DATA USABILITY SUMMARY
FOR
FORMER ASARCO/ENCYCLE OF TEXAS FACILITY

CORPUS CHRISTI, NUECES COUNTY, TEXAS

ADDITIONAL SAMPLING EVENT

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July 12, 2011

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1. NELAC/TLAP LABORATORY ACCREDITATION CERTIFICATION STATEMENT

WESTON Solutions, Inc. certifies that at the time the laboratory data were generated for the project, DHL Analytical (DHL) was NELAC accredited under the Texas Laboratory Accreditation Program (TLAP) for the matrices, analytes, and parameters of analysis requested on the chain-of-custody form with the following exceptions:

MATRIX	METHOD	ANALYTE	LAB	DATA PACKAGE	SAMPLE ID(S)	CODE
Solid and Chemical Material	8260B	Cyclohexane	DHL	1106125, 1106136	1106125-02-07; 1106136-01-14	1
	8270D (Semivolatiles)	Benzaldehyde	DHL	1106125, 1106136	1106125-02-07; 1106136-01-14	1
Non-potable Water	8260B	Cyclohexane	DHL	1106125, 1106136	1106125-01, 08; 1106136-15	1
	8270D (Semivolatiles)	Benzaldehyde	DHL	1106125, 1106136	1106125-01, 08; 1106136-15	1

The analytes listed above with a “1” in the final code column are exempt from accreditation under 30TAC 25.6 because TLAP does not currently offer accreditation for these analytes.

This sampling event was conducted during June 2011. This sampling event includes data packages 1106125 and 1106136. The qualified TRRP Reports are presented in Appendix A. A copy of the DHL NELAP accreditation certificate is presented in Appendix B.

2. INTRODUCTION

This Data Usability Summary (DUS) contains the results of the data review conducted by ECS Environmental Chemistry Services (ECS) for samples collected from the ASARCO/Encycle of Texas facility in Corpus Christi, Nueces County, Texas. This report covers a sampling event that was conducted during June 16 and 17, 2011. DHL located in Round Rock, Texas analyzed the samples for the parameters listed in Table 2-1. Field quality control samples are identified in Table 2-2. The independent data review covered by this DUS includes the following three levels of review:

Laboratory Data Package Review – an evaluation of sample-specific criteria specified in Section 3 of this DUS.

Laboratory Review Checklist Review - an evaluation of the laboratory performance criteria specified in Section 4 of this DUS.

Data Validation – an evaluation of raw data to confirm the accuracy of calculation, data transcription, and instrument performance as specified in Section 5 of this DUS.

The results of the first level of review are covered for each analytical method in Section 6 of this report.

The results of the second and third levels of review are covered for each analytical method in Section 7 of this report. Validation included a review of the supporting data, recalculation of results from raw data, and checks for transcription errors on a minimum of 10% of the data.

The result of the data review process is the qualified data presented in Appendix A. The data were qualified using the qualifiers and bias codes presented in Tables D-2 and Table D-3 of the Texas Commission on Environmental Quality (TCEQ) Quality Assurance Project Plan for the Superfund Program (QAPP) (Document Control Number 200919.7) and at the end of Appendix A this report.

Table 2-1
ASARCO/Encycle of Texas Facility
Corpus Christi, Nueces County, Texas
Sample Summary

SDG	LAB SAMPLE ID	FIELD SAMPLE ID	DATE COLL.	MATRIX	PARAMETER
1106125	1106125-01	ER-061611	06/16/11	Water	SV, PCB
	1106125-02	SE-06	06/16/11	Soil	SV, PCB
	1106125-03	SE-07	06/16/11	Soil	SV, PCB
	1106125-04	GM-01	06/16/11	Soil	SV, PCB
	1106125-05	SE-03	06/16/11	Soil	SV, PCB
	1106125-06	SE-09	06/16/11	Soil	SV, PCB
	1106125-07	GM-99	06/16/11	Soil	SV, PCB
	1106125-08	ER-061611	06/16/11	Water	SV, PCB
1106136	1106136-01	SO-13	06/17/11	Soil	SV, PCB
	1106136-02	SO-13D	06/17/11	Soil	SV, PCB
	1106136-03	GM-02	06/17/11	Soil	SV, PCB
	1106136-04	STACK-02	06/17/11	Soil	SV, PCB
	1106136-05	SO-15	06/17/11	Soil	SV, PCB
	1106136-06	SO-15D	06/17/11	Soil	SV, PCB
	1106136-07	GM-03	06/17/11	Soil	SV, PCB
	1106136-08	SO-16	06/17/11	Soil	SV, PCB
	1106136-09	SO-16D	06/17/11	Soil	SV, PCB
	1106136-10	SO-98D	06/17/11	Soil	SV, PCB
	1106136-11	SE-04	06/17/11	Soil	SV, PCB
	1106136-12	SE-98	06/17/11	Soil	SV, PCB
	1106136-13	SO-14	06/17/11	Soil	SV, PCB
	1106136-14	SO-14D	06/17/11	Soil	SV, PCB
	1106136-15	ER-061711	06/17/11	Water	SV, PCB

SV = Semivolatile Organic Compounds by USEPA Method 8270D, PCB = Polychlorinated biphenyls by USEPA Method 8280A

Table 2-2
ASARCO/Encycle of Texas Facility
Corpus Christi, Nueces County, Texas
Field Quality Control Sample Summary

SDG	LAB SAMPLE ID	FIELD SAMPLE ID	FIELD QC SAMPLE TYPE	ASSOCIATED SAMPLES
1106125	1106125-01	ER-061611 (AM)	Equipment Blank	1106125-02-07
	1106125-07	GM-99	Field Duplicate	1106125-04
	1106125-08	ER-061611 (PM)	Equipment Blank	1106125-02-07
1106136	1106136-03	GM-02	MS/MSD	1106136-03
	1106136-09	SO-16D	MS/MSD	1106136-09
	1106136-10	SO-98D	Field Duplicate	1106136-09
	1106136-12	SE-98	Field Duplicate	1106136-11
	1106136-15	ER-061711	Equipment Blank	1106136-01-14

3. DATA REVIEW CRITERIA

The laboratory data package review covers a review of the sample-specific items for the TCEQ QAPP criteria listed below.

METHOD	SAMPLE-SPECIFIC REVIEW ITEM	EVALUATION CRITERIA
Semivolatiles/8270D	Holding Time/Preservation Requirements	Table B2-1
	Blanks	Table B5.1.10-3
	Laboratory Control Sample	Table D-1
	Surrogates	Table D-1
	Matrix Spike/Matrix Spike Duplicate	Table D-1
	Field Duplicate	D.2.1.2.2.2.7
Polychlorinated Biphenyls/8082A	Holding Time/Preservation Requirements	Table B2-1
	Blanks	Table B5.1.10-3
	Laboratory Control Sample	Table D-1
	Surrogates	Table D-1
	Matrix Spike/Matrix Spike Duplicate	Table D-1
	Field Duplicate	D.2.1.2.2.2.7

The independent review of these items is covered in Section 6.0 of this DUS.

4. LABORATORY REVIEW CHECKLIST REVIEW CRITERIA

The Laboratory Review Checklist (LRC) review covers a review of the laboratory performance items for the TCEQ QAPP evaluation criteria listed below.

METHOD	LAB PERFORMANCE REVIEW ITEM	EVALUATION CRITERIA
Semivolatiles/ 8270D	Initial Calibration	Table B5.1.10-3
	Continuing Calibration	Table B5.1.10-3
	GC/MS Tuning	Section B5.1.10
	Internal Standards	Table B5.1.10-3
PCBs/8082A	Initial Calibration	Table B5.1.6-3
	Continuing Calibration	Table B5.1.6-3

Results not meeting the evaluation criteria were documented in the LRCs and ERs presented in the data package in Appendix A. The independent review of these items is covered in Section 7.0 of this DUS.

5. DATA VALIDATION CRITERIA

Data validation was performed on the following project analytical batches:

- PCB batch 46988

Data validation was performed on a minimum of 10% of the project analytical batches. Laboratory Quality Control Summary sheets were reviewed to confirm that QC problems were properly reported on the Laboratory Control Checklist (LRC). Raw data were checked for calculation and transcription errors. The independent data validation is covered in Section 7.0 of this DUS.

6. DATA REVIEW RESULTS

6.1 SEMIVOLATILE ORGANIC COMPOUNDS

For semivolatile data, the following items are reviewed in this section:

- Holding Time/Preservation Requirements
- Blanks
- Laboratory Control Samples
- Surrogates
- Matrix Spike/Matrix Spike Duplicates
- Field Duplicates

The following sections specify the reasons for the data validation qualifiers that are presented in Appendix A.

6.1.1 Holding Times/Preservation Requirements

The maximum holding time from date of collection to date of extraction for semivolatiles in solid matrix samples is 14 days. The maximum holding time from date of collection to date of extraction for semivolatiles in aqueous matrix samples is 7 days. The maximum holding time from date of extraction to date of analysis for semivolatiles in solid and aqueous matrix samples

is 40 days. These holding times were met for all of the samples in this data set. None of the semivolatile data were qualified based on holding times.

6.1.2 Blanks

All associated blanks were free of all reported analytes in concentrations at or greater than the Sample Detection Limits (SDLs) with the following exceptions:

SDG	BLANK ID	COMPOUND	CONC.	SAMPLES QUALIFIED AS NON-DETECT
1106125	MB-46871	Benzoic Acid	0.0166 mg/l	None
	ER-061611 (AM)	Benzoic Acid	0.00376 mg/l	None
	ER-061611 (PM)	Acetophenone	0.00024 mg/l	1106125-07
		Benzoic Acid	0.00576 mg/l	None
1106136	ER-061711	Acetophenone	0.00024 mg/l	1106136-03
		Benzoic Acid	0.00228 mg/l	1106136-13
	MB-46871	Benzoic Acid	0.0166 mg/l	None

If a common laboratory contaminant (phthalates) is detected in a blank and is also detected in an associated sample in a concentration less than 10 times the concentration found in the blank, the sample data are qualified as non-detected for that compound. Also, if any other semivolatile compound is detected in a blank and is also detected in an associated sample in a concentration less than 5 times the concentration found in the blank, the sample data are qualified as non detected for that compound. Samples that had compounds qualified as NOT detected with a “U” qualifier based on these criteria are listed in the previous table.

6.1.3 Laboratory Control Samples (LCS)

The LCS review criteria for semivolatile data are as follows:

ACCURACY (%R)	PRECISION (RPD)
60%-140%	40%

One LCS/LCSD set was analyzed with every analytical batch. These criteria were met for all the LCS/LCSD in this data set with the following exceptions:

SDG	LCS ID	ANALYTE	LCS %R	CONTROL LIMITS	ASSOC. SAMPLES
1106125	LCS-46871	4-Nitrophenol	50	60-140	1106125-01, 08
		Caprolactam	25	60-140	1106125-01, 08
		Phenol	51	60-140	1106125-01, 08
1106136	LCS-46871	4-Nitrophenol	50	60-140	1106136-15
		Caprolactam	25	60-140	1106136-15
		Phenol	51	60-140	1106136-15

The associated samples listed above were qualified as follows:

	Detected results	Non-Detected Results
% R greater than 140%	JH	No qualification
% R less than 60% but greater than 10%	JL	UJL
% R less than 10%	JL	R

6.1.4 Surrogates

The surrogate review criteria for semivolatile data are as follows:

ACCURACY (%R)	PRECISION (RPD)
60%-140%	40%

Each sample, standard and method blank was spiked with the appropriate surrogates. These criteria were met for all the samples in this data set with the following exceptions:

SDG	SAMPLE ID	SURROGATE	ACID (AC) OR BASE/NEUTRAL (BN) FRACTION FOR SV	%R
1106125	1106125-01	Phenol-d6	AC	42
	1106125-03, DF1	Nitrobenzene-d5	BN	59
	1106125-08	Phenol-d6	AC	40
1106136	1106136-03	2,4,6-Tribromophenol	AC	59
		2-Fluorobiphenyl	BN	52
		2-Fluorophenol	AC	57
		Nitrobenzene-d5	BN	52
		Phenol-d6	AC	55
	1106136-05, DF1	2,4,6-Tribromophenol	AC	418
		Terphenyl-d14	BN	11
	1106136-05, DF5	2,4,6-Tribromophenol	AC	132
	1106136-06	2-Fluorobiphenyl	BN	57
	1106136-09	Nitrobenzene-d5	BN	58
		Phenol-d6	AC	59
	1106136-15	Phenol-d6	AC	40

For the semivolatile results for the samples and fractions listed above, associated results and compounds were qualified as follows if two or more surrogates per fraction (acid extractables or base/neutral extractables) met the following criteria:

	Detected results	Non-Detected Results
% R greater than 140%	JH-SUR	No qualification
% R less than 60% but greater than 10%	JL-SUR	UJL-SUR
% R less than 10%	JL-SUR	R-SUR

6.1.5 Matrix Spike/Matrix Spike Duplicates (MS/MSD)

The MS/MSD review criteria for semivolatile data are as follows:

ACCURACY (%R)	PRECISION (RPD)
60%-140%	40%

One MS/MSD set was analyzed with every analytical batch. These criteria were met for all the MS/MSD in this data set with the following exceptions:

SDG	MS/MSD ID	COMPOUND	MS %R	MSD %R	CONT. LIMITS	RPD	CONT. LIMIT
1106136	1106136-09	2,4-Dinitrophenol	53	52	60-140	3	40
		3,3'-Dichlorobenzidine	141	149	60-140	6	40
		4-Chloroaniline	56	61	60-140	8	40
		Benzoic acid	22	23	60-140	10	40
		Pentachlorophenol	51	53	60-140	3	40
	1106136-11	2,4-Dinitrophenol	55	57	60-140	0.4	40
		3,3'-Dichlorobenzidine	190	179	60-140	9	40
		Benzoic acid	17	12	60-140	37	40
		Hexachlorocyclopentadiene	10	0	60-140	0	40
		Pentachlorophenol	42	40	60-140	10	40
	1106136-03	2,4,5-Trichlorophenol	55	65	60-140	18	40
		2,4,6-Trichlorophenol	50	65	60-140	27	40
		2,4-Dichlorophenol	55	65	60-140	18	40
		2,4-Dimethylphenol	45	55	60-140	18	40
		2-Chloronaphthalene	55	60	60-140	10	40
		2-Chlorophenol	55	65	60-140	18	40
		2-Methylphenol	30	40	60-140	18	40
		2-Nitrophenol	50	60	60-140	19	40
		3,3´-Dichlorobenzidine	10	10	60-140	1	40
		4-Bromophenyl phenyl ether	55	60	60-140	10	40
		4-Chloroaniline	15	10	60-140	39	40
		4-Chlorophenyl phenyl ether	55	60	60-140	10	40
		4-Methylphenol	25	35	60-140	17	40
		4-Nitroaniline	15	15	60-140	1	40
		Acenaphthene	55	60	60-140	10	40
		Acenaphthylene	55	60	60-140	10	40

SDG	MS/MSD ID	COMPOUND	MS %R	MSD %R	CONT. LIMITS	RPD	CONT. LIMIT
		Acetophenone	50	60	60-140	15	40
		Anthracene	45	50	60-140	10	40
		Benzaldehyde	50	60	60-140	19	40
		Benzo[a]anthracene	40	45	60-140	10	40
		Benzo[g,h,i]perylene	60	55	60-140	6	40
		Benzo[k]fluoranthene	45	45	60-140	1	40
		Benzoic acid	70	154	60-140	77	40
		Benzyl alcohol	55	65	60-140	18	40
		Biphenyl	50	60	60-140	19	40
		Bis(2-chloroethyl)ether	45	55	60-140	21	40
		Bis(2-chloroisopropyl)ether	50	55	60-140	11	40
		Bis(2-ethylhexyl)phthalate	7	70	60-140	17	40
		Butyl benzyl phthalate	19	35	60-140	16	40
		Carbazole	55	60	60-140	10	40
		Chrysene	45	55	60-140	15	40
		Di-n-butyl phthalate	54	65	60-140	11	40
		Dibenzofuran	55	60	60-140	10	40
		Diethyl phthalate	55	60	60-140	10	40
		Fluorene	55	60	60-140	10	40
		Hexachlorobenzene	55	55	60-140	1	40
		Hexachlorobutadiene	45	55	60-140	21	40
		Hexachlorocyclopentadiene	35	25	60-140	32	40
		Hexachloroethane	50	55	60-140	11	40
		Isophorone	55	60	60-140	10	40
		N-Nitrosodi-n-propylamine	55	60	60-140	10	40
		N-Nitrosodiphenylamine	55	60	60-140	10	40
		Naphthalene	55	65	60-140	18	40
		Nitrobenzene	50	55	60-140	11	40
		Pentachlorophenol	45	55	60-140	21	40
		Phenanthrene	55	60	60-140	9	40
		Phenol	-6	5	60-140	17	40

The analytes and parent samples for the MS/MSDs listed above were qualified as follows:

	Detected results	Non-Detected Results
% R greater than 140%	JH-MS/SD	No qualification
% R less than 60% but greater than 10%	JL-MS/SD	UJL-MS/SD
% R less than 10%	JL-MS/SD	R-MS/SD

6.1.6 Field Duplicates

For solid matrix samples, when both the original and duplicate result are greater than 5 times the method quantitation limit (MQL), the Relative Percent Differences (RPD) was equal to or less than 50%. For solid matrix samples, when one or both of the original and duplicate results are less than 5 times the MQL, the results agree within 3.5 times the greater SDL. The results of this evaluation of all detected results are shown in the following table:

SDG	FIELD DUP ID	ANALYTE	ORIGINAL RESULT	DUPLICATE RESULT	QC RESULT	CRITERIA
1106125	1106125-04/07	2,4-Dimethyl phenol	0.290	0.298	DIF:0.008	<=0.522
		2-Methyl naphthalene	0.145 U	0.497	DIF:0.352	<=0.522
		2-Methyl phenol	0.145 U	0.199	DIF:0.054	<=0.522
		4-Methyl phenol	0.676	0.298 U	DIF:0.378	<=1.04
		Acenaphthylene	0.290	0.199	DIF:0.091	<=0.522
		Acetophenone	0.145 U	0.298	DIF:0.153	<=0.522
		Anthracene	0.290	0.149 U	DIF:0.141	<=0.522
		Benzo (a) anthracene	**4.05**	**1.69**	**DIF:2.36**	**<=0.522**
		Benzo (a) pyrene	**7.53**	**3.38**	**RPD:76%**	**<=50%**
		Benzo (b) fluoranthene	**17.0**	**8.75**	**RPD:64%**	**<=50%**
		Benzo (ghi) perylene	**6.37**	**2.09**	**RPD:101%**	**<=50%**
		Benzo (k) fluoranthene	**3.96**	**2.19**	**RPD:58%**	**<=50%**
		bis (2-Ethylhexyl) phthalate	**0.676**	**2.29**	**DIF:1.61**	**<=1.57**
		Carbazole	**1.35**	**0.497**	**DIF:0.853**	**<=0.522**
		Chrysene	7.72	6.26	RPD:21%	<=50%
		Dibenz (ah) anthracene	**2.32**	**0.596**	**DIF:1.72**	**<=0.522**
		Fluoranthene	15.3	9.44	RPD:47%	<=50%
		Indeno (123-cd) Pyrene	**6.18**	**2.09**	**RPD:99%**	**<=50%**
		Naphthalene	0.193	0.199	DIF:0.006	<=0.522
		Pentachlorophenol	0.290	0.298	DIF:0.008	<=0.522

SDG	FIELD DUP ID	ANALYTE	ORIGINAL RESULT	DUPLICATE RESULT	QC RESULT	CRITERIA
		Phenanthrene	3.47	3.38	RPD:3%	<=50%
		Phenol	0.145 U	0.398	DIF:0.253	<=0.522
		Pyrene	10.7	7.55	RPD:35%	<=50%
1106136	1106136-09/10	**Acenaphthlene**	**0.0122 U**	**0.0588**	**DIF:0.0466**	**<=0.0427**
		Acenaphthylene	0.0122 U	0.0147	DIF:0.0025	<=0.0427
		Anthracene	**0.0122 U**	**0.206**	**DIF:0.194**	**<=0.0427**
		Benzo (a) anthracene	**0.0487**	**0.794**	**DIF:0.745**	**<=0.0427**
		Benzo (a) pyrene	**0.0568**	**0.765**	**DIF:0.708**	**<=0.0427**
		Benzo (b) fluoranthene	**0.0730**	**1.08**	**DIF:1.01**	**<=0.0427**
		Benzo (ghi) perylene	**0.0406**	**0.434**	**DIF:0.393**	**<=0.0427**
		Benzo (k) fluoranthene	**0.0324**	**0.250**	**DIF:0.218**	**<=0.0427**
		Carbazole	**0.0122 U**	**0.132**	**DIF:0.120**	**<=0.0427**
		Chrysene	**0.0324**	**0.647**	**DIF:0.615**	**<=0.0427**
		Dibenz (ah) anthracene	**0.0324**	**0.140**	**DIF:0.108**	**<=0.0427**
		Dibenzofuran	0.0122 U	0.0221	DIF:0.0099	<=0.0427
		Fluoranthene	**0.0649**	**1.65**	**DIF:1.59**	**<=0.0427**
		Fluorene	0.0122 U	0.0515	DIF:0.0393	<=0.0427
		Indeno (123-cd) Pyrene	**0.0406**	**0.419**	**DIF:0.378**	**<=0.0427**
		Phenanthrene	**0.0324**	**0.787**	**DIF:0.755**	**<=0.0427**
		Pyrene	**0.0487**	**1.07**	**DIF:1.02**	**<=0.0427**
	1106136-11/12	2-Methylnaphthalene	0.207	0.230	DIF:0.023	<=0.302
		Acenaphthylene	0.0829	0.0864 U	DIF:0.0035	<=0.302
		Anthracene	0.166	0.173	DIF:0.007	<=0.302
		Benzo (a) anthracene	0.415	0.461	DIF:0.046	<=0.302
		Benzo (a) pyrene	0.705	0.634	DIF:0.071	<=0.302
		Benzo (b) fluoranthene	0.995	0.922	DIF:0.073	<=0.302
		Benzo (ghi) perylene	0.580	0.576	DIF:0.004	<=0.302
		Benzo (k) fluoranthene	0.249	0.230	DIF:0.019	<=0.302

SDG	FIELD DUP ID	ANALYTE	ORIGINAL RESULT	DUPLICATE RESULT	QC RESULT	CRITERIA
		bis (2-Ethylhexyl) phthalate	0.207	0.288	DIF:0.081	<=0.907
		Chrysene	0.415	0.403	DIF:0.012	<=0.302
		Dibenz (ah) anthracene	0.249	0.288	DIF:0.039	<=0.302
		Fluoranthene	0.622	0.634	DIF:0.012	<=0.302
		Indeno (123-cd) Pyrene	0.456	0.403	DIF:0.062	<=0.302
		Naphthalene	0.0829	0.115	DIF:0.032	<=0.302
		Phenanthrene	0.249	0.230	DIF:0.019	<=0.302
		Pyrene	0.580	0.634	DIF:0.054	<=0.302

Results listed above in bold type did not meet data review criteria and were qualified as estimated with “J” qualifiers for detects and “UJ” qualifiers for non-detects.

6.2 POLYCHLORINATED BIPHENYLS (PCB)

For PCB data, the following items are reviewed in this section:

- Holding Time/Preservation Requirements
- Blanks
- Laboratory Control Samples
- Surrogates
- Matrix Spike/Matrix Spike Duplicates
- Field Duplicates

The following sections specify the reasons for the data validation qualifiers that are presented in Appendix A.

6.2.1 Holding Time/Preservation Requirements

The maximum holding time from date of extraction to date of analysis for PCB in solid and aqueous matrix samples is 40 days. These holding times were met for all of the samples in this data set. None of the PCB data were qualified based on holding times.

6.2.2 Blanks

All associated blanks were free of all reported analytes in concentrations at or greater than the SDLs. None of the PCB data were qualified based on blank data.

6.2.3 Laboratory Control Sample (LCS)

The LCS review criteria for metal data are as follows:

ACCURACY (%R)	PRECISION (RPD)
60%-140%	40%

One LCS was analyzed with each analytical batch. These criteria were met for all the samples in this data set. None of the PCB data were qualified based on LCS data.

6.2.4 Surrogates

The surrogate review criteria for PCB data are as follows:

ACCURACY (%R)	PRECISION (RPD)
60%-140%	40%

Each sample, standard and method blank was spiked with the appropriate surrogates. These criteria were met for all the samples in this data set with the following exceptions:

SDG	SAMPLE ID	SURROGATE	%R
1106125	1106125-01	Decachlorobiphenyl	36
	1106125-03	Decachlorobiphenyl	44
	1106125-04	Decachlorobiphenyl	40
	1106125-05	Decachlorobiphenyl	47
		Tetrachloro-m-xylene	53
	1106125-07	Decachlorobiphenyl	20
		Tetrachloro-m-xylene	50
	1106125-08	Decachlorobiphenyl	22
1106136	1106136-01	Decachlorobiphenyl	53
	1106136-03	Tetrachloro-m-xylene	42
	1106136-05	Decachlorobiphenyl	13
		Tetrachloro-m-xylene	21
	1106136-06	Decachlorobiphenyl	28
		Tetrachloro-m-xylene	23
	1106136-07	Decachlorobiphenyl	26
	1106136-08	Decachlorobiphenyl	55
	1106136-09	Decachlorobiphenyl	47
		Tetrachloro-m-xylene	57
	1106136-11	Decachlorobiphenyl	47
		Tetrachloro-m-xylene	51
	1106136-12	Decachlorobiphenyl	48
	1106136-15	Decachlorobiphenyl	38

PCB results that did not meet data review criteria were qualified as follows:

	Detected results	Non-Detected Results
% R greater than 140%	JH-SUR	No qualification
% R less than 60% but greater than 10%	JL-SUR	UJL-SUR
% R less than 10%	JL-SUR	R-SUR

6.2.5 Matrix Spike/ Matrix Spike Duplicate Sample

The MS/MSD review criteria for PCB data are as follows:

ACCURACY (%R)	PRECISION (RPD)
60%-140%	40%

One MS/MSD set was analyzed with every analytical batch. These criteria were met for all the MS/MSD in this data set with the following exceptions:

SDG	MS/MSD ID	COMPOUND	MS %R	MSD %R	CONT. LIMITS	RPD	CONT. LIMIT
1106136	1106136-03	Arclor 1016	59	46	60-140	27	40
	1106136-06	Arclor 1016	20	20	60-140	1	40
		Arclor 1260	19	20	60-140	1	40

The analytes and parent samples for the MS/MSDs listed above were qualified as follows:

	Detected results	Non-Detected Results
% R greater than 140%	JH-MS/SD	No qualification
% R less than 60% but greater than 10%	JL-MS/SD	UJL-MS/SD
% R less than 10%	JL-MS/SD	R-MS/SD

6.2.6 Field Duplicates

For aqueous matrix samples, when both the original and duplicate result are greater than 5 times the method quantitation limit (MQL), the Relative Percent Differences (RPD) was equal to or less than 30%. For aqueous matrix samples, when one or both of the original and duplicate results are less than 5 times the MQL, the results agree within 2 times the greater SDL. For solid matrix samples, when both the original and duplicate result are greater than 5 times the method quantitation limit (MQL), the Relative Percent Differences (RPD) was equal to or less than 50%. For solid matrix samples, when one or both of the original and duplicate results are less than 5 times the MQL, the results agree within 3.5 times the greater SDL. The results of this evaluation of all detected results are shown in the following table:

SDG	FIELD DUP ID	ANALYTE	ORIGINAL RESULT	DUPLICATE RESULT	QC RESULT	CRITERIA
1106125	1106125-04/07	Arolcor 1268	0.102	0.952 U	DIF:0.374	<=1.67

None of the field duplicate PCB results required qualification because data review criteria were met.

7. DATA VALIDATION RESULTS

The laboratory used for this project appears to have an adequate QA system in place that is designed to ensure the accurate reporting of analytical results generated. All instances in which the analytical QC results fell outside the acceptance criteria were fully and correctly reported in the associated Laboratory Review Checklists.

The following subsections contain a review of the supporting data using the criteria specified in Section 4.

7.1 SEMIVOLATILE ORGANIC COMPOUNDS/ PCB / PESTICIDES

For semivolatile data, the following items are reviewed in this section:

- Initial Calibration
- Continuing Calibration
- GC/MS Instrument Tuning
- Internal Standards

The following sections specify the reasons for the data validation qualifiers that are presented in Appendix A.

7.1.1 Initial Calibration

Initial Calibrations were performed at the proper frequency and met the criteria specified in Table B.5.1.10-3 of the TCEQ Superfund QAPP. None of the semivolatile data were qualified based on initial calibration data.

7.1.2 Continuing Calibration

Continuing Calibrations were performed at the proper frequency and met the criteria a specified in Table B.5.1.10-3 of the TCEQ Superfund QAPP. None of the semivolatile data were qualified based on continuing calibration data.

7.1.3 GC/MS Instrument Tuning

GC/MS instrument tunes for semivolatiles met the ion abundance criteria specified in section B.5.1.10 of the TCEQ Superfund QAPP. GC/MS tunes were conducted at the proper frequency (1 every 12 hours) for this data set. None of the semivolatile data were qualified based on tuning data.

7.1.4 Internal Standards

The sample-specific precision and accuracy QC review criteria for semivolatile data are specified in the table B5.1.10-3 of the TCEQ Superfund QAPP. All internal standard area counts for the samples in this report were less than a factor of + OR- 50% from the associated

calibration standard with the following exceptions: These criteria were met for all the samples in this data set. None of the semivolatile data were qualified based on internal standard data.

7.2 PCB

For PCB data, the following items are reviewed in this section:

- Initial Calibration
- Continuing Calibration

The following sections specify the reasons for the data validation qualifiers that are presented in Appendix A.

7.2.1 Initial Calibration

Initial Calibrations were performed at the proper frequency and met the criteria specified in Table B.5.1.6-3 of the TCEQ Superfund QAPP. None of the PCB data were qualified based on initial calibration data.

7.2.2 Continuing Calibration

Continuing Calibrations were performed at the proper frequency and met the criteria a specified in Table B.5.1.6-3 of the TCEQ Superfund QAPP. None of the PCB data were qualified based on continuing calibration data.

8. OVERALL ASSESSMENT DATA USABILITY RELATIVE TO PROJECT OBJECTIVES

The data covered by this report are acceptable for use in meeting project objectives specified in the Field Sampling Plan for this project as qualified based on the following data quality assurance objectives:

Accuracy is defined as the degree of agreement between a measurement in a quality control sample and an accepted reference or true value. Accuracy is measured as the percent recovery of an analyte as measured through analysis of Laboratory Control Samples (LCS) and Matrix Spike/ Matrix Spike Duplicates (MS/MSD). Since 90% of the LCS and MS/MSD samples were within the applicable acceptance ranges, the overall level of accuracy is considered acceptable

Precision is defined as the agreement between a set of replicate measurements without knowledge of a true value. Precision is measured by the analysis of laboratory and field duplicates. Since 93% of the field and laboratory duplicate results were within applicable acceptance ranges, the overall level of precision is considered acceptable.

Completeness is measured as the ratio of the number of valid analytical results to the total number of analytical results requested. The completeness criterion for solid samples is 90%. The overall completeness for solid samples of 99.9% is considered acceptable. The completeness criterion for aqueous samples is 95%. The overall completeness for aqueous samples of 100% is considered acceptable.

Representativeness, as measured by comparing the results obtained for the field duplicate pairs, use of sampling procedures contained in the QAPP, and relevant SOPs, is considered acceptable.

9. DATA USABILITY RELATIVE TO PROJECT OBJECTIVES

The usability of the sample data relative to the intended end uses is discussed in this section. The overall objective of the Organic Compound Screening of Soils, Groundwater, Surface Water, Sediment, and Wastes, and smelter stack source characterization of ASARCO/Encycle of Texas Facility is to screen environmental media and Encycle process wastes at the site for the presence of organic hazardous substances and to characterize the wastes within the former ASARCO zinc smelter stack.

This was accomplished by analyzing samples for the organic and inorganic parameters. The following is a discussion of qualified data and the potential impacts these qualified results have on the project objective.

9.1 SAMPLE DETECTION LIMITS AND DECISION CRITERIA COMPARISON

Sample Detection Limits (SDLs) are the method detection limits for an analyte adjusted for dilutions and sample size. The maximum SDL for the chemicals of concern with a non-detect result were all below the Protective Concentration Limits (PCLs) specified by WESTON for the analytes as shown below with the exception of the compounds in BOLD TYPE:

MATRIX	ANALYTE GROUP	ANALYTE	PCL (mg/kg)	MAX. SDL	MAX MQL
Solid Matrix	PCBs	PCBs	1.1	0.482	0.963
	Semivolatile Organics	Acenaphthene	120	1.36	3.63
		Acenaphthylene	200	1.36	3.63
		Acetophenone	4.1	1.36	3.63
		Anthracene	3400	1.36	3.63

MATRIX	ANALYTE GROUP	ANALYTE	PCL (mg/kg)	MAX. SDL	MAX MQL
		Atrazine	**0.012**	**1.36**	**3.63**
		Benz-a-anthracene	5.6	*	*
		Benzaldehyde	5.3	1.36	3.63
		Benzo-a-pyrene	0.56	0.199	0.53
		Benzo-b-fluoranthene	5.7	*	*
		Benzo –g,h,i—perylene	1800	*	*
		Benzoic acid	95	6.82	18.0
		Benzo-k-fluroanthene	57	0.199	0.530
		Benzyl alcohol	2.9	1.36	9.00
		Biphenyl, 1,1-	130	1.36	3.63
		Bis (2-chloroethoxy) methane	**0.0059**	**1.36**	**3.63**
		Bis (2-chloroethyl) ether	**0.0011**	**1.36**	**3.63**
		Bis (2-chloroisopropyl) ether	**0.095**	**1.36**	**3.63**
		Bis (2-ethyl-hexyl) phthalate	43	0.0359	0.0318
		Bromophenyl phenylether, 4-	**0.18**	**1.36**	**3.63**
		Butyl benzyl phthalate	130	5.45	9.00
		Caprolactam	23	2.73	3.63
		Carbazole	2.3	0.0622	0.165
		Chloro-3-methylphenol, 4-	2.3	1.36	3.63
		Chloroaniline, p-	**0.010**	**4.09**	**9.00**
		Chloronaphthalene, 2-	340	1.36	3.63
		Chlorophenol, 2-	**0.82**	**1.36**	**3.63**
		Chlorophenyl phenylether, 4-	**0.016**	**1.36**	**3.63**
		Chrysene	560	0.199	0.530
		Cresol, o- (2-methylphenol)	3.6	1.36	3.63
		Cresol, p- (4-methylphenol)	**0.32**	**0.399**	**0.530**
		Dibenz-a,h-anthracene	7.6	0.199	0.530
		Dibenzofuran	17	1.36	3.63
		Dichlorobenzidine, 3,3-	**0.031**	**1.36**	**3.63**
		Dichlorophenol, 2,4-	**0.18**	**6.82**	**18.0**
		Diethyl phthalate	78	5.45	9.00
		Dimethyl phenol, 2,4-	1.6	0.0497	0.132
		Dimethyl phthalate	31	0.797	1.32
		Di-n-butyl phthalate	1700	5.45	9.00
		Dinitro-2-methylphenol, 4,6-	**0.0023**	**4.09**	**9.00**
		Dinitrophenol, 2,4-	**0.047**	**6.82**	**18.0**
		Dinitrotoluene, 2,4-	**0.0027**	**1.36**	**3.63**
		Dinitrotoluene, 2,6-	**0.0024**	**1.36**	**3.63**
		Di-n-octyl phthalate	1300	0.596	0.984
		Fluoranthene	960	0.199	0.530

MATRIX	ANALYTE GROUP	ANALYTE	PCL (mg/kg)	MAX. SDL	MAX MQL
		Fluorene	150	5.45	9.00
		Hexachlorobenzene	**0.56**	**1.36**	**3.63**
		Hexachlorobutadiene	1.6	1.36	3.63
		Hexachlorocyclopentadiene (HCCPD)	7.2	4.09	9.00
		Hexachloroethane	**0.92**	**1.36**	**3.63**
		Indeno-1,2,3-cd-pyrene	5.7	0.0497	0.132
		Isophorone	1.5	1.36	3.63
		Methylnaphthalene, 2-	8.5	1.36	3.63
		Naphthalene	16	1.36	3.63
		Nitroaniline, 2-	**0.011**	**1.36**	**3.63**
		Nitroaniline, 3-	**0.013**	**1.36**	**3.63**
		Nitroaniline, 4-	**0.054**	**1.36**	**3.63**
		Nitrobenzene	**0.18**	**1.36**	**3.63**
		Nitrophenol, 2-	**0.067**	**1.36**	**3.63**
		Nitrophenol, 4-	**0.050**	**6.82**	**18**
		Nitrosodi-n-propylamine, N-	**0.00018**	**1.36**	**3.63**
		Nitrosodiphenylamine, N-	1.4	1.36	3.63
		Pentachlorophenol	**0.0092**	**1.36**	**3.63**
		Phenanthrene	210	*	*
		Phenol	9.6	1.36	3.63
		Pyrene	560	0.199	0.530
		Trichlorophenol, 2,4,5-	17	1.36	3.63
		Trichlorophenol, 2,4,6-	**0.087**	**1.36**	**3.63**

*** =** All of the results for this analyte were detected and so the MDL is not an issue

Most of the non-detect sample results with SDLs above the associated PCL were from the Galbestos Material.

9.2 EFFECTS OF POTENTIAL BIASES AND IMPRECISION ON USABILITY OF THE DATA

The following analysis discusses the potential effects of biases on the usability of the chemical data.

Accuracy – The following PCB samples had at least one surrogate out of data review criteria and were qualified as estimated:

SDG	SAMPLE ID	SURROGATE	%R	Detected PCB Sample Result (mg/kg)	PCL (mg/kg)
1106125	1106125-03	Decachlorobiphenyl	44	0.136 U	1.1
	1106125-04	Decachlorobiphenyl	40	0.102	1.1
	1106125-05	**Decachlorobiphenyl**	**47**	**0.502**	**1.1**
		Tetrachloro-m-xylene	**53**	**0.502**	**1.1**
	1106125-07	**Decachlorobiphenyl**	**20**	**0.952 U**	**1.1**
		Tetrachloro-m-xylene	**50**	**0.952 U**	**1.1**
1106136	**1106136-01**	**Decachlorobiphenyl**	**53**	**0.483**	1.1
	1106136-03	**Tetrachloro-m-xylene**	**42**	**0.380**	1.1
	1106136-05	Decachlorobiphenyl	13	0.0583	1.1
		Tetrachloro-m-xylene	21	0.0583	1.1
	1106136-06	Decachlorobiphenyl	28	0.117 U	1.1
		Tetrachloro-m-xylene	23	0.117 U	1.1
	1106136-07	**Decachlorobiphenyl**	**26**	**0.963 U**	**1.1**
	1106136-08	Decachlorobiphenyl	55	0.118 U	1.1
	1106136-09	Decachlorobiphenyl	47	0.122 U	1.1
		Tetrachloro-m-xylene	57	0.122 U	1.1
	1106136-11	**Decachlorobiphenyl**	**47**	**0.392 U**	1.1
		Tetrachloro-m-xylene	**51**	**0.392 U**	**1.1**
	1106136-12	**Decachlorobiphenyl**	**48**	**0.520 U**	1.1

The interpretations of the PCB results for the samples listed above **in bold type** were impacted by the surrogate results because the results were either non-detect at SDLs or detected in concentrations close to the PCL. These results may be present in concentrations above the PCL.

The following semivolatile sample had two or more surrogates per fraction (as indicated below) that were out of data review criteria and were qualified as estimated:

DATA PACKAGE	LAB SAMPLE ID	FIELD SAMPLE ID	ACID (AC) OR BASE/NEUTRAL (BN) FRACTION
1106136	1106136-03	GM-02	AC and BN

The interpretations of the associated semivolatile results for the sample listed above were not impacted by the surrogate results because the results were non-detect at SDLs or detected in concentrations several orders of magnitude below the associated PCLs with the exception of the following compounds that were either non-detect at SDLs or detected in concentrations close to the PCL concentrations in the listed samples:

SDG	LAB SAMPLE ID	FIELD SAMPLE ID	AFFECTED COMPOUNDS IN THE LISTED SAMPLES
1106136	1106136-03	GM-02	2,4-Dinitrophenol, 2-Nitrophenol, 4-Nitrophenol, Pentachlorophenol, bis (2-Chloroethoxy) methane, bis (2-Chloroethyl) ether, 4-Chlorophenylphenyl ether, 3,3'-Dichlorobenzidine, 4,6-Dinitro-2-methylphenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Nitroaniline, 3-Nitroaniline, N-Nitrosdi-n-propylamine

The interpretation of these results as being below the PCL might be impacted by the low surrogate recoveries since the reported result or SDL for non-detects were close to the PCL.

The following MS/MSD recoveries were not within data review criteria and resulted in a data qualifier:

SDG	TEST	MS/MSD ID	COMPOUND	MS %R	MSD %R	RPD	PCL (mg/kg)	PARENT SAMPLE RESULT (mg/kg)	CODE
1106136	Semivolatiles	**1106136-09**	**2,4-Dinitrophenol**	**53**	**52**	**3**	**0.047**	**0.0608 U**	**1**
			4-Chloroaniline	56	61	8	0.010	0.0365 U	*
			Benzoic acid	22	23	10	95	0.0608 U	2
			Pentachlorophenol	51	53	3	0.0092	0.0122 U	*
		1106136-11	2,4-Dinitrophenol	55	57	0.4	0.047	0.311 U	*
			Benzoic acid	17	12	37	95	0.311 U	2

SDG	TEST	MS/MSD ID	COMPOUND	MS %R	MSD %R	RPD	PCL (mg/kg)	PARENT SAMPLE RESULT (mg/kg)	CODE
			Hexachlorocyclopentadiene	10	0	0	7.2	0.187 U	2
			Pentachlorophenol	42	40	10	0.0092	0.0622 U	*
		1106136-03	2,4,5-Trichlorophenol	55	65	18	17	0.0497 U	2
			2,4,6-Trichlorophenol	**50**	**65**	**27**	**0.087**	**0.0497 U**	**1**
			2,4-Dichlorophenol	55	65	18	0.18	0.0497 U	2
			2,4-Dimethylphenol	45	55	18	1.6	0.0497 U	2
			2-Chloronaphthalene	55	60	10	340	0.0497 U	2
			2-Chlorophenol	55	65	18	0.82	0.0497 U	2
			2-Methylphenol	30	40	18	3.6	0.0497 U	2
			2-Nitrophenol	**50**	**60**	**19**	**0.067**	**0.0497 U**	**1**
			3,3´-Dichlorobenzidine	10	10	1	0.031	0.0497 U	*
			4-Bromophenyl phenyl ether	55	60	10	0.18	0.0497 U	2
			4-Chloroaniline	15	10	39	0.010	0.149 U	*
			4-Chlorophenyl phenyl ether	55	60	10	0.016	0.0497 U	*
			4-Methylphenol	**25**	**35**	**17**	**0.32**	**0.0994 U**	**1**
			4-Nitroaniline	15	15	1	0.054	0.0497 U	**1**
			Acenaphthene	55	60	10	120	0.0497 U	2
			Acenaphthylene	55	60	10	200	0.0497 U	2
			Acetophenone	50	60	15	4.1	0.166	2
			Anthracene	45	50	10	3400	0.0497 U	2
			Benzaldehyde	50	60	19	5.3	0.0497 U	2
			Benzo[a]anthracene	40	45	10	5.6	0.199	2
			Benzo[g,h,i]perylene	60	55	6	1800	0.166	2
			Benzo[k]fluoranthene	45	45	1	57	0.0663	2
			Benzoic acid	70	154	77	95	1.69	2
			Benzyl alcohol	55	65	18	2.9	0.0497 U	2
			Biphenyl	50	60	19	130	0.0497 U	2
			Bis(2-chloroethyl)ether	45	55	21	0.0011	0.0497 U	*
			Bis(2-chloroisopropyl)ether	**50**	**55**	**11**	**0.095**	**0.0497 U**	**1**
			Bis(2-ethylhexyl)phthalate	**7**	**70**	**17**	**43**	**4.21**	**1**
			Butyl benzyl phthalate	19	35	16	130	0.861	2
			Carbazole	55	60	10	2.3	0.0497 U	2
			Chrysene	45	55	15	560	0.265	2

SDG	TEST	MS/MSD ID	COMPOUND	MS %R	MSD %R	RPD	PCL (mg/kg)	PARENT SAMPLE RESULT (mg/kg)	CODE
			Di-n-butyl phthalate	54	65	11	1700	0.398	2
			Dibenzofuran	55	60	10	17	0.0497 U	2
			Diethyl phthalate	55	60	10	78	0.199 U	2
			Fluorene	55	60	10	150	0.0497 U	2
			Hexachlorobenzene	55	55	1	0.56	0.0497 U	2
			Hexachlorobutadiene	45	55	21	1.6	0.0497 U	2
			Hexachlorocyclopentadiene	35	25	32	7.2	0.149 U	2
			Hexachloroethane	50	55	11	0.92	0.0497 U	2
			Isophorone	55	60	10	1.5	0.0497 U	2
			N-Nitrosodi-n-propylamine	55	60	10	0.00018	0.0497 U	*
			N-Nitrosodiphenylamine	55	60	10	1.4	0.0497 U	2
			Naphthalene	55	65	18	16	0.0497 U	2
			Nitrobenzene	50	55	11	0.18	0.0497 U	2
			Pentachlorophenol	45	55	21	0.0092	0.0497 U	*
			Phenanthrene	55	60	9	210	0.133	2
			Phenol	-6	5	17	9.6	0.497	2
1106136	PCB	1106136-03	Arclor 1016	59	46	27	1.1	0.0496 U	2
		1106136-06	**Arclor 1016**	**20**	**20**	**1**	**1.1**	**0.117 U**	**1**
			Arclor 1260	**19**	**20**	**1**	**1.1**	**0.117 U**	**1**

*The SDL for this compound was above the PCL. Therefore it is unknown whether the result is above or below the PCL.

Code 1: The MS and/or MSD percent recovery(ies) was (were) <60% for organics or the RPD was out of control limits. The interpretation of the reported sample result for this analyte, as being below its associated PCL, might be impacted because the result was close to the PCL.

Code 2: The MS and/or MSD percent recovery(ies) was (were) <60% for organics or the RPD was out of control limits. The interpretation of the reported sample result for this analyte was not impacted because the result was not close to the PCL.

In summary the interpretation of the results in **bold type**, as being below their associated PCLs, might be impacted by the MS/MSD recoveries because the results were close to the associated PCL.

The semivolatile LCS results that were out of data review criteria were associated with blank samples not solid matrix samples. Since this event is concerned with the evaluation of solid matrix samples, the effects of LCS results on the field blanks (aqueous matrix) is not discussed here.

Precision – The following field duplicate results were not within data review criteria:

SDG	FIELD/ LAB DUP ID	ANALYTE GROUP	ANALYTE	ORIG. RESULT	DUP RESULT	PCL	CODE
1106125	1106125-04/07	Semivolatiles	Benzo (a) anthracene	4.05	1.69	5.6	1
			Benzo (a) pyrene	7.53	3.38	0.56	2
			Benzo (b) fluoranthene	17.0	8.75	5.7	2
			Benzo (ghi) perylene	6.37	2.09	1800	1
			Benzo (k) fluoranthene	3.96	2.19	57	1
			bis (2-Ethylhexyl) phthalate	0.676	2.29	43	1
			Carbazole	1.35	0.497	2.3	1
			Dibenz (ah) anthracene	2.32	0.596	7.6	1
			Indeno (123-cd) Pyrene	**6.18**	**2.09**	**5.7**	**3**
1106136	1106136-09/10	Semivolatiles	Acenaphthlene	0.0122 U	0.0588	120	1
			Anthracene	0.0122 U	0.206	3400	1
			Benzo (a) anthracene	0.0487	0.794	5.6	1
			Benzo (a) pyrene	**0.0568**	**0.765**	**0.56**	**3**
			Benzo (b) fluoranthene	0.0730	1.08	5.7	1
			Benzo (ghi) perylene	0.0406	0.434	1800	1
			Benzo (k) fluoranthene	0.0324	0.250	57	1
			Carbazole	0.0122 U	0.132	2.3	1
			Chrysene	0.0324	0.647	560	1
			Dibenz (ah) anthracene	0.0324	0.140	7.6	1
			Fluoranthene	0.0649	1.65	960	1
			Indeno (123-cd) Pyrene	0.0406	0.419	5.7	1
			Phenanthrene	0.0324	0.787	210	1

SDG	FIELD/ LAB DUP ID	ANALYTE GROUP	ANALYTE	ORIG. RESULT	DUP RESULT	PCL	CODE
			Pyrene	0.0487	1.07	560	1

Code 1: Both results were below the PCL. Interpretations of results as below the PCLs are not impacted.

Code 2: Both results were above the PCL. Interpretations of results as above the PCLs are not impacted.

Code 3: One result was below the PCL and one result was above the PCL. Both results should be interpreted as being above the PCL due to the imprecision of the field duplicate results.

10. POTENTIAL ADDITIONAL USES AND LIMITATIONS

Other potential data uses have not been identified for this data.

11. CORRECTIVE ACTIONS AND WORKPLAN DEVIATIONS

Work Plan deviations were not identified by the field team. Corrective actions were not required on this project.

12. REJECTED DATA AND PROJECT CONSEQUENCES

The following results were rejected as a result of this data review and validation:

SDG	Affected Sample (s)	Analyte	Reason
1106136	SE-04	Hexachlorocyclopentadiene	MSD %R was less than 10%

Hexachlorocyclopentadiene is not COCs. The rejection of the data listed above does not impact the overall project objective of assessing the organic compounds present in site matrices.

13. CONCLUSIONS

The chemical data covered by this Data Usability Report are considered usable for meeting the project objectives with the qualifications presented in this report.

APPENDIX A

QUALIFIED TRRP REPORTS

Table A-1
Data Qualifier Definitions

Qualifier	Definitions
U	The analyte was analyzed for but was not detected above the sample quantitation limit (SDL). The associated value presented in the tables is the method quantitation limit. The sample quantitation limit is not provided in the tables however, the SDL may be found in the analytical laboratory report.
J	The associated value is an estimated quantity.
UJ	The material was analyzed for but was not detected above the reported sample quantitation limit. The associated value is an estimate and may be inaccurate or imprecise.
R	The data are unusable. (Note: Analyte may or may not be present.)

Table A-2
Data Validation Qualifier Codes

Qualifier Code	Data Quality Condition Resulting In Assigned Qualification
General Use	
FB	Field blank contamination
FD	Field duplicate evaluation criteria not met
HT	Holding time requirement was not met
LCS	Laboratory control sample evaluation criteria not met
MB	Method blank or preparation blank contamination
RB	Rinsate blank contamination
MQL	Sample quantitation limit exceeds decision criteria (for nondetected
Inorganic Methods	
CCB	Continuing calibration blank contamination
CCV	Continuing calibration verification evaluation criteria not met
D	Laboratory duplicate precision evaluation criteria not met
DL	Serial dilution results did not meet evaluation criteria
ICS	Interference check sample evaluation criteria not met
ICV	Initial calibration verification evaluation criteria not met
MS	Matrix spike recovery outside acceptance range
PDS	Post-digestion spike recovery outside acceptance range
MSA	Method of standard additions correlation coefficient <0.995
PB	Preparation Blank
Organic Methods	
CCAL	Continuing calibration evaluation criteria not met
ICAL	Initial calibration evaluation criteria not met
ID	Target compound identification criteria not met
IS	Internal standard evaluation criteria not met
MS/SD	Matrix spike/matrix spike duplicate accuracy and/or precision criteria not
SUR	Surrogate recovery outside acceptance range
TUNE	Instrument performance (tuning) criteria not met
P	Detected concentration difference between the primary and secondary
Bias Codes	
H	Bias in sample result likely to be high
I	Bias in sample result is indeterminate
L	Bias in sample result likely to be low

DHL ANALYTICAL

July 01, 2011

Phil Bredfeldt
Weston Solutions, Inc.
2705 Bee Caves Road St 100
Austin, Texas 78746

TEL: (512) 651-7128
FAX: (512) 651-7101

Order No: 1106125

RE: TCEQ Encycle

Dear Phil Bredfeldt:

DHL Analytical received 8 sample(s) on 6/17/2011 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAC except where noted in the Case Narrative. All non-NELAC methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

John DuPont
General Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-11-6

ACCREDITED IN ACCORDANCE WITH nelac

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DHL ANALYTICAL

2300 Double Creek Dr. ■ Round Round Rock, TX 78664
Phone (512) 388-8222 ■ FAX (512) 388-8229
Web: www.dhlanalytical.com
E-Mail: login@dhlanalytical.com

№ 50901

CHAIN-OF-CUSTODY

CLIENT: TCEQ / Weston Solutions
ADDRESS: 2705 Bee Cave Rd, Suite 100
PHONE: 512-332-8932 FAX/E-MAIL:
DATA REPORTED TO: Phil Bredfeldt
ADDITIONAL REPORT COPIES TO:

DATE: 6/16/11 PAGE 1 OF 1
PO #: DHL WORK ORDER #: 1106125
PROJECT LOCATION OR NAME: TCEQ Encycle
CLENT PROJECT #: 02444.019.005.0072 COLLECTOR: D. Alaniz & F. Yepez

Authorize 5% surcharge for TRRP Report? ☐ Yes ☐ No

S=SOIL P=PAINT W=WATER SL=SLUDGE A=AIR O=OTHER L=LIQUID SO=SOLID

PRESERVATION: HCl, HNO_3, H_2SO_4 ☐ NaOH ☐, ICE, UNPRESERVED

ANALYSES: BTEX ☐ MTBE ☐ (METHOD 8021) TPH 1005 ☐ TPH 1006 ☐ HOLD 1006 ☐ GRO (METHOD 8015) ☐ DRO (METHOD 8105) ☐ VOC 8260 ☐ VOC 624 ☐ VOC 8260/5035 ☐ SVOC 8270 ☐ SVOC 625 ☐ 8081 PEST ☐ 608 PEST/PCB ☐ 8270 PEST ☐ 8270 O-P PEST ☐ 8082 PCB ☐ 8270 PCB ☐ 8321 HERB ☐ METALS 6020 ☐ METALS 200.8 ☐ DISS. METALS ☐ PERCHLORATE ☐ RCRA ☐ TX11 ☐ PH ☐ HEX CHROM ☐ ALKALINITY ☐ CHLORIDE ☐ ANIONS ☐ TCLP-SVOC ☐ VOC ☐ PEST ☐ HERB ☐ TCLP-METALS ☐ RCRA 8 ☐ TX-11 ☐ Pb ☐ RCI ☐ TOX ☐ FLASHPOINT ☐ TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ W/ Amoeba 1206.5

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	HCl	HNO_3	H_2SO_4	ICE	UNPRESERVED	BTEX	TPH 1005	GRO	VOC 8260	SVOC 8270	8081 PEST	8270 O-P PEST	8321 HERB	METALS 6020	RCRA	PH	CHLORIDE	TCLP-SVOC	TCLP-METALS	RCI	TDS	W/ Amoeba	FIELD NOTES
ER-061611	01	6/16/11	1005	W	1L02 Amber	4				✓					✓	✓											✓		
SE-06	02		1010	O	8oz jar	1				✓					✓	✓											✓		
SE-07	03		1410	O	8oz jar	1				✓					✓	✓											✓		
GM-01	04		1525	SO	8oz jar	1				✓					✓	✓											✓		
SE-03	05		1645	O	8oz jar	1				✓					✓	✓											✓		
SE-09	06		1700	O	8oz jar	1				✓					✓	✓											✓		
GM-99	07	↓	1600	SO	8oz jar	1				✓					✓	✓											✓		
ER-061611	08	6/16/11	1710	W	1L02 Amber	4				✓					✓	✓													
TOTAL																													

RELINQUISHED BY: (Signature) DATE/TIME 6/16/11 1830 RECEIVED BY: (Signature)
RELINQUISHED BY: (Signature) DATE/TIME 6/17/11 RECEIVED BY: (Signature)
RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)

☐ DHL DISPOSAL @ $5.00 each ☐ Return

TURN AROUND TIME
RUSH ☐ CALL FIRST
1 DAY ☐ CALL FIRST
2 DAY ☐
NORMAL ☒
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 2.2 THERM #: 57
CUSTODY SEALS: ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #:
☐ APC DELIVERY
☐ HAND DELIVERED

FedEx. NEW Package Express

8757 9729 1804

Recipient's Copy

1 From

Date 6/16/11

Sender's Name Debra ah Nuiz Phone 512 423-5201

Company Austin Solutions

Address [redacted] Lane Suite 205

City Austin State TX Zip 78711

2 Your Internal Billing Reference 2444.017.005.007

3 To

Recipient's Name [illegible] Phone 512 345-[illegible]

Company [illegible]

Address [illegible] Double Creek Dr

HOLD Weekday

HOLD Saturday

Address

City Round Rock State TX Zip 78664

4 Express Package Service

Packages up to 150 lbs.

Next Business Day

- FedEx First Overnight
- FedEx Priority Overnight
- FedEx Standard Overnight

2nd Business Day

- NEW FedEx 2Day A.M.
- FedEx 2Day
- FedEx Express Saver

Freight

- FedEx Envelope*
- FedEx Pak*
- FedEx Box
- FedEx Tube
- Other

5 Special Handling and Delivery Signature Options

SATURDAY Delivery

- No Signature Required
- Direct Signature
- Indirect Signature

Does this shipment contain dangerous goods?

- No
- Yes
- Yes
- Dry Ice
- Cargo Aircraft Only

7 Payment Bill to:

- Sender
- Recipient
- Third Party
- Credit Card
- Cash/Check

Obtain recip. Acct. No.

Total Packages | Total Weight | Total Declared Value*

612

fedex.com 1.800.GoFedEx 1.800.463.3339

QEC

Quality Environmental Containers

800-235-[illegible] · 314-205-[illegible]

DHL Analytical

Sample Receipt Checklist

Client Name Weston Solutions, Inc. | Date Received: 6/17/2011

Work Order Number 1106125 | Received by JB

Checklist completed by: [signature] 6/17/11 (Signature / Date) Reviewed by SS 6-17-11 (Initials / Date)

Carrier name: FedEx 1day

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	2.2 °C
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Adjusted? _____ Checked by _____

Any No response must be detailed in the comments section below.

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Page 1 of 1

Laboratory Data Package Signature Page – RG-366/TRRP-13
Revised May 2010

This data package consists of:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation;
R2 Sample identification cross-reference;
R3 Test reports (analytical data sheets) for each environmental sample that includes:
- a) Items consistent with NELAC Chapter 5,
- b) dilution factors,
- c) preparation methods,
- d) cleanup methods, and
- e) if required for the project, tentatively identified compounds (TICs).

R4 Surrogate recovery data including:
- a) Calculated recovery (%R), and
- b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;
R6 Test reports/summary forms for laboratory control samples (LCSs) including:
- a) LCS spiking amounts,
- b) Calculated %R for each analyte, and
- c) The laboratory's LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
- a) Samples associated with the MS/MSD clearly identified,
- b) MS/MSD spiking amounts,
- c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
- d) Calculated %Rs and relative percent differences (RPDs), and
- e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) recovery and precision:
- a) The amount of analyte measured in the duplicate,
- b) The calculated RPD, and
- c) The laboratory's QC limits for analytical duplicates.

R9 ~~List of method quantitation limits (MQLs) and detectability check sample results (DCS results can be found~~ with the Miscellaneous Documents) for each analyte for each method and matrix;
R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in Laboratory Review checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information or data affecting the quality of the data has been knowingly withheld.

This laboratory was last inspected by TCEQ on April 6-8, 2009. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

John DuPont – General Manager
Scott Schroeder – Technical Director

Signature: [signature] for JD
Date: 7/1/2011

DHL Analytical, Inc.

Laboratory Review Checklist: Reportable Data

Project Name: TCEQ Encycle	Date: 7/1/2011
Reviewer Name: Angie O'Donnell	Laboratory Work Order: 1106125
Prep Batch Number(s): See Prep Dates Report	Run Batch: See Analytical Dates Report

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-Custody (C-O-C)**					
		1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				R1-01
		2) Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and Quality Control (QC) Identification**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test Reports**					
		1) Were all samples prepared and analyzed within holding times?	X				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample detection limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?	X				
		7) Were % moisture (or solids) reported for all soil and sediment samples?	X				
		8) Were bulk soils/solids samples for volatile analysis extracted with methanol per EPA Method 5035?			X		
		9) If required for the project, TICs reported?			X		
R4	O	**Surrogate Recovery Data**					
		1) Were surrogates added prior to extraction?	X				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?		X			R4-02
R5	OI	**Test Reports/Summary Forms for Blank Samples**					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Where method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations < MQL?		X			R5-04
R6	OI	**Laboratory Control Samples (LCS):**					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		6) Was the LCSD RPD within QC limits (if applicable)?	X				
R7	OI	**Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Data**					
		1) Were the project/method specified analytes included in the MS and MSD?	X				
		2) Were MS/MSD analyzed at the appropriate frequency?	X				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			R7-03
		4) Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical Duplicate Data**					
		1) Were appropriate analytical duplicates analyzed for each matrix?	X				
		2) Were analytical duplicates analyzed at the appropriate frequency?	X				
		3) Were RPDs or relative standard deviations within the laborstory QC limits?	X				
R9	OI	**Method Quantitation Limits (MQLs):**					
		1) Are the MQLs for each method analyte included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other Problems/Anomalies**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				R10-01
		2) Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		3) Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

DHL Analytical, Inc.

Laboratory Review Checklist (continued): Supporting Data

Project Name: TCEQ Encycle	Date: 7/1/2011
Reviewer Name: Angie O'Donnell	Laboratory Work Order: 1106125

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial Calibration (ICAL)**					
		1) Were response factors and/or relative response factors for each analyte within QC limits?	X				
		2) Were percent RSDs or correlation coefficient criteria met?	X				
		3) Was the number of standards recommended in the method used for all analytes?	X				
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		5) Are ICAL data available for all instruments used?	X				
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and Continuing calibration Verification (ICCV and CCV) and Continuing Calibration blank (CCB):**					
		1) Was the CCV analyzed at the method-required frequency?	X				
		2) Were percent differences for each analyte within the method-required QC limits?	X				
		3) Was the ICAL curve verified for each analyte?	X				
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass Spectral Tuning:**					
		1) Was the appropriate compound for the method used for tuning?	X				
		2) Were ion abundance data within the method-required QC limits?	X				
S4	O	**Internal Standards (IS):**					
		1) Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	**Raw Data (NELAC Section 5.5.10)**					
		1) Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		2) Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual Column Confirmation**					
		1) Did dual column confirmation results meet the method-required QC?	X				
S7	O	**Tentatively Identified Compounds (TICs):**					
		1) If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) Results:**					
		1) Were percent recoveries within method QC limits?			X		
S9	I	**Serial Dilutions, Post Digestion Spikes, and Method of Standard Additions**					
		1) Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
	OI	**Method Detection Limit (MDL) Studies**					
		1) Was a MDL study performed for each reported analyte?	X				
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency Test Reports:**					
		1) Was the lab's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards Documentation**					
		1) Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/Analyte Identification Procedures**					
		1) Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of Analyst Competency (DOC)**					
		1) Was DOC conducted consistent with NELAC Chapter 5 – Appendix C?	X				
		2) Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/Validation Documentation for Methods** (NELAC Chapter 5)					
		1) Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory Standard Operating Procedures (SOPs):**					
		1) Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

DCS REPORTING

RunID:	GC16_110624A	Prep Date:	6/22/2011
SampID:	DCS-46881	Anaysis Date:	6/24/2011
TestNo:	SW8082A	Units:	mg/Kg
BatchID:	46881		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
Aroclor 1016	0.0432	0.1	0.075	57.6	20	400	
Aroclor 1260	0.0428	0.1	0.075	57 1	20	400	

DCS REPORTING

RunID:	GC16_110427A	Prep Date:	4/19/2011
SampID:	DCS-45959	Anaysis Date:	4/27/2011
TestNo:	SW8082A	Units:	µg/L
BatchID:	45959		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
Aroclor 1016	0.272	0.3	0.2	136	20	400	
Aroclor 1260	0.163	0.3	0.2	81.7	20	400	

DCS REPORTING

RunID:	GCMS9_110511D	Prep Date:	4/25/2011
SampID:	DCS1-46031	Anaysis Date:	5/11/2011
TestNo:	SW8270D	Units:	mg/Kg
BatchID:	46031		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,2,4,5-Tetrachlorobenzene	0.00400	0.009	0.0053	75.5	20	400	
1,2,4-Trichlorobenzene	0.00400	0.009	0.0053	75.5	20	400	
1,2-Dichlorobenzene	0.00400	0.009	0.0053	75.5	20	400	
1,2-Diphenylhydrazine	0.00533	0.009	0.0053	101	20	400	
1,3-Dichlorobenzene	0.00400	0.009	0.0053	75.5	20	400	
1,4-Dichlorobenzene	0.00400	0.009	0.0053	75.5	20	400	
1-Methylnaphthalene	0.00400	0.009	0.0053	75.5	20	400	
2,3,4,6-Tetrachlorophenol	0.00400	0.03	0.0053	75.5	20	400	
2,4,5-Trichlorophenol	0.00400	0.009	0.0053	75.5	20	400	
2,4,6-Trichlorophenol	0.00400	0.009	0.0053	75.5	20	400	
2,4-Dichlorophenol	0.00400	0.009	0.0053	75.5	20	400	
2,4-Dimethylphenol	0.00533	0.03	0.0053	101	20	400	
2,4-Dinitrotoluene	0.00267	0.009	0.0053	50.3	20	400	
2,6-Dichlorophenol	0.00400	0.009	0.0053	75.5	20	400	
2,6-Dinitrotoluene	0.00533	0.009	0.0053	101	20	400	
2-Chloronaphthalene	0.00400	0.009	0.0053	75.5	20	400	
2-Chlorophenol	0.00400	0.009	0.0053	75.5	20	400	
2-Methylnaphthalene	0.00533	0.009	0.0053	101	20	400	
2-Methylphenol	0.00400	0.009	0.0053	75.5	20	400	
2-Nitroaniline	0.00400	0.009	0.0053	75.5	20	400	
2-Nitrophenol	0.00400	0.009	0.0053	75.5	20	400	
3,3'-Dichlorobenzidine	0.00267	0.03	0.0053	50.3	20	400	
3-Nitroaniline	0.00267	0.009	0.0053	50.3	20	400	
4,6-Dinitro-2-methylphenol	0.00533	0.03	0.0053	101	20	400	
4-Bromophenyl phenyl ether	0.00400	0.009	0.0053	75.5	20	400	
4-Chloro-3-methylphenol	0.00533	0.03	0.0053	101	20	400	
4-Chloroaniline	0.00133	0.03	0.0053	25.2	20	400	
4-Chlorophenyl phenyl ether	0.00400	0.009	0.0053	75.5	20	400	
4-Methylphenol	0.00800	0.009	0.0053	151	20	400	
4-Nitroaniline	0.00267	0.009	0.0053	50.3	20	400	
4-Nitrophenol	0.00400	0.03	0.0053	75.5	20	400	
Acenaphthene	0.00400	0.009	0.0053	75.5	20	400	
Acenaphthylene	0.00400	0.009	0.0053	75.5	20	400	
Acetophenone	0.00400	0.009	0.0053	75.5	20	400	
Aniline	0.00267	0.03	0.0053	50.3	20	400	
Anthracene	0.00533	0.009	0.0053	101	20	400	
Atrazine	0.00400	0.009	0.0053	75.5	20	400	
Benzaldehyde	0.00667	0.03	0.0053	126	20	400	
Benzo[a]anthracene	0.00267	0.009	0.0053	50.3	20	400	
Benzo[a]pyrene	0.00400	0.009	0.0053	75.5	20	400	
Benzo[b]fluoranthene	0.00400	0.009	0.0053	75.5	20	400	
Benzo[g,h,i]perylene	0.00400	0.009	0.0053	75.5	20	400	
Benzo[k]fluoranthene	0.00400	0.009	0.0053	75.5	20	400	

DCS REPORTING

RunID:	GCMS9_110511D	Prep Date:	4/25/2011
SampID:	DCS1-46031	Anaysis Date:	5/11/2011
TestNo:	SW8270D	Units:	mg/Kg
BatchID:	46031		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
Benzoic acid	0.00400	0.09	0.0053	75.5	20	400	
Benzyl alcohol	0.00800	0.09	0.0053	151	20	400	
Biphenyl	0.00400	0.009	0.0053	75.5	20	400	
Bis(2-chloroethoxy)methane	0.00400	0.009	0.0053	75.5	20	400	
Bis(2-chloroethyl)ether	0.00533	0.009	0.0053	101	20	400	
Bis(2-chloroisopropyl)ether	0.00267	0.009	0.0053	50.3	20	400	
Bis(2-ethylhexyl)phthalate	0.00800	0.09	0.0053	151	20	400	
Butyl benzyl phthalate	0.00533	0.09	0.0053	101	20	400	
Caprolactam	0.00533	0.09	0.0053	101	20	400	
Carbazole	0.00533	0.009	0.0053	101	20	400	
Chrysene	0.00533	0.009	0.0053	101	20	400	
Di-n-butyl phthalate	0.0200	0.09	0.0053	377	20	400	
Di-n-octyl phthalate	0.00400	0.09	0.0053	75.5	20	400	
Dibenz[a,h]anthracene	0.00400	0.009	0.0053	75.5	20	400	
Dibenzofuran	0.00400	0.009	0.0053	75.5	20	400	
Diethyl phthalate	0.00533	0.09	0.0053	101	20	400	
Dimethyl phthalate	0.00533	0.09	0.0053	101	20	400	
Fluoranthene	0.00533	0.009	0.0053	101	20	400	
Fluorene	0.00400	0.009	0.0053	75.5	20	400	
Hexachlorobenzene	0.00533	0.009	0.0053	101	20	400	
Hexachlorobutadiene	0.00400	0.009	0.0053	75.5	20	400	
Hexachloroethane	0.00400	0.009	0.0053	75.5	20	400	
Indeno[1,2,3-cd]pyrene	0.00400	0.009	0.0053	75.5	20	400	
Isophorone	0.00400	0.009	0.0053	75.5	20	400	
N-Nitroso-di-n-butylamine	0.00533	0.03	0.0053	101	20	400	
N-Nitrosodi-n-propylamine	0.00533	0.009	0.0053	101	20	400	
N-Nitrosodiethylamine	0.00400	0.09	0.0053	75.5	20	400	
N-Nitrosodimethylamine	0.0107	0.09	0.0053	201	20	400	
N-Nitrosodiphenylamine	0.00533	0.009	0.0053	101	20	400	
Naphthalene	0.00533	0.009	0.0053	101	20	400	
Nitrobenzene	0.00667	0.009	0.0053	126	20	400	
Pentachlorobenzene	0.00400	0.009	0.0053	75.5	20	400	
Pentachlorophenol	0.00533	0.009	0.0053	101	20	400	
Phenanthrene	0.00533	0.009	0.0053	101	20	400	
Phenol	0.00533	0.03	0.0053	101	20	400	
Pyrene	0.00533	0.009	0.0053	101	20	400	
Pyridine	0.00800	0.09	0.0053	151	20	400	

DCS REPORTING

RunID:	GCMS9_110511D	Prep Date:	4/25/2011
SampID:	DCS2-46031	Anaysis Date:	5/11/2011
TestNo:	SW8270D	Units:	mg/Kg
BatchID:	46031		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
2,4-Dinitrophenol	0.00800	0.09	0.0133	60.4	20	400	
Benzidine	0.0200	0.09	0.0133	151	20	400	
Hexachlorocyclopentadiene	0.00933	0.09	0.0133	70.4	20	400	

DCS REPORTING

RunID:	GCMS9_110415A	Prep Date:	4/14/2011
SampID:	DCS1-45878	Anaysis Date:	4/15/2011
TestNo:	SW8270D	Units:	µg/L
BatchID:	45878		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,2,4,5-Tetrachlorobenzene	0.200	0.2	0.16	125	20	400	
1,2,4-Trichlorobenzene	0.120	0.2	0.16	75.0	20	400	
1,2-Dichlorobenzene	0.120	0.2	0.16	75.0	20	400	
1,2-Diphenylhydrazine	0.160	0.2	0.16	100	20	400	
1,3-Dichlorobenzene	0.120	0.2	0.16	75.0	20	400	
1,4-Dichlorobenzene	0.120	0.2	0.16	75.0	20	400	
1-Methylnaphthalene	0.200	0.2	0.16	125	20	400	
2,3,4,6-Tetrachlorophenol	0.160	0.8	0.16	100	20	400	
2,4,5-Trichlorophenol	0.200	0.2	0.16	125	20	400	
2,4,6-Trichlorophenol	0.200	0.2	0.16	125	20	400	
2,4-Dichlorophenol	0.200	0.2	0.16	125	20	400	
2,4-Dimethylphenol	0.200	0.8	0.16	125	20	400	
2,4-Dinitrotoluene	0.120	0.2	0.16	75.0	20	400	
2,6-Dichlorophenol	0.200	0.2	0.16	125	20	400	
2,6-Dinitrotoluene	0.160	0.2	0.16	100	20	400	
2-Chloronaphthalene	0.160	0.2	0.16	100	20	400	
2-Chlorophenol	0.160	0.2	0.16	100	20	400	
2-Methylnaphthalene	0.160	0.2	0.16	100	20	400	
2-Methylphenol	0.0800	0.2	0.16	50.0	20	400	
2-Nitroaniline	0.120	0.2	0.16	75.0	20	400	
2-Nitrophenol	0.160	0.2	0.16	100	20	400	
3,3'-Dichlorobenzidine	0.0800	0.8	0.16	50.0	20	400	
3-Nitroaniline	0.120	0.2	0.16	75.0	20	400	
4,6-Dinitro-2-methylphenol	0.160	0.8	0.16	100	20	400	
4-Bromophenyl phenyl ether	0.160	0.2	0.16	100	20	400	
4-Chloro-3-methylphenol	0.240	0.8	0.16	150	20	400	
4-Chloroaniline	0.120	0.8	0.16	75.0	20	400	
4-Chlorophenyl phenyl ether	0.160	0.2	0.16	100	20	400	
4-Methylphenol	0.160	0.2	0.16	100	20	400	
4-Nitroaniline	0.120	0.2	0.16	75.0	20	400	
4-Nitrophenol	0.160	0.8	0.16	100	20	400	
Acenaphthene	0.200	0.2	0.16	125	20	400	
Acenaphthylene	0.160	0.2	0.16	100	20	400	
Acetophenone	0.200	0.8	0.16	125	20	400	
Aniline	0.0800	0.8	0.16	50.0	20	400	
Anthracene	0.200	0.2	0.16	125	20	400	
Atrazine	0.160	0.2	0.16	100	20	400	
Benzaldehyde	0.200	0.8	0.16	125	20	400	
Benzo[a]anthracene	0.120	0.2	0.16	75.0	20	400	
Benzo[a]pyrene	0.160	0.2	0.16	100	20	400	
Benzo[b]fluoranthene	0.160	0.2	0.16	100	20	400	
Benzo[g,h,i]perylene	0.200	0.2	0.16	125	20	400	
Benzo[k]fluoranthene	0.200	0.2	0.16	125	20	400	

DCS REPORTING

RunID:	GCM89_110415A	Prep Date:	4/14/2011
SampID:	DCS1-45878	Analysis Date:	4/15/2011
TestNo:	SW8270D	Units:	µg/L
BatchID:	45878		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
Benzoic acid	0.400	3	0.16	250	20	400	
Benzyl alcohol	0.320	3	0.16	200	20	400	
Biphenyl	0.200	0.2	0.16	125	20	400	
Bis(2-chloroethoxy)methane	0.200	0.2	0.16	125	20	400	
Bis(2-chloroethyl)ether	0.160	0.2	0.16	100	20	400	
Bis(2-chloroisopropyl)ether	0.0800	0.2	0.16	50.0	20	400	
Bis(2-ethylhexyl)phthalate	0.320	3	0.16	200	20	400	
Butyl benzyl phthalate	0.200	3	0.16	125	20	400	
Caprolactam	0.0800	3	0.16	50.0	20	400	
Carbazole	0.160	0.2	0.16	100	20	400	
Chrysene	0.200	0.2	0.16	125	20	400	
Di-n-butyl phthalate	0.360	3	0.16	225	20	400	
Di-n-octyl phthalate	0.120	3	0.16	75.0	20	400	
Dibenz[a,h]anthracene	0.160	0.2	0.16	100	20	400	
Dibenzofuran	0.160	0.2	0.16	100	20	400	
Diethyl phthalate	0.240	3	0.16	150	20	400	
Dimethyl phthalate	0.200	3	0.16	125	20	400	
Fluoranthene	0.200	0.2	0.16	125	20	400	
Fluorene	0.160	0.2	0.16	100	20	400	
Hexachlorobenzene	0.160	0.2	0.16	100	20	400	
Hexachlorobutadiene	0.120	0.2	0.16	75.0	20	400	
Hexachloroethane	0.120	0.2	0.16	75.0	20	400	
Indeno[1,2,3-cd]pyrene	0.160	0.2	0.16	100	20	400	
Isophorone	0.200	0.2	0.16	125	20	400	
N-Nitroso-di-n-butylamine	0.200	0.8	0.16	125	20	400	
N-Nitrosodi-n-propylamine	0.200	0.2	0.16	125	20	400	
N-Nitrosodiethylamine	0.120	3	0.16	75.0	20	400	
N-Nitrosodimethylamine	0.0800	3	0.16	50.0	20	400	
N-Nitrosodiphenylamine	0.200	0.2	0.16	125	20	400	
Naphthalene	0.160	0.2	0.16	100	20	400	
Nitrobenzene	0.240	0.2	0.16	150	20	400	
Pentachlorobenzene	0.120	0.2	0.16	75.0	20	400	
Pentachlorophenol	0.160	0.2	0.16	100	20	400	
Phenanthrene	0.200	0.2	0.16	125	20	400	
Phenol	0.120	0.8	0.16	75.0	20	400	
Pyrene	0.200	0.2	0.16	125	20	400	
Pyridine	0.0400	0.8	0.16	25.0	20	400	

DCS REPORTING

RunID:	GCMS9_110415A	Prep Date:	4/14/2011
SampID:	DCS2-45878	Anaysis Date:	4/15/2011
TestNo:	SW8270D	Units:	µg/L
BatchID:	45878		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
2,4-Dinitrophenol	0.240	3	0.4	60.0	20	400	
Benzidine	0.0800	3	0.4	20.0	20	400	
Hexachlorocyclopentadiene	0.240	3	0.4	60.0	20	400	
Pyridine	0.320	0.8	0.4	80.0	20	400	

DHL Analytical

Date: 07/01/11

CLIENT:	Weston Solutions, Inc.	
Project:	TCEQ Encycle	**CASE NARRATIVE**
Lab Order:	1106125	

The samples were analyzed using the methods outlined in the following references:

Method S[illegible] - Semivolatile Organics (Benzaldehyde is not NELAC certified)
Method SW[illegible]B Analysis (Arochlor 1268 is not NELAC certified)
Method D221[illegible]t Moisture

Exception Report R[illegible]

The samples were receiv[illegible]-in performed on 6/17/2011. A total of 8 samples were received. The samples arrived in good co[illegible] and were properly packaged.

Exception Report R4-02

For PCB Analysis, the recovery of surrogate Decachlorobiphenyl for six samples and the Matrix Spike Duplicate (1106136-09 MSD) was below the method control limits. These are flagged accordingly in the Analytical Data report and the QC Summary report. The remaining surrogate for these samples were within method control limits. No further corrective action was taken.

Exception Report R5-04

For Semivolatiles Analysis, Benzoic Acid was detected above the reporting limit in Method Blank 46871 due to laboratory artifact. This compound may be biased high in associated samples ER-061611 and ER-061611.

For Semivolatiles Analysis, 3,3-dichlorobenzidine was detected below the reporting limit for the Method Blank and System Blank-47008. All associated samples are nondetect for this compound.

Exception Report R7-03

For Semivolatiles Analysis, for batch 46871, the recovery of Benzoic Acid for the Matrix Spike and Matrix Spike Duplicate (1106121-05 MS/MSD) was above the method control limits. These are flagged accordingly in the QC Summary Report. This compound was within method control limits in the associated LCS. The sample selected for the matrix spike and matrix spike duplicate was not from this work order. No further corrective actions were taken.

For Semivolatiles Analysis, for batch 47008, the recoveries of Benzoic Acid and 3,3'-Dichlorobenzidine for the Matrix Spike and Matrix Spike Duplicate (1106136-09 MS/MSD) were outside of the method control limits. These are flagged accordingly in the QC Summary Report. These compounds were within method control limits in the associated LCS. The sample selected for the matrix spike and matrix spike duplicate was not from this work order. No further corrective actions were taken.

DHL Analytical

Date: 07/01/11

CLIENT: Weston Solutions, Inc.
Project: TCEQ Encycle
Lab Order: 1106125

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recv'd
1106125-01	ER-061611		06/16/11 10:05 AM	06/17/11
1106125-02	SE-06		06/16/11 10:40 AM	06/17/11
1106125-03	SE-07		06/16/11 02:40 PM	06/17/11
1106125-04	GM-01		06/16/11 03:25 PM	06/17/11
1106125-05	SE-03		06/16/11 04:45 PM	06/17/11
1106125-06	SE-09		06/16/11 05:00 PM	06/17/11
1106125-07	GM-99		06/16/11 04:00 PM	06/17/11
1106125-08	ER-061611		06/16/11 05:10 PM	06/17/11

CLIENT: Weston Solutions, Inc.
Project: TCEQ Encycle
Lab Order: 1106125

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
1106125-01A	ER-061611	06/16/11 10:05 AM	Equip Blank	SW3510C	Aq Prep Sep Funnel: BNA	06/21/11 02:22 PM	46871
1106125-01B	ER-061611	06/16/11 10:05 AM	Equip Blank	SW3510C	Aq Prep Sep Funnel: PCB	06/21/11 08:47 AM	46847
1106125-02A	SE-06	06/16/11 10:40 AM	Sediment	SW3550C	Soil Prep Sonication: PCB	06/28/11 09:53 AM	46988
	SE-06	06/16/11 10:40 AM	Sediment	SW3550C	Soil Prep Sonication: PCB	06/28/11 09:53 AM	46988
	SE-06	06/16/11 10:40 AM	Sediment	SW3550C	Soil Prep Sonication. BNA	06/29/11 10:07 AM	47008
	SE-06	06/16/11 10:40 AM	Sediment	D2216	Moisture Preparation	06/23/11 09:06 AM	46900
1106125-03A	SE-07	06/16/11 02:40 PM	Sediment	SW3550C	Soil Prep Sonication: PCB	06/28/11 09:53 AM	46988
	SE-07	06/16/11 02:40 PM	Sediment	SW3550C	Soil Prep Sonication: PCB	06/28/11 09:53 AM	46988
	SE-07	06/16/11 02:40 PM	Sediment	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
	SE-07	06/16/11 02:40 PM	Sediment	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
	SE-07	06/16/11 02:40 PM	Sediment	D2216	Moisture Preparation	06/23/11 09:06 AM	46900
1106125-04A	GM-01	06/16/11 03:25 PM	Solid	SW3550C	Soil Prep Sonication: PCB	06/28/11 09:53 AM	46988
	GM-01	06/16/11 03:25 PM	Solid	SW3550C	Soil Prep Sonication: PCB	06/28/11 09:53 AM	46988
	GM-01	06/16/11 03:25 PM	Solid	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
1106125-05A	SE-03	06/16/11 04:45 PM	Sediment	SW3550C	Soil Prep Sonication: PCB	06/28/11 09:53 AM	46988
	SE-03	06/16/11 04:45 PM	Sediment	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
	SE-03	06/16/11 04:45 PM	Sediment	SW3550C	Soil Prep Sonication. BNA	06/29/11 10:07 AM	47008
	SE-03	06/16/11 04:45 PM	Sediment	D2216	Moisture Preparation	06/23/11 09:06 AM	46900
1106125-06A	SE-09	06/16/11 05:00 PM	Sediment	SW3550C	Soil Prep Sonication: PCB	06/28/11 09:53 AM	46988
	SE-09	06/16/11 05:00 PM	Sediment	SW3550C	Soil Prep Sonication: PCB	06/28/11 09:53 AM	46988
	SE-09	06/16/11 05:00 PM	Sediment	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
	SE-09	06/16/11 05:00 PM	Sediment	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
	SE-09	06/16/11 05:00 PM	Sediment	D2216	Moisture Preparation	06/23/11 09:06 AM	46900
1106125-07A	GM-99	06/16/11 04:00 PM	Solid	SW3550C	Soil Prep Sonication: PCB	06/28/11 09:53 AM	46988
	GM-99	06/16/11 04:00 PM	Solid	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
1106125-08A	ER-061611	06/16/11 05:10 PM	Equip Blank	SW3510C	Aq Prep Sep Funnel: BNA	06/21/11 02:22 PM	46871
1106125-08B	ER-061611	06/16/11 05:10 PM	Equip Blank	SW3510C	Aq Prep Sep Funnel: PCB	06/21/11 08:47 AM	46847

CLIENT: Weston Solutions, Inc.
Project: TCEQ Encycle
Lab Order: 1106125

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
1106125-01A	ER-061611	Equip Blank	SW8270D	Semivolatiles by GC/MS - Water	46871	1	06/22/11 08:49 PM	GCMS9_110622A
1106125-01B	ER-061611	Equip Blank	SW8082A	PCB by GC - Aqueous	46847	1	06/24/11 02:28 AM	GC16_110623A
1106125-02A	SE-06	Sediment	SW8082A	PCB by GC - Soil/Solid	46988	5	06/29/11 08:13 PM	GC16_110629A
	SE-06	Sediment	SW8082A	PCB by GC - Soil/Solid	46988	1	06/30/11 05:46 PM	GC16_110630A
	SE-06	Sediment	D2216	Percent Moisture	46900	1	06/24/11 09:40 AM	PMOIST_110623A
	SE-06	Sediment	SW8270D	Semivolatiles by GC/MS - Soil	47008	1	06/30/11 02:05 AM	GCMS9_110629A
1106125-03A	SE-07	Sediment	SW8082A	PCB by GC - Soil/Solid	46988	5	06/29/11 08:40 PM	GC16_110629A
	SE-07	Sediment	SW8082A	PCB by GC - Soil/Solid	46988	1	06/30/11 09:05 PM	GC16_110630A
	SE-07	Sediment	D2216	Percent Moisture	46900	1	06/24/11 09:40 AM	PMOIST_110623A
	SE-07	Sediment	SW8270D	Semivolatiles by GC/MS - Soil	47008	1	06/30/11 02:28 AM	GCMS9_110629A
	SE-07	Sediment	SW8270D	Semivolatiles by GC/MS - Soil	47008	10	06/30/11 11:43 PM	GCMS9_110630A
1106125-04A	GM-01	Solid	SW8082A	PCB by GC - Soil/Solid	46988	5	06/29/11 05:08 PM	GC16_110629A
	GM-01	Solid	SW8082A	PCB by GC - Soil/Solid	46988	1	06/30/11 07:04 PM	GC16_110630A
	GM-01	Solid	SW8270D	Semivolatiles by GC/MS - Soil	47008	5	07/01/11 01:59 AM	GCMS9_110630A
1106125-05A	SE-03	Sediment	SW8082A	PCB by GC - Soil/Solid	46988	5	06/29/11 06:53 PM	GC16_110629A
	SE-03	Sediment	D2216	Percent Moisture	46900	1	06/24/11 09:40 AM	PMOIST_110623A
	SE-03	Sediment	SW8270D	Semivolatiles by GC/MS - Soil	47008	5	06/30/11 12:55 AM	GCMS9_110629A
	SE-03	Sediment	SW8270D	Semivolatiles by GC/MS - Soil	47008	50	06/30/11 10:34 PM	GCMS9_110630A
1106125-06A	SE-09	Sediment	SW8082A	PCB by GC - Soil/Solid	46988	5	06/29/11 07:20 PM	GC16_110629A
	SE-09	Sediment	SW8082A	PCB by GC - Soil/Solid	46988	1	06/30/11 06:12 PM	GC16_110630A
	SE-09	Sediment	D2216	Percent Moisture	46900	1	06/24/11 09:40 AM	PMOIST_110623A
	SE-09	Sediment	SW8270D	Semivolatiles by GC/MS - Soil	47008	1	06/30/11 12:10 AM	GCMS9_110629A
	SE-09	Sediment	SW8270D	Semivolatiles by GC/MS - Soil	47008	10	06/30/11 11:20 PM	GCMS9_110630A
1106125-07A	GM-99	Solid	SW8082A	PCB by GC - Soil/Solid	46988	5	06/29/11 05:34 PM	GC16_110629A
	GM-99	Solid	SW8270D	Semivolatiles by GC/MS - Soil	47008	5	07/01/11 03:08 AM	GCMS9_110630A
1106125-08A	ER-061611	Equip Blank	SW8270D	Semivolatiles by GC/MS - Water	46871	1	06/22/11 09:13 PM	GCMS9_110622A
1106125-08B	ER-061611	Equip Blank	SW8082A	PCB by GC - Aqueous	46847	1	06/24/11 02:54 AM	GC16_110623A

DHL Analytical

Date: 07/01/11

CLIENT: Weston Solutions, Inc.
Project: TCEQ Encycle
Project No: 02444.019.005.0072
Lab Order: 1106125

Client Sample ID: ER-061611
Lab ID: 1106125-01
Collection Date: 06/16/11 10:05 AM
Matrix: Equip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Aqueous		**SW8082A**					**Analyst: DO**
Aroclor 1016	<0.000250	0.000100	0.000250	VJL-SVR	mg/L	1	06/24/11 02:28 AM ECS
Aroclor 1221	<0.000250	0.000100	0.000250		mg/L	1	06/24/11 02:28 AM
Aroclor 1232	<0.000250	0.000100	0.000250		mg/L	1	06/24/11 02:28 AM
Aroclor 1242	<0.000250	0.000100	0.000250		mg/L	1	06/24/11 02:28 AM
Aroclor 1248	<0.000250	0.000100	0.000250		mg/L	1	06/24/11 02:28 AM
Aroclor 1254	<0.000250	0.000100	0.000250		mg/L	1	06/24/11 02:28 AM
Aroclor 1260	<0.000250	0.000100	0.000250		mg/L	1	06/24/11 02:28 AM
Surr: Decachlorobiphenyl	35.8	0	42 - 133	S	%REC	1	06/24/11 02:28 AM
Surr: Tetrachloro-m-xylene	78.6	0	25 - 140		%REC	1	06/24/11 02:28 AM
Semivolatiles by GC/MS - Water		**SW8270D**					**Analyst: DO**
2,4,5-Trichlorophenol	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
2,4,6-Trichlorophenol	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
2,4-Dichlorophenol	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
2,4-Dimethylphenol	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 08:49 PM
2,4-Dinitrophenol	<0.00400	0.000200	0.00400		mg/L	1	06/22/11 08:49 PM
2,4-Dinitrotoluene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
2,6-Dinitrotoluene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
2-Chloronaphthalene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
2-Chlorophenol	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
2-Methylnaphthalene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
2-Methylphenol	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
2-Nitroaniline	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
2-Nitrophenol	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 08:49 PM
3,3'-Dichlorobenzidine	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 08:49 PM
3-Nitroaniline	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
4,6-Dinitro-2-methylphenol	<0.00200	0.000200	0.00200		mg/L	1	06/22/11 08:49 PM
4-Bromophenyl phenyl ether	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
4-Chloro-3-methylphenol	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
4-Chloroaniline	<0.00200	0.000200	0.00200		mg/L	1	06/22/11 08:49 PM
4-Chlorophenyl phenyl ether	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
4-Methylphenol	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
4-Nitroaniline	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 08:49 PM
4-Nitrophenol	<0.00400	0.000400	0.00400		mg/L	1	06/22/11 08:49 PM
Acenaphthene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
Acenaphthylene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
Acetophenone	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
Anthracene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
Atrazine	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
Benzaldehyde	<0.000800	0.000400	0.000800	N	mg/L	1	06/22/11 08:49 PM
Benzo[a]anthracene	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 08:49 PM
Benzo[a]pyrene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
Benzo[b]fluoranthene	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 08:49 PM
Benzo[g,h,i]perylene	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 08:49 PM
Benzo[k]fluoranthene	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 08:49 PM

NCT 7.2.11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/01/11

CLIENT: Weston Solutions, Inc.
Project: TCEQ Encycle
Project No: 02444.019.005.0072
Lab Order: 1106125

Client Sample ID: ER-061611
Lab ID: 1106125-01
Collection Date: 06/16/11 10:05 AM
Matrix: Equip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzoic acid	0.00376	0.00200	0.00600	J	mg/L	1	06/22/11 08:49 PM
Benzyl alcohol	<0.00200	0.000200	0.00200		mg/L	1	06/22/11 08:49 PM
Biphenyl	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
Bis(2-chloroethoxy)methane	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
Bis(2-chloroethyl)ether	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
Bis(2-chloroisopropyl)ether	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
Bis(2-ethylhexyl)phthalate	<0.00300	0.00100	0.00300		mg/L	1	06/22/11 08:49 PM
Butyl benzyl phthalate	<0.00600	0.00200	0.00600		mg/L	1	06/22/11 08:49 PM
Caprolactam	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
Carbazole	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
Chrysene	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 08:49 PM
Di-n-butyl phthalate	<0.00600	0.00200	0.00600		mg/L	1	06/22/11 08:49 PM
Di-n-octyl phthalate	<0.00600	0.00200	0.00600		mg/L	1	06/22/11 08:49 PM
Dibenz[a,h]anthracene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
Dibenzofuran	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
Diethyl phthalate	<0.00600	0.00200	0.00600		mg/L	1	06/22/11 08:49 PM
Dimethyl phthalate	<0.00600	0.00200	0.00600		mg/L	1	06/22/11 08:49 PM
Fluoranthene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
Fluorene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
Hexachlorobenzene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
Hexachlorobutadiene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
Hexachlorocyclopentadiene	<0.00200	0.000400	0.00200		mg/L	1	06/22/11 08:49 PM
Hexachloroethane	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
Indeno[1,2,3-cd]pyrene	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 08:49 PM
Isophorone	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
N-Nitrosodi-n-propylamine	<0.000800	0.000100	0.000800		mg/L	1	06/22/11 08:49 PM
N-Nitrosodiphenylamine	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
Naphthalene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
Nitrobenzene	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 08:49 PM
Pentachlorophenol	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 08:49 PM
Phenanthrene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 08:49 PM
Phenol	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 08:49 PM
Pyrene	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 08:49 PM
Surr: 2,4,6-Tribromophenol	101	0	42 - 124		%REC	1	06/22/11 08:49 PM
Surr: 2-Fluorobiphenyl	94.5	0	48 - 120		%REC	1	06/22/11 08:49 PM
Surr: 2-Fluorophenol	67.5	0	20 - 120		%REC	1	06/22/11 08:49 PM
Surr: 4-Terphenyl-d14	116	0	51 - 135		%REC	1	06/22/11 08:49 PM
Surr: Nitrobenzene-d5	93.8	0	41 - 120		%REC	1	06/22/11 08:49 PM
Surr: Phenol-d6	41.8	0	20 - 120		%REC	1	06/22/11 08:49 PM

NKJ
7.2011

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/01/11

CLIENT: Weston Solutions, Inc.
Project: TCEQ Encycle
Project No: 02444.019.005.0072
Lab Order: 1106125

Client Sample ID: SE-06
Lab ID: 1106125-02
Collection Date: 06/16/11 10:40 AM
Matrix: Sediment

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Soil/Solid		**SW8082A**					**Analyst: DO**
Aroclor 1016	<0.138	0.0690	0.138		mg/Kg-dry	1	06/30/11 05:46 PM
Aroclor 1221	<0.138	0.0690	0.138		mg/Kg-dry	1	06/30/11 05:46 PM
Aroclor 1232	<0.138	0.0690	0.138		mg/Kg-dry	1	06/30/11 05:46 PM
Aroclor 1242	<0.138	0.0690	0.138		mg/Kg-dry	1	06/30/11 05:46 PM
Aroclor 1248	<0.138	0.0690	0.138		mg/Kg-dry	1	06/30/11 05:46 PM
Aroclor 1254	<0.138	0.0690	0.138		mg/Kg-dry	1	06/30/11 05:46 PM
Aroclor 1260	<0.138	0.0690	0.138		mg/Kg-dry	1	06/30/11 05:46 PM
Aroclor 1268	0.161	0.0690	0.138	N	mg/Kg-dry	1	06/30/11 05:46 PM
Surr: Decachlorobiphenyl	76.1	0	58 - 125		%REC	1	06/30/11 05:46 PM
Surr: Tetrachloro-m-xylene	75.1	0	40 - 130		%REC	1	06/30/11 05:46 PM
Semivolatiles by GC/MS - Soil		**SW8270D**					**Analyst: DO**
2,4,5-Trichlorophenol	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
2,4,6-Trichlorophenol	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
2,4-Dichlorophenol	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
2,4-Dimethylphenol	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
2,4-Dinitrophenol	<0.197	0.0745	0.197		mg/Kg-dry	1	06/30/11 02:05 AM
2,4-Dinitrotoluene	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
2,6-Dinitrotoluene	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
2-Chloronaphthalene	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
2-Chlorophenol	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
2-Methylnaphthalene	0.0298	0.0149	0.0396	J	mg/Kg-dry	1	06/30/11 02:05 AM
2-Methylphenol	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
2-Nitroaniline	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
2-Nitrophenol	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
3,3'-Dichlorobenzidine	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
3-Nitroaniline	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
4,6-Dinitro-2-methylphenol	<0.0983	0.0447	0.0983		mg/Kg-dry	1	06/30/11 02:05 AM
4-Bromophenyl phenyl ether	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
4-Chloro-3-methylphenol	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
4-Chloroaniline	<0.0983	0.0447	0.0983		mg/Kg-dry	1	06/30/11 02:05 AM
4-Chlorophenyl phenyl ether	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
4-Methylphenol	<0.0396	0.0298	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
4-Nitroaniline	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
4-Nitrophenol	<0.197	0.0745	0.197		mg/Kg-dry	1	06/30/11 02:05 AM
Acenaphthene	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Acenaphthylene	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Acetophenone	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Anthracene	0.0199	0.0149	0.0396	J	mg/Kg-dry	1	06/30/11 02:05 AM
Atrazine	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Benzaldehyde	<0.0396	0.0149	0.0396	N	mg/Kg-dry	1	06/30/11 02:05 AM
Benzo[a]anthracene	0.0993	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Benzo[a]pyrene	0.129	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Benzo[b]fluoranthene	0.208	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Benzo[g,h,i]perylene	0.119	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM

NKT
7-2-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/01/11

CLIENT: Weston Solutions, Inc.
Project: TCEQ Encycle
Project No: 02444.019.005.0072
Lab Order: 1106125

Client Sample ID: SE-06
Lab ID: 1106125-02
Collection Date: 06/16/11 10:40 AM
Matrix: Sediment

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzo[k]fluoranthene	0.0596	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Benzoic acid	<0.197	0.0745	0.197		mg/Kg-dry	1	06/30/11 02:05 AM
Benzyl alcohol	<0.0983	0.0149	0.0983		mg/Kg-dry	1	06/30/11 02:05 AM
Biphenyl	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Bis(2-chloroethoxy)methane	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Bis(2-chloroethyl)ether	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Bis(2-chloroisopropyl)ether	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Bis(2-ethylhexyl)phthalate	0.486	0.0447	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Butyl benzyl phthalate	<0.0983	0.0596	0.0983		mg/Kg-dry	1	06/30/11 02:05 AM
Caprolactam	<0.0396	0.0298	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Carbazole	0.0199	0.0149	0.0396	J	mg/Kg-dry	1	06/30/11 02:05 AM
Chrysene	0.119	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Di-n-butyl phthalate	<0.0983	0.0596	0.0983		mg/Kg-dry	1	06/30/11 02:05 AM
Di-n-octyl phthalate	<0.0983	0.0596	0.0983		mg/Kg-dry	1	06/30/11 02:05 AM
Dibenz[a,h]anthracene	0.0596	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Dibenzofuran	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Diethyl phthalate	<0.0983	0.0596	0.0983		mg/Kg-dry	1	06/30/11 02:05 AM
Dimethyl phthalate	<0.0983	0.0596	0.0983		mg/Kg-dry	1	06/30/11 02:05 AM
Fluoranthene	0.199	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Fluorene	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Hexachlorobenzene	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Hexachlorobutadiene	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Hexachlorocyclopentadiene	<0.0983	0.0447	0.0983		mg/Kg-dry	1	06/30/11 02:05 AM
Hexachloroethane	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Indeno[1,2,3-cd]pyrene	0.0893	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Isophorone	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
N-Nitrosodi-n-propylamine	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
N-Nitrosodiphenylamine	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Naphthalene	0.0199	0.0149	0.0396	J	mg/Kg-dry	1	06/30/11 02:05 AM
Nitrobenzene	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Pentachlorophenol	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Phenanthrene	0.109	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Phenol	<0.0396	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Pyrene	0.139	0.0149	0.0396		mg/Kg-dry	1	06/30/11 02:05 AM
Surr: 2,4,6-Tribromophenol	83.6	0	45 - 126		%REC	1	06/30/11 02:05 AM
Surr: 2-Fluorobiphenyl	67.7	0	60 - 125		%REC	1	06/30/11 02:05 AM
Surr: 2-Fluorophenol	71.4	0	37 - 125		%REC	1	06/30/11 02:05 AM
Surr: 4-Terphenyl-d14	96.0	0	45 - 125		%REC	1	06/30/11 02:05 AM
Surr: Nitrobenzene-d5	63.4	0	45 - 125		%REC	1	06/30/11 02:05 AM
Surr: Phenol-d6	67.7	0	40 - 125		%REC	1	06/30/11 02:05 AM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	33.3	0	0		WT%	1	06/24/11 09:40 AM

NLT
7-2-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/01/11

CLIENT: Weston Solutions, Inc.
Project: TCEQ Encycle
Project No: 02444.019.005.0072
Lab Order: 1106125

Client Sample ID: SE-07
Lab ID: 1106125-03
Collection Date: 06/16/11 02:40 PM
Matrix: Sediment

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Soil/Solid		**SW8082A**					**Analyst: DO**
Aroclor 1016	<0.136	0.0680	0.136	VJL-SVR	mg/Kg-dry	1	06/30/11 09:05 PM ECS
Aroclor 1221	<0.136	0.0680	0.136		mg/Kg-dry	1	06/30/11 09:05 PM
Aroclor 1232	<0.136	0.0680	0.136		mg/Kg-dry	1	06/30/11 09:05 PM
Aroclor 1242	<0.136	0.0680	0.136		mg/Kg-dry	1	06/30/11 09:05 PM
Aroclor 1248	<0.136	0.0680	0.136		mg/Kg-dry	1	06/30/11 09:05 PM
Aroclor 1254	<0.136	0.0680	0.136		mg/Kg-dry	1	06/30/11 09:05 PM
Aroclor 1260	<0.136	0.0680	0.136		mg/Kg-dry	1	06/30/11 09:05 PM
Aroclor 1268	<0.136	0.0680	0.136	N	mg/Kg-dry	1	06/30/11 09:05 PM
Surr: Decachlorobiphenyl	43.7	0	58 - 125	S	%REC	1	06/30/11 09:05 PM
Surr: Tetrachloro-m-xylene	65.6	0	40 - 130		%REC	1	06/30/11 09:05 PM
Semivolatiles by GC/MS - Soil		**SW8270D**					**Analyst: DO**
2,4,5-Trichlorophenol	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
2,4,6-Trichlorophenol	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
2,4-Dichlorophenol	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
2,4-Dimethylphenol	0.0663	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
2,4-Dinitrophenol	<0.188	0.0711	0.188		mg/Kg-dry	1	06/30/11 02:28 AM
2,4-Dinitrotoluene	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
2,6-Dinitrotoluene	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
2-Chloronaphthalene	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
2-Chlorophenol	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
2-Methylnaphthalene	0.0758	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
2-Methylphenol	0.0379	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
2-Nitroaniline	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
2-Nitrophenol	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
3,3'-Dichlorobenzidine	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
3-Nitroaniline	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
4,6-Dinitro-2-methylphenol	<0.0938	0.0427	0.0938		mg/Kg-dry	1	06/30/11 02:28 AM
4-Bromophenyl phenyl ether	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
4-Chloro-3-methylphenol	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
4-Chloroaniline	<0.0938	0.0427	0.0938		mg/Kg-dry	1	06/30/11 02:28 AM
4-Chlorophenyl phenyl ether	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
4-Methylphenol	0.104	0.0284	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
4-Nitroaniline	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
4-Nitrophenol	<0.188	0.0711	0.188	VJL-LCS	mg/Kg-dry	1	06/30/11 02:28 AM ECS
Acenaphthene	0.0948	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Acenaphthylene	0.0853	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Acetophenone	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Anthracene	0.190	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Atrazine	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Benzaldehyde	<0.0378	0.0142	0.0378	N	mg/Kg-dry	1	06/30/11 02:28 AM
Benzo[a]anthracene	1.71	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Benzo[a]pyrene	2.21	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Benzo[b]fluoranthene	3.82	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Benzo[g,h,i]perylene	1.54	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM

NKJ 7-2-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/01/11

CLIENT: Weston Solutions, Inc.
Project: TCEQ Encycle
Project No: 02444.019.005.0072
Lab Order: 1106125

Client Sample ID: SE-07
Lab ID: 1106125-03
Collection Date: 06/16/11 02:40 PM
Matrix: Sediment

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzo[k]fluoranthene	1.04	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Benzoic acid	<0.188	0.0711	0.188		mg/Kg-dry	1	06/30/11 02:28 AM
Benzyl alcohol	3.99	0.0142	0.0938		mg/Kg-dry	1	06/30/11 02:28 AM
Biphenyl	0.0190	0.0142	0.0378	J	mg/Kg-dry	1	06/30/11 02:28 AM
Bis(2-chloroethoxy)methane	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Bis(2-chloroethyl)ether	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Bis(2-chloroisopropyl)ether	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Bis(2-ethylhexyl)phthalate	1.73	0.0427	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Butyl benzyl phthalate	2.46	0.0569	0.0938		mg/Kg-dry	1	06/30/11 02:28 AM
Caprolactam	<0.0378	0.0284	0.0378	UJL-LCS	mg/Kg-dry	1	06/30/11 02:28 AM ECS
Carbazole	0.389	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Chrysene	2.76	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Di-n-butyl phthalate	0.246	0.0569	0.0938		mg/Kg-dry	1	06/30/11 02:28 AM
Di-n-octyl phthalate	<0.0938	0.0569	0.0938		mg/Kg-dry	1	06/30/11 02:28 AM
Dibenz[a,h]anthracene	0.379	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Dibenzofuran	0.104	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Diethyl phthalate	<0.0938	0.0569	0.0938		mg/Kg-dry	1	06/30/11 02:28 AM
Dimethyl phthalate	<0.0938	0.0569	0.0938		mg/Kg-dry	1	06/30/11 02:28 AM
Fluoranthene	6.35	0.142	0.378		mg/Kg-dry	10	06/30/11 11:43 PM
Fluorene	0.0758	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Hexachlorobenzene	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Hexachlorobutadiene	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Hexachlorocyclopentadiene	<0.0938	0.0427	0.0938		mg/Kg-dry	1	06/30/11 02:28 AM
Hexachloroethane	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Indeno[1,2,3-cd]pyrene	1.54	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Isophorone	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
N-Nitrosodi-n-propylamine	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
N-Nitrosodiphenylamine	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Naphthalene	0.190	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Nitrobenzene	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Pentachlorophenol	<0.0378	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Phenanthrene	3.37	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Phenol	<0.0378	0.0142	0.0378	UJL-LCS	mg/Kg-dry	1	06/30/11 02:28 AM ECS
Pyrene	4.52	0.0142	0.0378		mg/Kg-dry	1	06/30/11 02:28 AM
Surr: 2,4,6-Tribromophenol	74.6	0	45 - 126		%REC	10	06/30/11 11:43 PM
Surr: 2,4,6-Tribromophenol	76.6	0	45 - 126		%REC	1	06/30/11 02:28 AM
Surr: 2-Fluorobiphenyl	63.7	0	60 - 125		%REC	1	06/30/11 02:28 AM
Surr: 2-Fluorobiphenyl	64.7	0	60 - 125		%REC	10	06/30/11 11:43 PM
Surr: 2-Fluorophenol	65.7	0	37 - 125		%REC	1	06/30/11 02:28 AM
Surr: 2-Fluorophenol	67.2	0	37 - 125		%REC	10	06/30/11 11:43 PM
Surr: 4-Terphenyl-d14	94.3	0	45 - 125		%REC	1	06/30/11 02:28 AM
Surr: 4-Terphenyl-d14	87.1	0	45 - 125		%REC	10	06/30/11 11:43 PM
Surr: Nitrobenzene-d5	58.7	0	45 - 125		%REC	1	06/30/11 02:28 AM
Surr: Nitrobenzene-d5	59.7	0	45 - 125		%REC	10	06/30/11 11:43 PM
Surr: Phenol-d6	63.7	0	40 - 125		%REC	1	06/30/11 02:28 AM

MKJ 7-2-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/01/11

CLIENT: Weston Solutions, Inc.
Project: TCEQ Encycle
Project No: 02444.019.005.0072
Lab Order: 1106125

Client Sample ID: SE-07
Lab ID: 1106125-03
Collection Date: 06/16/11 02:40 PM
Matrix: Sediment

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Surr: Phenol-d6	64.7	0	40 - 125		%REC	10	06/30/11 11:43 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	30.1	0	0		WT%	1	06/24/11 09:40 AM

NLT
7-2-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/01/11

CLIENT: Weston Solutions, Inc.
Project: TCEQ Encycle
Project No: 02444.019.005.0072
Lab Order: 1106125

Client Sample ID: GM-01
Lab ID: 1106125-04
Collection Date: 06/16/11 03:25 PM
Matrix: Solid

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Soil/Solid		**SW8082A**					**Analyst: DO**
Aroclor 1016	<0.167	0.0833	0.167	VJL-SVR	mg/Kg	1	06/30/11 07:04 PM ECS
Aroclor 1221	<0.167	0.0833	0.167		mg/Kg	1	06/30/11 07:04 PM
Aroclor 1232	<0.167	0.0833	0.167		mg/Kg	1	06/30/11 07:04 PM
Aroclor 1242	<0.167	0.0833	0.167		mg/Kg	1	06/30/11 07:04 PM
Aroclor 1248	<0.167	0.0833	0.167		mg/Kg	1	06/30/11 07:04 PM
Aroclor 1254	<0.167	0.0833	0.167		mg/Kg	1	06/30/11 07:04 PM
Aroclor 1260	<0.167	0.0833	0.167		mg/Kg	1	06/30/11 07:04 PM
Aroclor 1268	0.102	0.0833	0.167	JVL-SVR	mg/Kg	1	06/30/11 07:04 PM
Surr: Decachlorobiphenyl	39.6	0	58 - 125	S	%REC	1	06/30/11 07:04 PM
Surr: Tetrachloro-m-xylene	67.3	0	40 - 130		%REC	1	06/30/11 07:04 PM
Semivolatiles by GC/MS - Soil		**SW8270D**					**Analyst: DO**
2,4,5-Trichlorophenol	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM
2,4,6-Trichlorophenol	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM
2,4-Dichlorophenol	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM
2,4-Dimethylphenol	0.290	0.145	0.385	J	mg/Kg	5	07/01/11 01:59 AM
2,4-Dinitrophenol	<1.91	0.724	1.91		mg/Kg	5	07/01/11 01:59 AM
2,4-Dinitrotoluene	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM
2,6-Dinitrotoluene	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM
2-Chloronaphthalene	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM
2-Chlorophenol	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM
2-Methylnaphthalene	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM
2-Methylphenol	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM
2-Nitroaniline	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM
2-Nitrophenol	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM
3,3'-Dichlorobenzidine	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM
3-Nitroaniline	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM
4,6-Dinitro-2-methylphenol	<0.956	0.434	0.956		mg/Kg	5	07/01/11 01:59 AM
4-Bromophenyl phenyl ether	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM
4-Chloro-3-methylphenol	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM
4-Chloroaniline	<0.956	0.434	0.956		mg/Kg	5	07/01/11 01:59 AM
4-Chlorophenyl phenyl ether	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM
4-Methylphenol	0.676	0.290	0.385		mg/Kg	5	07/01/11 01:59 AM
4-Nitroaniline	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM
4-Nitrophenol	<1.91	0.724	1.91		mg/Kg	5	07/01/11 01:59 AM
Acenaphthene	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM
Acenaphthylene	0.290	0.145	0.385	J	mg/Kg	5	07/01/11 01:59 AM
Acetophenone	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM
Anthracene	0.290	0.145	0.385	J	mg/Kg	5	07/01/11 01:59 AM
Atrazine	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM
Benzaldehyde	<0.385	0.145	0.385	N	mg/Kg	5	07/01/11 01:59 AM
Benzo[a]anthracene	4.05	0.145	0.385	J1-FD	mg/Kg	5	07/01/11 01:59 AM ECS
Benzo[a]pyrene	7.53	0.145	0.385	J1-FD	mg/Kg	5	07/01/11 01:59 AM ECS
Benzo[b]fluoranthene	17.0	0.145	0.385	J1-FD	mg/Kg	5	07/01/11 01:59 AM ECS
Benzo[g,h,i]perylene	6.37	0.145	0.385	J1-FD	mg/Kg	5	07/01/11 01:59 AM ECS

7.2.11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/01/11

CLIENT: Weston Solutions, Inc.
Project: TCEQ Encycle
Project No: 02444.019.005.0072
Lab Order: 1106125

Client Sample ID: GM-01
Lab ID: 1106125-04
Collection Date: 06/16/11 03:25 PM
Matrix: Solid

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed	
Benzo[k]fluoranthene	3.96 J1-FD	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM	ECS
Benzoic acid	<1.91	0.724	1.91		mg/Kg	5	07/01/11 01:59 AM	
Benzyl alcohol	<0.956	0.145	0.956		mg/Kg	5	07/01/11 01:59 AM	
Biphenyl	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM	
Bis(2-chloroethoxy)methane	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM	
Bis(2-chloroethyl)ether	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM	
Bis(2-chloroisopropyl)ether	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM	
Bis(2-ethylhexyl)phthalate	0.676 J1-FD	0.434	0.385		mg/Kg	5	07/01/11 01:59 AM	ECS
Butyl benzyl phthalate	<0.956	0.579	0.956		mg/Kg	5	07/01/11 01:59 AM	
Caprolactam	<0.385	0.290	0.385		mg/Kg	5	07/01/11 01:59 AM	
Carbazole	1.35 J1-FD	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM	ECS
Chrysene	7.72	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM	
Di-n-butyl phthalate	<0.956	0.579	0.956		mg/Kg	5	07/01/11 01:59 AM	
Di-n-octyl phthalate	<0.956	0.579	0.956		mg/Kg	5	07/01/11 01:59 AM	
Dibenz[a,h]anthracene	2.32 J1-FD	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM	
Dibenzofuran	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM	
Diethyl phthalate	<0.956	0.579	0.956		mg/Kg	5	07/01/11 01:59 AM	
Dimethyl phthalate	<0.956	0.579	0.956		mg/Kg	5	07/01/11 01:59 AM	
Fluoranthene	15.3	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM	
Fluorene	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM	
Hexachlorobenzene	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM	
Hexachlorobutadiene	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM	
Hexachlorocyclopentadiene	<0.956	0.434	0.956		mg/Kg	5	07/01/11 01:59 AM	
Hexachloroethane	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM	
Indeno[1,2,3-cd]pyrene	6.18 J1-FD	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM	ECS
Isophorone	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM	
N-Nitrosodi-n-propylamine	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM	
N-Nitrosodiphenylamine	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM	
Naphthalene	0.193	0.145	0.385	J	mg/Kg	5	07/01/11 01:59 AM	
Nitrobenzene	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM	
Pentachlorophenol	0.290	0.145	0.385	J	mg/Kg	5	07/01/11 01:59 AM	
Phenanthrene	3.47	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM	
Phenol	<0.385	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM	
Pyrene	10.7	0.145	0.385		mg/Kg	5	07/01/11 01:59 AM	
Surr: 2,4,6-Tribromophenol	89.6	0	45 - 126		%REC	5	07/01/11 01:59 AM	
Surr: 2-Fluorobiphenyl	70.9	0	60 - 125		%REC	5	07/01/11 01:59 AM	
Surr: 2-Fluorophenol	80.8	0	37 - 125		%REC	5	07/01/11 01:59 AM	
Surr: 4-Terphenyl-d14	87.1	0	45 - 125		%REC	5	07/01/11 01:59 AM	
Surr: Nitrobenzene-d5	68.4	0	45 - 125		%REC	5	07/01/11 01:59 AM	
Surr: Phenol-d6	74.6	0	40 - 125		%REC	5	07/01/11 01:59 AM	

NKJ 7-2-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/01/11

CLIENT: Weston Solutions, Inc.
Project: TCEQ Encycle
Project No: 02444.019.005.0072
Lab Order: 1106125

Client Sample ID: SE-03
Lab ID: 1106125-05
Collection Date: 06/16/11 04:45 PM
Matrix: Sediment

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Soil/Solid		**SW8082A**					**Analyst: DO**
Aroclor 1016	<0.828	0.414	0.828	VJL-SVR	mg/Kg-dry	5	06/29/11 06:53 PM ECS
Aroclor 1221	<0.828	0.414	0.828		mg/Kg-dry	5	06/29/11 06:53 PM
Aroclor 1232	<0.828	0.414	0.828		mg/Kg-dry	5	06/29/11 06:53 PM
Aroclor 1242	<0.828	0.414	0.828		mg/Kg-dry	5	06/29/11 06:53 PM
Aroclor 1248	<0.828	0.414	0.828		mg/Kg-dry	5	06/29/11 06:53 PM
Aroclor 1254	<0.828	0.414	0.828		mg/Kg-dry	5	06/29/11 06:53 PM
Aroclor 1260	<0.828	0.414	0.828		mg/Kg-dry	5	06/29/11 06:53 PM
Aroclor 1268	0.502	0.414	0.828	JN L-SVR	mg/Kg-dry	5	06/29/11 06:53 PM
Surr: Decachlorobiphenyl	47.3	0	58 - 125	S	%REC	5	06/29/11 06:53 PM
Surr: Tetrachloro-m-xylene	52.7	0	40 - 130		%REC	5	06/29/11 06:53 PM
Semivolatiles by GC/MS - Soil		**SW8270D**					**Analyst: DO**
2,4,5-Trichlorophenol	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
2,4,6-Trichlorophenol	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
2,4-Dichlorophenol	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
2,4-Dimethylphenol	0.168	0.0841	0.224	J	mg/Kg-dry	5	06/30/11 12:55 AM
2,4-Dinitrophenol	<1.11	0.420	1.11		mg/Kg-dry	5	06/30/11 12:55 AM
2,4-Dinitrotoluene	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
2,6-Dinitrotoluene	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
2-Chloronaphthalene	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
2-Chlorophenol	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
2-Methylnaphthalene	1.23	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
2-Methylphenol	0.505	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
2-Nitroaniline	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
2-Nitrophenol	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
3,3'-Dichlorobenzidine	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
3-Nitroaniline	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
4,6-Dinitro-2-methylphenol	<0.555	0.252	0.555		mg/Kg-dry	5	06/30/11 12:55 AM
4-Bromophenyl phenyl ether	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
4-Chloro-3-methylphenol	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
4-Chloroaniline	<0.555	0.252	0.555		mg/Kg-dry	5	06/30/11 12:55 AM
4-Chlorophenyl phenyl ether	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
4-Methylphenol	0.561	0.168	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
4-Nitroaniline	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
4-Nitrophenol	<1.11	0.420	1.11		mg/Kg-dry	5	06/30/11 12:55 AM
Acenaphthene	4.09	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
Acenaphthylene	0.280	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
Acetophenone	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
Anthracene	7.51	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
Atrazine	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
Benzaldehyde	<0.224	0.0841	0.224	N	mg/Kg-dry	5	06/30/11 12:55 AM
Benzo[a]anthracene	32.5	0.841	2.24		mg/Kg-dry	50	06/30/11 10:34 PM
Benzo[a]pyrene	24.4	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
Benzo[b]fluoranthene	49.9	0.841	2.24		mg/Kg-dry	50	06/30/11 10:34 PM
Benzo[g,h,i]perylene	14.2	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM

NK 7-2-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/01/11

CLIENT: Weston Solutions, Inc.
Project: TCEQ Encycle
Project No: 02444.019.005.0072
Lab Order: 1106125

Client Sample ID: SE-03
Lab ID: 1106125-05
Collection Date: 06/16/11 04:45 PM
Matrix: Sediment

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzo[k]fluoranthene	12.9	0.841	2.24		mg/Kg-dry	50	06/30/11 10:34 PM
Benzoic acid	<1.11	0.420	1.11		mg/Kg-dry	5	06/30/11 12:55 AM
Benzyl alcohol	<0.555	0.0841	0.555		mg/Kg-dry	5	06/30/11 12:55 AM
Biphenyl	0.336	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
Bis(2-chloroethoxy)methane	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
Bis(2-chloroethyl)ether	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
Bis(2-chloroisopropyl)ether	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
Bis(2-ethylhexyl)phthalate	26.8	0.252	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
Butyl benzyl phthalate	<0.555	0.336	0.555		mg/Kg-dry	5	06/30/11 12:55 AM
Caprolactam	<0.224	0.168	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
Carbazole	11.3	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
Chrysene	30.8	0.841	2.24		mg/Kg-dry	50	06/30/11 10:34 PM
Di-n-butyl phthalate	<0.555	0.336	0.555		mg/Kg-dry	5	06/30/11 12:55 AM
Di-n-octyl phthalate	0.336	0.336	0.555	J	mg/Kg-dry	5	06/30/11 12:55 AM
Dibenz[a,h]anthracene	4.71	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
Dibenzofuran	3.20	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
Diethyl phthalate	<0.555	0.336	0.555		mg/Kg-dry	5	06/30/11 12:55 AM
Dimethyl phthalate	<0.555	0.336	0.555		mg/Kg-dry	5	06/30/11 12:55 AM
Fluoranthene	109	0.841	2.24		mg/Kg-dry	50	06/30/11 10:34 PM
Fluorene	2.92	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
Hexachlorobenzene	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
Hexachlorobutadiene	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
Hexachlorocyclopentadiene	<0.555	0.252	0.555		mg/Kg-dry	5	06/30/11 12:55 AM
Hexachloroethane	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
Indeno[1,2,3-cd]pyrene	14.8	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
Isophorone	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
N-Nitrosodi-n-propylamine	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
N-Nitrosodiphenylamine	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
Naphthalene	2.24	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
Nitrobenzene	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
Pentachlorophenol	<0.224	0.0841	0.224		mg/Kg-dry	5	06/30/11 12:55 AM
Phenanthrene	54.4	0.841	2.24		mg/Kg-dry	50	06/30/11 10:34 PM
Phenol	0.112	0.0841	0.224	J	mg/Kg-dry	5	06/30/11 12:55 AM
Pyrene	65.0	0.841	2.24		mg/Kg-dry	50	06/30/11 10:34 PM
Surr: 2,4,6-Tribromophenol	88.3	0	45 - 126		%REC	5	06/30/11 12:55 AM
Surr: 2,4,6-Tribromophenol	87.1	0	45 - 126		%REC	50	06/30/11 10:34 PM
Surr: 2-Fluorobiphenyl	74.6	0	60 - 125		%REC	50	06/30/11 10:34 PM
Surr: 2-Fluorobiphenyl	68.4	0	60 - 125		%REC	5	06/30/11 12:55 AM
Surr: 2-Fluorophenol	77.1	0	37 - 125		%REC	5	06/30/11 12:55 AM
Surr: 2-Fluorophenol	87.1	0	37 - 125		%REC	50	06/30/11 10:34 PM
Surr: 4-Terphenyl-d14	87.1	0	45 - 125		%REC	50	06/30/11 10:34 PM
Surr: 4-Terphenyl-d14	94.5	0	45 - 125		%REC	5	06/30/11 12:55 AM
Surr: Nitrobenzene-d5	74.6	0	45 - 125		%REC	50	06/30/11 10:34 PM
Surr: Nitrobenzene-d5	65.9	0	45 - 125		%REC	5	06/30/11 12:55 AM
Surr: Phenol-d6	73.4	0	40 - 125		%REC	5	06/30/11 12:55 AM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/01/11

CLIENT: Weston Solutions, Inc.
Project: TCEQ Encycle
Project No: 02444.019.005.0072
Lab Order: 1106125

Client Sample ID: SE-03
Lab ID: 1106125-05
Collection Date: 06/16/11 04:45 PM
Matrix: Sediment

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Surr: Phenol-d6	74.6	0	40 - 125		%REC	50	06/30/11 10:34 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	41.2	0	0		WT%	1	06/24/11 09:40 AM

MKT 7-2-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs
B	Analyte detected in the associated Method Blank
C	Sample Result or QC discussed in the Case Narrative
DF	Dilution Factor
E	TPH pattern not Gas or Diesel Range Pattern
J	Analyte detected between SDL and RL
N	Parameter not NELAC certified
ND	Not Detected at the SDL
RL	Reporting Limit (MQL adjusted for moisture and sample size)
S	Spike Recovery outside control limits
SDL	Sample Detection Limit

DHL Analytical

Date: 07/01/11

CLIENT: Weston Solutions, Inc.
Project: TCEQ Encycle
Project No: 02444.019.005.0072
Lab Order: 1106125

Client Sample ID: SE-09
Lab ID: 1106125-06
Collection Date: 06/16/11 05:00 PM
Matrix: Sediment

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Soil/Solid		**SW8082A**					**Analyst: DO**
Aroclor 1016	<0.123	0.0617	0.123		mg/Kg-dry	1	06/30/11 06:12 PM
Aroclor 1221	<0.123	0.0617	0.123		mg/Kg-dry	1	06/30/11 06:12 PM
Aroclor 1232	<0.123	0.0617	0.123		mg/Kg-dry	1	06/30/11 06:12 PM
Aroclor 1242	<0.123	0.0617	0.123		mg/Kg-dry	1	06/30/11 06:12 PM
Aroclor 1248	<0.123	0.0617	0.123		mg/Kg-dry	1	06/30/11 06:12 PM
Aroclor 1254	<0.123	0.0617	0.123		mg/Kg-dry	1	06/30/11 06:12 PM
Aroclor 1260	<0.123	0.0617	0.123		mg/Kg-dry	1	06/30/11 06:12 PM
Aroclor 1268	0.190	0.0617	0.123	N	mg/Kg-dry	1	06/30/11 06:12 PM
Surr: Decachlorobiphenyl	61.6	0	58 - 125		%REC	1	06/30/11 06:12 PM
Surr: Tetrachloro-m-xylene	61.8	0	40 - 130		%REC	1	06/30/11 06:12 PM
Semivolatiles by GC/MS - Soil		**SW8270D**					**Analyst: DO**
2,4,5-Trichlorophenol	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
2,4,6-Trichlorophenol	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
2,4-Dichlorophenol	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
2,4-Dimethylphenol	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
2,4-Dinitrophenol	<0.184	0.0697	0.184		mg/Kg-dry	1	06/30/11 12:10 AM
2,4-Dinitrotoluene	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
2,6-Dinitrotoluene	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
2-Chloronaphthalene	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
2-Chlorophenol	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
2-Methylnaphthalene	0.0744	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
2-Methylphenol	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
2-Nitroaniline	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
2-Nitrophenol	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
3,3'-Dichlorobenzidine	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
3-Nitroaniline	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
4,6-Dinitro-2-methylphenol	<0.0921	0.0418	0.0921		mg/Kg-dry	1	06/30/11 12:10 AM
4-Bromophenyl phenyl ether	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
4-Chloro-3-methylphenol	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
4-Chloroaniline	<0.0921	0.0418	0.0921		mg/Kg-dry	1	06/30/11 12:10 AM
4-Chlorophenyl phenyl ether	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
4-Methylphenol	<0.0371	0.0279	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
4-Nitroaniline	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
4-Nitrophenol	<0.184	0.0697	0.184		mg/Kg-dry	1	06/30/11 12:10 AM
Acenaphthene	0.214	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Acenaphthylene	0.0465	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Acetophenone	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Anthracene	0.298	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Atrazine	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Benzaldehyde	<0.0371	0.0139	0.0371	N	mg/Kg-dry	1	06/30/11 12:10 AM
Benzo[a]anthracene	1.64	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Benzo[a]pyrene	1.86	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Benzo[b]fluoranthene	3.22	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Benzo[g,h,i]perylene	1.40	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM

7.2.11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/01/11

CLIENT: Weston Solutions, Inc.
Project: TCEQ Encycle
Project No: 02444.019.005.0072
Lab Order: 1106125

Client Sample ID: SE-09
Lab ID: 1106125-06
Collection Date: 06/16/11 05:00 PM
Matrix: Sediment

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzo[k]fluoranthene	0.828	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Benzoic acid	<0.184	0.0697	0.184		mg/Kg-dry	1	06/30/11 12:10 AM
Benzyl alcohol	<0.0921	0.0139	0.0921		mg/Kg-dry	1	06/30/11 12:10 AM
Biphenyl	0.0186	0.0139	0.0371	J	mg/Kg-dry	1	06/30/11 12:10 AM
Bis(2-chloroethoxy)methane	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Bis(2-chloroethyl)ether	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Bis(2-chloroisopropyl)ether	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Bis(2-ethylhexyl)phthalate	0.316	0.0418	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Butyl benzyl phthalate	<0.0921	0.0558	0.0921		mg/Kg-dry	1	06/30/11 12:10 AM
Caprolactam	<0.0371	0.0279	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Carbazole	0.651	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Chrysene	2.09	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Di-n-butyl phthalate	<0.0921	0.0558	0.0921		mg/Kg-dry	1	06/30/11 12:10 AM
Di-n-octyl phthalate	<0.0921	0.0558	0.0921		mg/Kg-dry	1	06/30/11 12:10 AM
Dibenz[a,h]anthracene	0.363	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Dibenzofuran	0.205	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Diethyl phthalate	<0.0921	0.0558	0.0921		mg/Kg-dry	1	06/30/11 12:10 AM
Dimethyl phthalate	<0.0921	0.0558	0.0921		mg/Kg-dry	1	06/30/11 12:10 AM
Fluoranthene	6.14	0.139	0.371		mg/Kg-dry	10	06/30/11 11:20 PM
Fluorene	0.139	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Hexachlorobenzene	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Hexachlorobutadiene	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Hexachlorocyclopentadiene	<0.0921	0.0418	0.0921		mg/Kg-dry	1	06/30/11 12:10 AM
Hexachloroethane	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Indeno[1,2,3-cd]pyrene	1.34	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Isophorone	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
N-Nitrosodi-n-propylamine	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
N-Nitrosodiphenylamine	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Naphthalene	0.251	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Nitrobenzene	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Pentachlorophenol	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Phenanthrene	3.70	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Phenol	<0.0371	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Pyrene	3.96	0.0139	0.0371		mg/Kg-dry	1	06/30/11 12:10 AM
Surr: 2,4,6-Tribromophenol	77.1	0	45 - 126		%REC	10	06/30/11 11:20 PM
Surr: 2,4,6-Tribromophenol	70.1	0	45 - 126		%REC	1	06/30/11 12:10 AM
Surr: 2-Fluorobiphenyl	62.4	0	60 - 125		%REC	1	06/30/11 12:10 AM
Surr: 2-Fluorobiphenyl	67.2	0	60 - 125		%REC	10	06/30/11 11:20 PM
Surr: 2-Fluorophenol	65.4	0	37 - 125		%REC	1	06/30/11 12:10 AM
Surr: 2-Fluorophenol	69.7	0	37 - 125		%REC	10	06/30/11 11:20 PM
Surr: 4-Terphenyl-d14	85.1	0	45 - 125		%REC	1	06/30/11 12:10 AM
Surr: 4-Terphenyl-d14	82.1	0	45 - 125		%REC	10	06/30/11 11:20 PM
Surr: Nitrobenzene-d5	61.2	0	45 - 125		%REC	1	06/30/11 12:10 AM
Surr: Nitrobenzene-d5	64.7	0	45 - 125		%REC	10	06/30/11 11:20 PM
Surr: Phenol-d6	60.4	0	40 - 125		%REC	1	06/30/11 12:10 AM

AK 7-2-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/01/11

CLIENT: Weston Solutions, Inc.
Project: TCEQ Encycle
Project No: 02444.019.005.0072
Lab Order: 1106125

Client Sample ID: SE-09
Lab ID: 1106125-06
Collection Date: 06/16/11 05:00 PM
Matrix: Sediment

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Surr: Phenol-d6	67.2	0	40 - 125		%REC	10	06/30/11 11:20 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	28.6	0	0		WT%	1	06/24/11 09:40 AM

NKT 7.2.11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/01/11

CLIENT: Weston Solutions, Inc.
Project: TCEQ Encycle
Project No: 02444.019.005.0072
Lab Order: 1106125

Client Sample ID: GM-99
Lab ID: 1106125-07
Collection Date: 06/16/11 04:00 PM
Matrix: Solid

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Soil/Solid		**SW8082A**					**Analyst: DO**
Aroclor 1016	<0.952	0.476	0.952	JL-SUR	mg/Kg	5	06/29/11 05:34 PM ECS
Aroclor 1221	<0.952	0.476	0.952		mg/Kg	5	06/29/11 05:34 PM
Aroclor 1232	<0.952	0.476	0.952		mg/Kg	5	06/29/11 05:34 PM
Aroclor 1242	<0.952	0.476	0.952		mg/Kg	5	06/29/11 05:34 PM
Aroclor 1248	<0.952	0.476	0.952		mg/Kg	5	06/29/11 05:34 PM
Aroclor 1254	<0.952	0.476	0.952		mg/Kg	5	06/29/11 05:34 PM
Aroclor 1260	<0.952	0.476	0.952		mg/Kg	5	06/29/11 05:34 PM
Aroclor 1268	<0.952	0.476	0.952	N	mg/Kg	5	06/29/11 05:34 PM
Surr: Decachlorobiphenyl	20.4	0	58 - 125	S	%REC	5	06/29/11 05:34 PM
Surr: Tetrachloro-m-xylene	48.9	0	40 - 130		%REC	5	06/29/11 05:34 PM
Semivolatiles by GC/MS - Soil		**SW8270D**					**Analyst: DO**
2,4,5-Trichlorophenol	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
2,4,6-Trichlorophenol	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
2,4-Dichlorophenol	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
2,4-Dimethylphenol	0.298	0.149	0.397	J	mg/Kg	5	07/01/11 03:08 AM
2,4-Dinitrophenol	<1.97	0.746	1.97		mg/Kg	5	07/01/11 03:08 AM
2,4-Dinitrotoluene	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
2,6-Dinitrotoluene	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
2-Chloronaphthalene	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
2-Chlorophenol	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
2-Methylnaphthalene	0.497	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
2-Methylphenol	0.199	0.149	0.397	J	mg/Kg	5	07/01/11 03:08 AM
2-Nitroaniline	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
2-Nitrophenol	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
3,3'-Dichlorobenzidine	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
3-Nitroaniline	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
4,6-Dinitro-2-methylphenol	<0.984	0.447	0.984		mg/Kg	5	07/01/11 03:08 AM
4-Bromophenyl phenyl ether	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
4-Chloro-3-methylphenol	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
4-Chloroaniline	<0.984	0.447	0.984		mg/Kg	5	07/01/11 03:08 AM
4-Chlorophenyl phenyl ether	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
4-Methylphenol	<0.397	0.298	0.397		mg/Kg	5	07/01/11 03:08 AM
4-Nitroaniline	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
4-Nitrophenol	<1.97	0.746	1.97		mg/Kg	5	07/01/11 03:08 AM
Acenaphthene	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
Acenaphthylene	0.199	0.149	0.397	J	mg/Kg	5	07/01/11 03:08 AM
Acetophenone	0.298	0.149	0.397	J	mg/Kg	5	07/01/11 03:08 AM
Anthracene	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
Atrazine	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
Benzaldehyde	<0.397	0.149	0.397	N	mg/Kg	5	07/01/11 03:08 AM
Benzo[a]anthracene	1.69	0.149	0.397	J1-FD	mg/Kg	5	07/01/11 03:08 AM ECS
Benzo[a]pyrene	3.38	0.149	0.397	J1-FD	mg/Kg	5	07/01/11 03:08 AM ECS
Benzo[b]fluoranthene	8.75	0.149	0.397	J1-FD	mg/Kg	5	07/01/11 03:08 AM ECS
Benzo[g,h,i]perylene	2.09	0.149	0.397	J1-FD	mg/Kg	5	07/01/11 03:08 AM ECS

7/2/11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/01/11

CLIENT: Weston Solutions, Inc.
Project: TCEQ Encycle
Project No: 02444.019.005.0072
Lab Order: 1106125

Client Sample ID: GM-99
Lab ID: 1106125-07
Collection Date: 06/16/11 04:00 PM
Matrix: Solid

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzo[k]fluoranthene	2.19	0.149	0.397	J1-FD	mg/Kg	5	07/01/11 03:08 AM
Benzoic acid	<1.97	0.746	1.97		mg/Kg	5	07/01/11 03:08 AM
Benzyl alcohol	<0.984	0.149	0.984		mg/Kg	5	07/01/11 03:08 AM
Biphenyl	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
Bis(2-chloroethoxy)methane	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
Bis(2-chloroethyl)ether	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
Bis(2-chloroisopropyl)ether	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
Bis(2-ethylhexyl)phthalate	2.29	0.447	0.397	J1-FD	mg/Kg	5	07/01/11 03:08 AM
Butyl benzyl phthalate	<0.984	0.596	0.984		mg/Kg	5	07/01/11 03:08 AM
Caprolactam	<0.397	0.298	0.397		mg/Kg	5	07/01/11 03:08 AM
Carbazole	0.497	0.149	0.397	J1-FD	mg/Kg	5	07/01/11 03:08 AM
Chrysene	6.26	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
Di-n-butyl phthalate	<0.984	0.596	0.984		mg/Kg	5	07/01/11 03:08 AM
Di-n-octyl phthalate	<0.984	0.596	0.984		mg/Kg	5	07/01/11 03:08 AM
Dibenz[a,h]anthracene	0.596	0.149	0.397	J1-FD	mg/Kg	5	07/01/11 03:08 AM
Dibenzofuran	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
Diethyl phthalate	<0.984	0.596	0.984		mg/Kg	5	07/01/11 03:08 AM
Dimethyl phthalate	<0.984	0.596	0.984		mg/Kg	5	07/01/11 03:08 AM
Fluoranthene	9.44	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
Fluorene	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
Hexachlorobenzene	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
Hexachlorobutadiene	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
Hexachlorocyclopentadiene	<0.984	0.447	0.984		mg/Kg	5	07/01/11 03:08 AM
Hexachloroethane	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
Indeno[1,2,3-cd]pyrene	2.09	0.149	0.397	J1-FD	mg/Kg	5	07/01/11 03:08 AM
Isophorone	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
N-Nitrosodi-n-propylamine	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
N-Nitrosodiphenylamine	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
Naphthalene	0.199	0.149	0.397	J	mg/Kg	5	07/01/11 03:08 AM
Nitrobenzene	<0.397	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
Pentachlorophenol	0.298	0.149	0.397	J	mg/Kg	5	07/01/11 03:08 AM
Phenanthrene	3.38	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
Phenol	0.398	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
Pyrene	7.55	0.149	0.397		mg/Kg	5	07/01/11 03:08 AM
Surr: 2,4,6-Tribromophenol	95.8	0	45 - 126		%REC	5	07/01/11 03:08 AM
Surr: 2-Fluorobiphenyl	73.4	0	60 - 125		%REC	5	07/01/11 03:08 AM
Surr: 2-Fluorophenol	83.3	0	37 - 125		%REC	5	07/01/11 03:08 AM
Surr: 4-Terphenyl-d14	97.0	0	45 - 125		%REC	5	07/01/11 03:08 AM
Surr: Nitrobenzene-d5	70.9	0	45 - 125		%REC	5	07/01/11 03:08 AM
Surr: Phenol-d6	75.9	0	40 - 125		%REC	5	07/01/11 03:08 AM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/01/11

CLIENT: Weston Solutions, Inc.
Project: TCEQ Encycle
Project No: 02444.019.005.0072
Lab Order: 1106125

Client Sample ID: ER-061611
Lab ID: 1106125-08
Collection Date: 06/16/11 05:10 PM
Matrix: Equip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Aqueous		**SW8082A**					**Analyst: DO**
Aroclor 1016	<0.000250	0.000100	0.000250	VJL-SUR	mg/L	1	06/24/11 02:54 AM ECS
Aroclor 1221	<0.000250	0.000100	0.000250		mg/L	1	06/24/11 02:54 AM
Aroclor 1232	<0.000250	0.000100	0.000250		mg/L	1	06/24/11 02:54 AM
Aroclor 1242	<0.000250	0.000100	0.000250		mg/L	1	06/24/11 02:54 AM
Aroclor 1248	<0.000250	0.000100	0.000250		mg/L	1	06/24/11 02:54 AM
Aroclor 1254	<0.000250	0.000100	0.000250		mg/L	1	06/24/11 02:54 AM
Aroclor 1260	<0.000250	0.000100	0.000250		mg/L	1	06/24/11 02:54 AM
Surr: Decachlorobiphenyl	21.7	0	42 - 133	S	%REC	1	06/24/11 02:54 AM
Surr: Tetrachloro-m-xylene	65.3	0	25 - 140		%REC	1	06/24/11 02:54 AM
Semivolatiles by GC/MS - Water		**SW8270D**					**Analyst: DO**
2,4,5-Trichlorophenol	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
2,4,6-Trichlorophenol	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
2,4-Dichlorophenol	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
2,4-Dimethylphenol	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:13 PM
2,4-Dinitrophenol	<0.00400	0.000200	0.00400		mg/L	1	06/22/11 09:13 PM
2,4-Dinitrotoluene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
2,6-Dinitrotoluene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
2-Chloronaphthalene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
2-Chlorophenol	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
2-Methylnaphthalene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
2-Methylphenol	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
2-Nitroaniline	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
2-Nitrophenol	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:13 PM
3,3'-Dichlorobenzidine	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:13 PM
3-Nitroaniline	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
4,6-Dinitro-2-methylphenol	<0.00200	0.000200	0.00200		mg/L	1	06/22/11 09:13 PM
4-Bromophenyl phenyl ether	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
4-Chloro-3-methylphenol	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
4-Chloroaniline	<0.00200	0.000200	0.00200		mg/L	1	06/22/11 09:13 PM
4-Chlorophenyl phenyl ether	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
4-Methylphenol	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
4-Nitroaniline	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:13 PM
4-Nitrophenol	<0.00400	0.000400	0.00400	VJL-LCS	mg/L	1	06/22/11 09:13 PM ECS
Acenaphthene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
Acenaphthylene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
Acetophenone	0.000240	0.000200	0.000800	J	mg/L	1	06/22/11 09:13 PM
Anthracene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
Atrazine	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
Benzaldehyde	<0.000800	0.000400	0.000800	N	mg/L	1	06/22/11 09:13 PM
Benzo[a]anthracene	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:13 PM
Benzo[a]pyrene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
Benzo[b]fluoranthene	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:13 PM
Benzo[g,h,i]perylene	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:13 PM
Benzo[k]fluoranthene	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:13 PM

AG 7.2.11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/01/11

CLIENT: Weston Solutions, Inc.
Project: TCEQ Encycle
Project No: 02444.019.005.0072
Lab Order: 1106125

Client Sample ID: ER-061611
Lab ID: 1106125-08
Collection Date: 06/16/11 05:10 PM
Matrix: Equip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzoic acid	0.00576	0.00200	0.00600	J	mg/L	1	06/22/11 09:13 PM
Benzyl alcohol	<0.00200	0.000200	0.00200		mg/L	1	06/22/11 09:13 PM
Biphenyl	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
Bis(2-chloroethoxy)methane	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
Bis(2-chloroethyl)ether	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
Bis(2-chloroisopropyl)ether	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
Bis(2-ethylhexyl)phthalate	<0.00300	0.00100	0.00300		mg/L	1	06/22/11 09:13 PM
Butyl benzyl phthalate	<0.00600	0.00200	0.00600		mg/L	1	06/22/11 09:13 PM
Caprolactam	<0.000800	0.000200	0.000800	VJL-LCS	mg/L	1	06/22/11 09:13 PM ECS
Carbazole	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
Chrysene	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:13 PM
Di-n-butyl phthalate	<0.00600	0.00200	0.00600		mg/L	1	06/22/11 09:13 PM
Di-n-octyl phthalate	<0.00600	0.00200	0.00600		mg/L	1	06/22/11 09:13 PM
Dibenz[a,h]anthracene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
Dibenzofuran	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
Diethyl phthalate	<0.00600	0.00200	0.00600		mg/L	1	06/22/11 09:13 PM
Dimethyl phthalate	<0.00600	0.00200	0.00600		mg/L	1	06/22/11 09:13 PM
Fluoranthene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
Fluorene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
Hexachlorobenzene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
Hexachlorobutadiene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
Hexachlorocyclopentadiene	<0.00200	0.000400	0.00200		mg/L	1	06/22/11 09:13 PM
Hexachloroethane	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
Indeno[1,2,3-cd]pyrene	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:13 PM
Isophorone	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
N-Nitrosodi-n-propylamine	<0.000800	0.000100	0.000800		mg/L	1	06/22/11 09:13 PM
N-Nitrosodiphenylamine	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
Naphthalene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
Nitrobenzene	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:13 PM
Pentachlorophenol	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:13 PM
Phenanthrene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:13 PM
Phenol	<0.000800	0.000400	0.000800	VJL-LCS	mg/L	1	06/22/11 09:13 PM ECS
Pyrene	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:13 PM
Surr: 2,4,6-Tribromophenol	95.8	0	42 - 124		%REC	1	06/22/11 09:13 PM
Surr: 2-Fluorobiphenyl	89.5	0	48 - 120		%REC	1	06/22/11 09:13 PM
Surr: 2-Fluorophenol	65.0	0	20 - 120		%REC	1	06/22/11 09:13 PM
Surr: 4-Terphenyl-d14	113	0	51 - 135		%REC	1	06/22/11 09:13 PM
Surr: Nitrobenzene-d5	88.5	0	41 - 120		%REC	1	06/22/11 09:13 PM
Surr: Phenol-d6	40.2	0	20 - 120		%REC	1	06/22/11 09:13 PM

NKT 7-2-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Weston Solutions, Inc.
Work Order: 1106125
Project: TCEQ Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GC16_110623A

Sample ID:	LCS-46847	Batch ID:	46847		TestNo:		SW8082A		Units:		mg/L
SampType:	LCS	Run ID:	GC16_110623A		Analysis Date:		06/24/11 01:35 AM		Prep Date:		06/21/11
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016		0.00430	0.000250	0.00500	0	86.0	53	113			
Aroclor 1260		0.00501	0.000250	0.00500	0	100	37	131			
Surr: Decachlorobiphenyl		0.465		0.5000		93.0	42	133			
Surr: Tetrachloro-m-xylene		0.384		0.5000		76.7	25	140			

Sample ID:	MB-46847	Batch ID:	46847		TestNo:		SW8082A		Units:		mg/L
SampType:	MBLK	Run ID:	GC16_110623A		Analysis Date:		06/24/11 02:02 AM		Prep Date:		06/21/11
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016		<0.000250	0.000250								
Aroclor 1221		<0.000250	0.000250								
Aroclor 1232		<0.000250	0.000250								
Aroclor 1242		<0.000250	0.000250								
Aroclor 1248		<0.000250	0.000250								
Aroclor 1254		<0.000250	0.000250								
Aroclor 1260		<0.000250	0.000250								
Surr: Decachlorobiphenyl		0.424		0.5000		84.9	42	133			
Surr: Tetrachloro-m-xylene		0.333		0.5000		66.5	25	140			

Sample ID:	1106121-05FMS	Batch ID:	46847		TestNo:		SW8082A		Units:		mg/L
SampType:	MS	Run ID:	GC16_110623A		Analysis Date:		06/24/11 07:44 AM		Prep Date:		06/21/11
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016		0.00404	0.000250	0.00500	0	80.8	53	113			
Aroclor 1260		0.00481	0.000250	0.00500	0	96.2	37	131			
Surr: Decachlorobiphenyl		0.382		0.5000		76.5	42	133			
Surr: Tetrachloro-m-xylene		0.353		0.5000		70.5	25	140			

Sample ID:	1106121-05FMSD	Batch ID:	46847		TestNo:		SW8082A		Units:		mg/L
SampType:	MSD	Run ID:	GC16_110623A		Analysis Date:		06/24/11 08:10 AM		Prep Date:		06/21/11
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016		0.00463	0.000250	0.00500	0	92.5	53	113	13.5	30	
Aroclor 1260		0.00523	0.000250	0.00500	0	105	37	131	8.30	30	
Surr: Decachlorobiphenyl		0.439		0.5000		87.8	42	133	0	0	
Surr: Tetrachloro-m-xylene		0.442		0.5000		88.3	25	140	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106125
Project: TCEQ Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GC16_110623A

Sample ID:	ICV-110623	Batch ID:	R55499	TestNo:	SW8082A	Units:	mg/L
SampType:	ICV	Run ID:	GC16_110623A	Analysis Date:	06/24/11 01:09 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	2.28	0.000250	2.00	0	114	80	120			
Aroclor 1260	2.35	0.000250	2.00	0	117	80	120			
Surr: Decachlorobiphenyl	198		200.0		98.8	80	120			
Surr: Tetrachloro-m-xylene	193		200.0		96.5	80	120			

Sample ID:	CCV1-110623	Batch ID:	R55499	TestNo:	SW8082A	Units:	mg/L
SampType:	CCV	Run ID:	GC16_110623A	Analysis Date:	06/24/11 06:52 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	1.05	0.000250	1.00	0	105	80	120			
Aroclor 1260	1.10	0.000250	1.00	0	110	80	120			
Surr: Decachlorobiphenyl	86.8		100.0		86.8	80	120			
Surr: Tetrachloro-m-xylene	87.6		100.0		87.6	80	120			

Sample ID:	CCV2-110623	Batch ID:	R55499	TestNo:	SW8082A	Units:	mg/L
SampType:	CCV	Run ID:	GC16_110623A	Analysis Date:	06/24/11 08:36 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	0.932	0.000250	1.00	0	93.2	80	120			
Aroclor 1260	1.03	0.000250	1.00	0	103	80	120			
Surr: Decachlorobiphenyl	100		100.0		100	80	120			
Surr: Tetrachloro-m-xylene	104		100.0		104	80	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106125
Project: TCEQ Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GC16_110629A

Sample ID:	LCS-46988	Batch ID:	46988		TestNo:		SW8082A		Units:		mg/Kg
SampType:	LCS	Run ID:	GC16_110629A		Analysis Date:		06/29/11 11:49 AM		Prep Date:		06/28/11
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016		0.732	0.100	1.000	0	73.2	41	138			
Aroclor 1260		0.713	0.100	1.000	0	71.3	61	131			
Surr: Decachlorobiphenyl		0.0747		0.1000		74.7	58	125			
Surr: Tetrachloro-m-xylene		0.0717		0.1000		71.7	40	130			

Sample ID:	MB-46988	Batch ID:	46988		TestNo:		SW8082A		Units:		mg/Kg
SampType:	MBLK	Run ID:	GC16_110629A		Analysis Date:		06/29/11 12:19 PM		Prep Date:		06/28/11
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016		<0.100	0.100								
Aroclor 1221		<0.100	0.100								
Aroclor 1232		<0.100	0.100								
Aroclor 1242		<0.100	0.100								
Aroclor 1248		<0.100	0.100								
Aroclor 1254		<0.100	0.100								
Aroclor 1260		<0.100	0.100								
Aroclor 1268		<0.100	0.100								N
Surr: Decachlorobiphenyl		0.0654		0.1000		65.4	58	125			
Surr: Tetrachloro-m-xylene		0.0702		0.1000		70.2	40	130			

Sample ID:	1106136-09AMS	Batch ID:	46988		TestNo:		SW8082A		Units:		mg/Kg-dry
SampType:	MS	Run ID:	GC16_110629A		Analysis Date:		06/29/11 02:03 PM		Prep Date:		06/28/11
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016		0.973	0.116	1.163	0	83.7	41	138			
Aroclor 1260		0.927	0.116	1.163	0	79.7	61	131			
Surr: Decachlorobiphenyl		0.0712		0.1163		61.2	58	125			
Surr: Tetrachloro-m-xylene		0.0773		0.1163		66.5	40	130			

Sample ID:	1106136-09AMSD	Batch ID:	46988		TestNo:		SW8082A		Units:		mg/Kg-dry
SampType:	MSD	Run ID:	GC16_110629A		Analysis Date:		06/29/11 02:30 PM		Prep Date:		06/28/11
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016		1.03	0.121	1.207	0	85.4	41	138	5.78	50	
Aroclor 1260		1.02	0.121	1.207	0	84.4	61	131	9.38	50	
Surr: Decachlorobiphenyl		0.0677		0.1207		56.1	58	125	0		S
Surr: Tetrachloro-m-xylene		0.0741		0.1207		61.4	40	130	0		

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106125
Project: TCEQ Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GC16_110629A

Sample ID:	ICV-110629 1268	Batch ID:	R55609	TestNo:	SW8082A	Units:	mg/Kg
SampType:	ICV	Run ID:	GC16_110629A	Analysis Date:	06/29/11 10:53 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1268	1.99	0.100	2.000	0	99.6	80	120			N
Surr: Decachlorobiphenyl	0.203		0.2000		102	65	120			
Surr: Tetrachloro-m-xylene	0.210		0.2000		105	65	120			

Sample ID:	ICV-110629	Batch ID:	R55609	TestNo:	SW8082A	Units:	mg/Kg
SampType:	ICV	Run ID:	GC16_110629A	Analysis Date:	06/29/11 11:19 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	2.09	0.100	2.000	0	104	80	120			
Aroclor 1260	2.02	0.100	2.000	0	101	80	120			
Surr: Decachlorobiphenyl	0.202		0.2000		101	65	120			
Surr: Tetrachloro-m-xylene	0.206		0.2000		103	65	120			

Sample ID:	CCV1-110629	Batch ID:	R55609	TestNo:	SW8082A	Units:	mg/Kg
SampType:	CCV	Run ID:	GC16_110629A	Analysis Date:	06/29/11 04:14 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	0.975	0.100	1.000	0	97.5	80	120			
Aroclor 1260	0.933	0.100	1.000	0	93.3	80	120			
Surr: Decachlorobiphenyl	0.0945		0.1000		94.5	65	120			
Surr: Tetrachloro-m-xylene	0.0973		0.1000		97.3	65	120			

Sample ID:	CCV1-110629 1268	Batch ID:	R55609	TestNo:	SW8082A	Units:	mg/Kg
SampType:	CCV	Run ID:	GC16_110629A	Analysis Date:	06/29/11 04:42 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1268	0.817	0.100	1.000	0	81.7	80	120			N
Surr: Decachlorobiphenyl	0.0852		0.1000		85.2	65	120			
Surr: Tetrachloro-m-xylene	0.0780		0.1000		78.0	65	120			

Sample ID:	CCV2-110629	Batch ID:	R55609	TestNo:	SW8082A	Units:	mg/Kg
SampType:	CCV	Run ID:	GC16_110629A	Analysis Date:	06/29/11 09:59 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	1.01	0.100	1.000	0	101	80	120			
Aroclor 1260	0.925	0.100	1.000	0	92.5	80	120			
Surr: Decachlorobiphenyl	0.0773		0.1000		77.3	65	120			
Surr: Tetrachloro-m-xylene	0.0976		0.1000		97.6	65	120			

Sample ID:	CCV2-110629 1268	Batch ID:	R55609	TestNo:	SW8082A	Units:	mg/Kg
SampType:	CCV	Run ID:	GC16_110629A	Analysis Date:	06/29/11 10:25 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1268	0.826	0.100	1.000	0	82.6	80	120			N
Surr: Decachlorobiphenyl	0.0817		0.1000		81.7	65	120			
Surr: Tetrachloro-m-xylene	0.0946		0.1000		94.6	65	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106125
Project: TCEQ Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GC16_110630A

Sample ID:	SYS BLANK-46988	**Batch ID:**	46988		**TestNo:**		SW8082A		**Units:**		mg/Kg
SampType:	MBLK	**Run ID:**	GC16_110630A		**Analysis Date:**		06/30/11 05:20 PM		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Aroclor 1016		<0.100	0.100								
Aroclor 1221		<0.100	0.100								
Aroclor 1232		<0.100	0.100								
Aroclor 1242		<0.100	0.100								
Aroclor 1248		<0.100	0.100								
Aroclor 1254		<0.100	0.100								
Aroclor 1260		<0.100	0.100								
Aroclor 1268		<0.100	0.100								N

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106125
Project: TCEQ Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GC16_110630A

Sample ID:	ICV-110630	Batch ID:	R55624	TestNo:	SW8082A	Units:	mg/Kg
SampType:	ICV	Run ID:	GC16_110630A	Analysis Date:	06/30/11 04:20 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	1.73	0.100	2.000	0	86.7	80	120			
Aroclor 1260	1.86	0.100	2.000	0	93.1	80	120			
Surr: Decachlorobiphenyl	0.200		0.2000		100	65	120			
Surr: Tetrachloro-m-xylene	0.174		0.2000		86.9	65	120			

Sample ID:	ICV-110629 1268	Batch ID:	R55624	TestNo:	SW8082A	Units:	mg/Kg
SampType:	ICV	Run ID:	GC16_110630A	Analysis Date:	06/30/11 04:46 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1268	1.77	0.100	2.000	0	88.6	80	120			N
Surr: Decachlorobiphenyl	0.192		0.2000		95.9	65	120			
Surr: Tetrachloro-m-xylene	0.160		0.2000		79.9	65	120			

Sample ID:	CCV1-110630 1268	Batch ID:	R55624	TestNo:	SW8082A	Units:	mg/Kg
SampType:	CCV	Run ID:	GC16_110630A	Analysis Date:	06/30/11 10:48 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1268	0.866	0.100	1.000	0	86.6	80	120			N
Surr: Decachlorobiphenyl	0.0884		0.1000		88.4	65	120			
Surr: Tetrachloro-m-xylene	0.0869		0.1000		86.9	65	120			

Sample ID:	CCV1-110630	Batch ID:	R55624	TestNo:	SW8082A	Units:	mg/Kg
SampType:	CCV	Run ID:	GC16_110630A	Analysis Date:	06/30/11 11:14 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	0.990	0.100	1.000	0	99.0	80	120			
Aroclor 1260	1.02	0.100	1.000	0	102	80	120			
Surr: Decachlorobiphenyl	0.0957		0.1000		95.7	65	120			
Surr: Tetrachloro-m-xylene	0.0972		0.1000		97.2	65	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106125
Project: TCEQ Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110622A

Sample ID:	LCS-46871	Batch ID:	46871	TestNo:	SW8270D	Units:	mg/L
SampType:	LCS	Run ID:	GCMS9_110622A	Analysis Date:	06/22/11 03:17 PM	Prep Date:	06/21/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	0.00840	0.000800	0.00800	0	105	49	120			
2,4,6-Trichlorophenol	0.00828	0.000800	0.00800	0	104	49	126			
2,4-Dichlorophenol	0.00820	0.000800	0.00800	0	103	48	120			
2,4-Dimethylphenol	0.00748	0.000800	0.00800	0	93.5	28	120			
2,4-Dinitrophenol	0.00812	0.00400	0.00800	0	102	25	130			
2,4-Dinitrotoluene	0.00796	0.000800	0.00800	0	99.5	51	120			
2,6-Dinitrotoluene	0.00808	0.000800	0.00800	0	101	49	120			
2-Chloronaphthalene	0.00744	0.000800	0.00800	0	93.0	49	120			
2-Chlorophenol	0.00756	0.000800	0.00800	0	94.5	37	120			
2-Methylnaphthalene	0.00736	0.000800	0.00800	0	92.0	46	120			
2-Methylphenol	0.00784	0.000800	0.00800	0	98.0	38	120			
2-Nitroaniline	0.00772	0.000800	0.00800	0	96.5	48	120			
2-Nitrophenol	0.00840	0.000800	0.00800	0	105	39	123			
3,3'-Dichlorobenzidine	0.00728	0.000800	0.00800	0	91.0	20	120			
3-Nitroaniline	0.00724	0.000800	0.00800	0	90.5	20	126			
4,6-Dinitro-2-methylphenol	0.00784	0.00200	0.00800	0	98.0	40	130			
4-Bromophenyl phenyl ether	0.00820	0.000800	0.00800	0	103	52	120			
4-Chloro-3-methylphenol	0.00760	0.000800	0.00800	0	95.0	47	120			
4-Chloroaniline	0.00528	0.00200	0.00800	0	66.0	20	120			
4-Chlorophenyl phenyl ether	0.00760	0.000800	0.00800	0	95.0	50	120			
4-Methylphenol	0.00716	0.000800	0.00800	0	89.5	32	120			
4-Nitroaniline	0.00748	0.000800	0.00800	0	93.5	36	120			
4-Nitrophenol	0.00396	0.00400	0.00800	0	49.5	20	120			
Acenaphthene	0.00744	0.000800	0.00800	0	93.0	47	120			
Acenaphthylene	0.00792	0.000800	0.00800	0	99.0	60	120			
Acetophenone	0.00624	0.000800	0.00800	0	78.0	45	125			
Anthracene	0.00792	0.000800	0.00800	0	99.0	54	120			
Atrazine	0.00616	0.000800	0.00800	0	77.0	45	125			
Benzaldehyde	0.00668	0.000800	0.00800	0	83.5	45	125			N
Benzo[a]anthracene	0.00688	0.000800	0.00800	0	86.0	68	118			
Benzo[a]pyrene	0.00812	0.000800	0.00800	0	102	53	120			
Benzo[b]fluoranthene	0.00856	0.000800	0.00800	0	107	45	124			
Benzo[g,h,i]perylene	0.00832	0.000800	0.00800	0	104	38	123			
Benzo[k]fluoranthene	0.00612	0.000800	0.00800	0	76.5	45	124			
Benzoic acid	0.00616	0.00600	0.00800	0	77.0	20	120			
Benzyl alcohol	0.00620	0.00200	0.00800	0	77.5	30	120			
Biphenyl	0.00596	0.000800	0.00800	0	74.5	45	125			
Bis(2-chloroethoxy)methane	0.00760	0.000800	0.00800	0	95.0	46	120			
Bis(2-chloroethyl)ether	0.00656	0.000800	0.00800	0	82.0	37	120			
Bis(2-chloroisopropyl)ether	0.00628	0.000800	0.00800	0	78.5	26	131			
Bis(2-ethylhexyl)phthalate	0.00804	0.00300	0.00800	0	101	42	126			
Butyl benzyl phthalate	0.00740	0.00600	0.00800	0	92.5	46	120			
Caprolactam	0.00200	0.000800	0.00800	0	25.0	20	125			
Carbazole	0.00804	0.000800	0.00800	0	101	26	125			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106125
Project: TCEQ Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110622A

Chrysene	0.00652	0.000800	0.00800	0	81.5	55	120
Di-n-butyl phthalate	0.00876	0.00600	0.00800	0	110	54	120
Di-n-octyl phthalate	0.00908	0.00600	0.00800	0	114	37	137
Dibenz[a,h]anthracene	0.00908	0.000800	0.00800	0	114	42	127
Dibenzofuran	0.00732	0.000800	0.00800	0	91.5	54	120
Diethyl phthalate	0.00756	0.00600	0.00800	0	94.5	41	120
Dimethyl phthalate	0.00776	0.00600	0.00800	0	97.0	25	127
Fluoranthene	0.00896	0.000800	0.00800	0	112	54	120
Fluorene	0.00768	0.000800	0.00800	0	96.0	50	120
Hexachlorobenzene	0.00780	0.000800	0.00800	0	97.5	52	120
Hexachlorobutadiene	0.00628	0.000800	0.00800	0	78.5	27	120
Hexachlorocyclopentadiene	0.00620	0.00200	0.00800	0	77.5	41	125
Hexachloroethane	0.00616	0.000800	0.00800	0	77.0	28	120
Indeno[1,2,3-cd]pyrene	0.00884	0.000800	0.00800	0	110	43	125
Isophorone	0.00772	0.000800	0.00800	0	96.5	50	120
N-Nitrosodi-n-propylamine	0.00720	0.000800	0.00800	0	90.0	34	128
N-Nitrosodiphenylamine	0.00824	0.000800	0.00800	0	103	48	120
Naphthalene	0.00708	0.000800	0.00800	0	88.5	39	120
Nitrobenzene	0.00696	0.000800	0.00800	0	87.0	44	120
Pentachlorophenol	0.00684	0.000800	0.00800	0	85.5	38	120
Phenanthrene	0.00764	0.000800	0.00800	0	95.5	51	120
Phenol	0.00404	0.000800	0.00800	0	50.5	20	120
Pyrene	0.00680	0.000800	0.00800	0	85.0	49	128
Surr: 2,4,6-Tribromophenol	17.1		16.00		107	42	124
Surr: 2-Fluorobiphenyl	15.8		16.00		98.8	48	120
Surr: 2-Fluorophenol	12.8		16.00		80.0	20	120
Surr: 4-Terphenyl-d14	16.2		16.00		102	51	135
Surr: Nitrobenzene-d5	15.3		16.00		95.8	41	120
Surr: Phenol-d6	8.36		16.00		52.2	20	120

Sample ID:	1106121-05EMS	**Batch ID:**	46871		**TestNo:**		SW8270D			**Units:**	mg/L
SampType:	MS	**Run ID:**	GCMS9_110622A		**Analysis Date:**		06/22/11 04:03 PM			**Prep Date:**	06/21/11
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
2,4,5-Trichlorophenol		0.00824	0.000800	0.00800	0	103	49	120			
2,4,6-Trichlorophenol		0.00804	0.000800	0.00800	0	101	49	126			
2,4-Dichlorophenol		0.00796	0.000800	0.00800	0	99.5	48	120			
2,4-Dimethylphenol		0.00716	0.000800	0.00800	0	89.5	28	120			
2,4-Dinitrophenol		0.00788	0.00400	0.00800	0	98.5	25	130			
2,4-Dinitrotoluene		0.00816	0.000800	0.00800	0	102	51	120			
2,6-Dinitrotoluene		0.00812	0.000800	0.00800	0	102	49	120			
2-Chloronaphthalene		0.00764	0.000800	0.00800	0	95.5	49	120			
2-Chlorophenol		0.00736	0.000800	0.00800	0	92.0	37	120			
2-Methylnaphthalene		0.00744	0.000800	0.00800	0	93.0	46	120			
2-Methylphenol		0.00736	0.000800	0.00800	0	92.0	38	120			
2-Nitroaniline		0.00788	0.000800	0.00800	0	98.5	48	120			
2-Nitrophenol		0.00824	0.000800	0.00800	0	103	39	123			
3,3'-Dichlorobenzidine		0.00708	0.000800	0.00800	0	88.5	20	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110622A

3-Nitroaniline	0.00684	0.000800	0.00800	0	85.5	20	126	
4,6-Dinitro-2-methylphenol	0.00772	0.00200	0.00800	0	96.5	40	130	
4-Bromophenyl phenyl ether	0.00836	0.000800	0.00800	0	104	52	120	
4-Chloro-3-methylphenol	0.00728	0.000800	0.00800	0	91.0	47	120	
4-Chloroaniline	0.00520	0.00200	0.00800	0	65.0	20	120	
4-Chlorophenyl phenyl ether	0.00776	0.000800	0.00800	0	97.0	50	120	
4-Methylphenol	0.00660	0.000800	0.00800	0	82.5	32	120	
4-Nitroaniline	0.00772	0.000800	0.00800	0	96.5	36	120	
4-Nitrophenol	0.00352	0.00400	0.00800	0	44.0	20	120	
Acenaphthene	0.00748	0.000800	0.00800	0	93.5	47	120	
Acenaphthylene	0.00800	0.000800	0.00800	0	100	60	120	
Acetophenone	0.00620	0.000800	0.00800	0	77.5	45	125	
Anthracene	0.00820	0.000800	0.00800	0	103	54	120	
Atrazine	0.00616	0.000800	0.00800	0	77.0	45	125	
Benzaldehyde	0.00644	0.000800	0.00800	0	80.5	45	125	N
Benzo[a]anthracene	0.00780	0.000800	0.00800	0	97.5	68	118	
Benzo[a]pyrene	0.00888	0.000800	0.00800	0	111	53	120	
Benzo[b]fluoranthene	0.00972	0.000800	0.00800	0	122	45	124	
Benzo[g,h,i]perylene	0.00896	0.000800	0.00800	0	112	38	123	
Benzo[k]fluoranthene	0.00712	0.000800	0.00800	0	89.0	45	124	
Benzoic acid	0.0109	0.00600	0.00800	0	136	20	120	S
Benzyl alcohol	0.00596	0.00200	0.00800	0	74.5	30	120	
Biphenyl	0.00604	0.000800	0.00800	0	75.5	45	125	
Bis(2-chloroethoxy)methane	0.00784	0.000800	0.00800	0	98.0	46	120	
Bis(2-chloroethyl)ether	0.00672	0.000800	0.00800	0	84.0	37	120	
Bis(2-chloroisopropyl)ether	0.00644	0.000800	0.00800	0	80.5	26	131	
Bis(2-ethylhexyl)phthalate	0.00880	0.00300	0.00800	0	110	42	126	
Butyl benzyl phthalate	0.00840	0.00600	0.00800	0	105	46	120	
Caprolactam	0.00176	0.000800	0.00800	0	22.0	20	125	
Carbazole	0.00832	0.000800	0.00800	0	104	26	125	
Chrysene	0.00748	0.000800	0.00800	0	93.5	55	120	
Di-n-butyl phthalate	0.00892	0.00600	0.00800	0	112	54	120	
Di-n-octyl phthalate	0.00980	0.00600	0.00800	0	123	37	137	
Dibenz[a,h]anthracene	0.00968	0.000800	0.00800	0	121	42	127	
Dibenzofuran	0.00740	0.000800	0.00800	0	92.5	54	120	
Diethyl phthalate	0.00772	0.00600	0.00800	0	96.5	41	120	
Dimethyl phthalate	0.00784	0.00600	0.00800	0	98.0	25	127	
Fluoranthene	0.00944	0.000800	0.00800	0	118	54	120	
Fluorene	0.00772	0.000800	0.00800	0	96.5	50	120	
Hexachlorobenzene	0.00788	0.000800	0.00800	0	98.5	52	120	
Hexachlorobutadiene	0.00644	0.000800	0.00800	0	80.5	27	120	
Hexachlorocyclopentadiene	0.00636	0.00200	0.00800	0	79.5	41	125	
Hexachloroethane	0.00640	0.000800	0.00800	0	80.0	28	120	
Indeno[1,2,3-cd]pyrene	0.00948	0.000800	0.00800	0	118	43	125	
Isophorone	0.00780	0.000800	0.00800	0	97.5	50	120	
N-Nitrosodi-n-propylamine	0.00732	0.000800	0.00800	0	91.5	34	128	
N-Nitrosodiphenylamine	0.00852	0.000800	0.00800	0	106	48	120	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106125
Project: TCEQ Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110622A

Naphthalene	0.00728	0.000800	0.00800	0	91.0	39	120
Nitrobenzene	0.00716	0.000800	0.00800	0	89.5	44	120
Pentachlorophenol	0.00700	0.000800	0.00800	0	87.5	38	120
Phenanthrene	0.00780	0.000800	0.00800	0	97.5	51	120
Phenol	0.00368	0.000800	0.00800	0	46.0	20	120
Pyrene	0.00784	0.000800	0.00800	0	98.0	49	128
Surr: 2,4,6-Tribromophenol	16.5		16.00		103	42	124
Surr: 2-Fluorobiphenyl	15.4		16.00		96.5	48	120
Surr: 2-Fluorophenol	11.7		16.00		73.2	20	120
Surr: 4-Terphenyl-d14	17.7		16.00		111	51	135
Surr: Nitrobenzene-d5	15.0		16.00		94.0	41	120
Surr: Phenol-d6	7.44		16.00		46.5	20	120

Sample ID:	1106121-05EMSD	**Batch ID:**	46871		**TestNo:**		SW8270D		**Units:**		mg/L
SampType:	MSD	**Run ID:**	GCMS9_110622A		**Analysis Date:**		06/22/11 04:27 PM		**Prep Date:**		06/21/11
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
2,4,5-Trichlorophenol		0.00756	0.000800	0.00800	0	94.5	49	120	8.61	20	
2,4,6-Trichlorophenol		0.00736	0.000800	0.00800	0	92.0	49	126	8.83	20	
2,4-Dichlorophenol		0.00708	0.000800	0.00800	0	88.5	48	120	11.7	20	
2,4-Dimethylphenol		0.00640	0.000800	0.00800	0	80.0	28	120	11.2	20	
2,4-Dinitrophenol		0.00720	0.00400	0.00800	0	90.0	25	130	9.02	20	
2,4-Dinitrotoluene		0.00740	0.000800	0.00800	0	92.5	51	120	9.77	20	
2,6-Dinitrotoluene		0.00724	0.000800	0.00800	0	90.5	49	120	11.5	20	
2-Chloronaphthalene		0.00680	0.000800	0.00800	0	85.0	49	120	11.6	20	
2-Chlorophenol		0.00656	0.000800	0.00800	0	82.0	37	120	11.5	20	
2-Methylnaphthalene		0.00676	0.000800	0.00800	0	84.5	46	120	9.58	20	
2-Methylphenol		0.00656	0.000800	0.00800	0	82.0	38	120	11.5	20	
2-Nitroaniline		0.00712	0.000800	0.00800	0	89.0	48	120	10.1	20	
2-Nitrophenol		0.00744	0.000800	0.00800	0	93.0	39	123	10.2	20	
3,3'-Dichlorobenzidine		0.00612	0.000800	0.00800	0	76.5	20	120	14.5	20	
3-Nitroaniline		0.00624	0.000800	0.00800	0	78.0	20	126	9.17	20	
4,6-Dinitro-2-methylphenol		0.00700	0.00200	0.00800	0	87.5	40	130	9.78	20	
4-Bromophenyl phenyl ether		0.00740	0.000800	0.00800	0	92.5	52	120	12.2	20	
4-Chloro-3-methylphenol		0.00668	0.000800	0.00800	0	83.5	47	120	8.60	20	
4-Chloroaniline		0.00456	0.00200	0.00800	0	57.0	20	120	13.1	20	
4-Chlorophenyl phenyl ether		0.00700	0.000800	0.00800	0	87.5	50	120	10.3	20	
4-Methylphenol		0.00592	0.000800	0.00800	0	74.0	32	120	10.9	20	
4-Nitroaniline		0.00700	0.000800	0.00800	0	87.5	36	120	9.78	20	
4-Nitrophenol		0.00312	0.00400	0.00800	0	39.0	20	120	12.0	20	
Acenaphthene		0.00676	0.000800	0.00800	0	84.5	47	120	10.1	20	
Acenaphthylene		0.00712	0.000800	0.00800	0	89.0	60	120	11.6	20	
Acetophenone		0.00548	0.000800	0.00800	0	68.5	45	125	12.3	20	
Anthracene		0.00732	0.000800	0.00800	0	91.5	54	120	11.3	20	
Atrazine		0.00544	0.000800	0.00800	0	68.0	45	125	12.4	20	
Benzaldehyde		0.00564	0.000800	0.00800	0	70.5	45	125	13.2	20	N
Benzo[a]anthracene		0.00708	0.000800	0.00800	0	88.5	68	118	9.68	20	
Benzo[a]pyrene		0.00808	0.000800	0.00800	0	101	53	120	9.43	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110622A

Benzo[b]fluoranthene	0.00856	0.000800	0.00800	0	107	45	124	12.7	20	
Benzo[g,h,i]perylene	0.00820	0.000800	0.00800	0	103	38	123	8.86	20	
Benzo[k]fluoranthene	0.00612	0.000800	0.00800	0	76.5	45	124	15.1	20	
Benzoic acid	0.0101	0.00600	0.00800	0	126	20	120	7.63	20	S
Benzyl alcohol	0.00532	0.00200	0.00800	0	66.5	30	120	11.3	20	
Biphenyl	0.00532	0.000800	0.00800	0	66.5	45	125	12.7	20	
Bis(2-chloroethoxy)methane	0.00696	0.000800	0.00800	0	87.0	46	120	11.9	20	
Bis(2-chloroethyl)ether	0.00600	0.000800	0.00800	0	75.0	37	120	11.3	20	
Bis(2-chloroisopropyl)ether	0.00572	0.000800	0.00800	0	71.5	26	131	11.8	20	
Bis(2-ethylhexyl)phthalate	0.00812	0.00300	0.00800	0	102	42	126	8.04	20	
Butyl benzyl phthalate	0.00768	0.00600	0.00800	0	96.0	46	120	8.96	20	
Caprolactam	0.00160	0.000800	0.00800	0	20.0	20	125	9.52	20	
Carbazole	0.00736	0.000800	0.00800	0	92.0	26	125	12.2	20	
Chrysene	0.00664	0.000800	0.00800	0	83.0	55	120	11.9	20	
Di-n-butyl phthalate	0.00796	0.00600	0.00800	0	99.5	54	120	11.4	20	
Di-n-octyl phthalate	0.00904	0.00600	0.00800	0	113	37	137	8.07	20	
Dibenz[a,h]anthracene	0.00892	0.000800	0.00800	0	112	42	127	8.17	20	
Dibenzofuran	0.00668	0.000800	0.00800	0	83.5	54	120	10.2	20	
Diethyl phthalate	0.00696	0.00600	0.00800	0	87.0	41	120	10.4	20	
Dimethyl phthalate	0.00704	0.00600	0.00800	0	88.0	25	127	10.8	20	
Fluoranthene	0.00848	0.000800	0.00800	0	106	54	120	10.7	20	
Fluorene	0.00692	0.000800	0.00800	0	86.5	50	120	10.9	20	
Hexachlorobenzene	0.00696	0.000800	0.00800	0	87.0	52	120	12.4	20	
Hexachlorobutadiene	0.00608	0.000800	0.00800	0	76.0	27	120	5.75	20	
Hexachlorocyclopentadiene	0.00596	0.00200	0.00800	0	74.5	41	125	6.49	20	
Hexachloroethane	0.00588	0.000800	0.00800	0	73.5	28	120	8.47	20	
Indeno[1,2,3-cd]pyrene	0.00884	0.000800	0.00800	0	110	43	125	6.99	20	
Isophorone	0.00692	0.000800	0.00800	0	86.5	50	120	12.0	20	
N-Nitrosodi-n-propylamine	0.00664	0.000800	0.00800	0	83.0	34	128	9.74	20	
N-Nitrosodiphenylamine	0.00756	0.000800	0.00800	0	94.5	48	120	11.9	20	
Naphthalene	0.00656	0.000800	0.00800	0	82.0	39	120	10.4	20	
Nitrobenzene	0.00640	0.000800	0.00800	0	80.0	44	120	11.2	20	
Pentachlorophenol	0.00644	0.000800	0.00800	0	80.5	38	120	8.33	20	
Phenanthrene	0.00692	0.000800	0.00800	0	86.5	51	120	12.0	20	
Phenol	0.00320	0.000800	0.00800	0	40.0	20	120	14.0	20	
Pyrene	0.00716	0.000800	0.00800	0	89.5	49	128	9.07	20	
Surr: 2,4,6-Tribromophenol	15.2		16.00		95.0	42	124	0	0	
Surr: 2-Fluorobiphenyl	14.0		16.00		87.5	48	120	0	0	
Surr: 2-Fluorophenol	10.3		16.00		64.5	20	120	0	0	
Surr: 4-Terphenyl-d14	16.2		16.00		102	51	135	0	0	
Surr: Nitrobenzene-d5	13.5		16.00		84.5	41	120	0	0	
Surr: Phenol-d6	6.48		16.00		40.5	20	120	0	0	

Sample ID:	**MB-46871**	**Batch ID:**	46871		**TestNo:**		SW8270D		**Units:**		mg/L
SampType:	**MBLK**	**Run ID:**	GCMS9_110622A		**Analysis Date:**		06/22/11 06:25 PM		**Prep Date:**		06/21/11
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
2,4,5-Trichlorophenol		<0.000800	0.000800								

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

2,4,6-Trichlorophenol	<0.000800	0.000800	
2,4-Dichlorophenol	<0.000800	0.000800	
2,4-Dimethylphenol	<0.000800	0.000800	
2,4-Dinitrophenol	<0.00400	0.00400	
2,4-Dinitrotoluene	<0.000800	0.000800	
2,6-Dinitrotoluene	<0.000800	0.000800	
2-Chloronaphthalene	<0.000800	0.000800	
2-Chlorophenol	<0.000800	0.000800	
2-Methylnaphthalene	<0.000800	0.000800	
2-Methylphenol	<0.000800	0.000800	
2-Nitroaniline	<0.000800	0.000800	
2-Nitrophenol	<0.000800	0.000800	
3,3'-Dichlorobenzidine	<0.000800	0.000800	
3-Nitroaniline	<0.000800	0.000800	
4,6-Dinitro-2-methylphenol	<0.00200	0.00200	
4-Bromophenyl phenyl ether	<0.000800	0.000800	
4-Chloro-3-methylphenol	<0.000800	0.000800	
4-Chloroaniline	<0.00200	0.00200	
4-Chlorophenyl phenyl ether	<0.000800	0.000800	
4-Methylphenol	<0.000800	0.000800	
4-Nitroaniline	<0.000800	0.000800	
4-Nitrophenol	<0.00400	0.00400	
Acenaphthene	<0.000800	0.000800	
Acenaphthylene	<0.000800	0.000800	
Acetophenone	<0.000800	0.000800	
Anthracene	<0.000800	0.000800	
Atrazine	<0.000800	0.000800	
Benzaldehyde	<0.000800	0.000800	N
Benzo[a]anthracene	<0.000800	0.000800	
Benzo[a]pyrene	<0.000800	0.000800	
Benzo[b]fluoranthene	<0.000800	0.000800	
Benzo[g,h,i]perylene	<0.000800	0.000800	
Benzo[k]fluoranthene	<0.000800	0.000800	
Benzoic acid	0.0166	0.00600	
Benzyl alcohol	<0.00200	0.00200	
Biphenyl	<0.000800	0.000800	
Bis(2-chloroethoxy)methane	<0.000800	0.000800	
Bis(2-chloroethyl)ether	<0.000800	0.000800	
Bis(2-chloroisopropyl)ether	<0.000800	0.000800	
Bis(2-ethylhexyl)phthalate	<0.00300	0.00300	
Butyl benzyl phthalate	<0.00600	0.00600	
Caprolactam	<0.000800	0.000800	
Carbazole	<0.000800	0.000800	
Chrysene	<0.000800	0.000800	
Di-n-butyl phthalate	<0.00600	0.00600	
Di-n-octyl phthalate	<0.00600	0.00600	
Dibenz[a,h]anthracene	<0.000800	0.000800	

CLIENT: Weston Solutions, Inc.
Work Order: 1106125
Project: TCEQ Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110622A

Dibenzofuran	<0.000800	0.000800				
Diethyl phthalate	<0.00600	0.00600				
Dimethyl phthalate	<0.00600	0.00600				
Fluoranthene	<0.000800	0.000800				
Fluorene	<0.000800	0.000800				
Hexachlorobenzene	<0.000800	0.000800				
Hexachlorobutadiene	<0.000800	0.000800				
Hexachlorocyclopentadiene	<0.00200	0.00200				
Hexachloroethane	<0.000800	0.000800				
Indeno[1,2,3-cd]pyrene	<0.000800	0.000800				
Isophorone	<0.000800	0.000800				
N-Nitrosodi-n-propylamine	<0.000800	0.000800				
N-Nitrosodiphenylamine	<0.000800	0.000800				
Naphthalene	<0.000800	0.000800				
Nitrobenzene	<0.000800	0.000800				
Pentachlorophenol	<0.000800	0.000800				
Phenanthrene	<0.000800	0.000800				
Phenol	<0.000800	0.000800				
Pyrene	<0.000800	0.000800				
Surr: 2,4,6-Tribromophenol	14.4		16.00	90.0	42	124
Surr: 2-Fluorobiphenyl	13.9		16.00	86.8	48	120
Surr: 2-Fluorophenol	10.2		16.00	64.0	20	120
Surr: 4-Terphenyl-d14	16.8		16.00	105	51	135
Surr: Nitrobenzene-d5	13.9		16.00	86.8	41	120
Surr: Phenol-d6	6.32		16.00	39.5	20	120

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

DHL Analytical

Date: 07/01/11

CLIENT: Weston Solutions, Inc.
Work Order: 1106125
Project: TCEQ Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110622A

Sample ID: ICV-110622 **Batch ID:** R55484 **TestNo:** SW8270D **Units:** mg/L
SampType: ICV **Run ID:** GCMS9_110622A **Analysis Date:** 06/22/11 02:54 PM **Prep Date:**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	4.57	0.000800	4.00	0	114	70	130			
2,4,6-Trichlorophenol	4.44	0.000800	4.00	0	111	80	120			
2,4-Dichlorophenol	4.51	0.000800	4.00	0	113	80	120			
2,4-Dimethylphenol	3.62	0.000800	4.00	0	90.5	70	130			
2,4-Dinitrophenol	4.34	0.00400	4.00	0	108	70	130			
2,4-Dinitrotoluene	4.14	0.000800	4.00	0	104	70	130			
2,6-Dinitrotoluene	4.16	0.000800	4.00	0	104	70	130			
2-Chloronaphthalene	4.24	0.000800	4.00	0	106	70	130			
2-Chlorophenol	4.10	0.000800	4.00	0	103	70	130			
2-Methylnaphthalene	4.34	0.000800	4.00	0	108	70	130			
2-Methylphenol	4.23	0.000800	4.00	0	106	70	130			
2-Nitroaniline	4.17	0.000800	4.00	0	104	70	130			
2-Nitrophenol	4.60	0.000800	4.00	0	115	80	120			
3,3'-Dichlorobenzidine	4.34	0.000800	4.00	0	108	70	130			
3-Nitroaniline	4.29	0.000800	4.00	0	107	70	130			
4,6-Dinitro-2-methylphenol	4.11	0.00200	4.00	0	103	70	130			
4-Bromophenyl phenyl ether	4.52	0.000800	4.00	0	113	70	130			
4-Chloro-3-methylphenol	4.19	0.000800	4.00	0	105	80	120			
4-Chloroaniline	4.44	0.00200	4.00	0	111	70	130			
4-Chlorophenyl phenyl ether	4.31	0.000800	4.00	0	108	70	130			
4-Methylphenol	4.17	0.000800	4.00	0	104	70	130			
4-Nitroaniline	4.05	0.000800	4.00	0	101	70	130			
4-Nitrophenol	3.64	0.00400	4.00	0	91.0	70	130			
Acenaphthene	4.15	0.000800	4.00	0	104	80	120			
Acenaphthylene	4.45	0.000800	4.00	0	111	70	130			
Acetophenone	4.19	0.000800	4.00	0	105	70	130			
Anthracene	4.34	0.000800	4.00	0	108	70	130			
Atrazine	4.24	0.000800	4.00	0	106	70	130			
Benzaldehyde	3.97	0.000800	4.00	0	99.2	70	130			N
Benzo[a]anthracene	4.12	0.000800	4.00	0	103	70	130			
Benzo[a]pyrene	4.40	0.000800	4.00	0	110	80	120			
Benzo[b]fluoranthene	4.35	0.000800	4.00	0	109	70	130			
Benzo[g,h,i]perylene	4.45	0.000800	4.00	0	111	70	130			
Benzo[k]fluoranthene	3.69	0.000800	4.00	0	92.2	70	130			
Benzoic acid	4.33	0.00600	4.00	0	108	70	130			
Benzyl alcohol	4.06	0.00200	4.00	0	102	70	130			
Biphenyl	4.31	0.000800	4.00	0	108	70	130			
Bis(2-chloroethoxy)methane	4.27	0.000800	4.00	0	107	70	130			
Bis(2-chloroethyl)ether	3.61	0.000800	4.00	0	90.2	70	130			
Bis(2-chloroisopropyl)ether	3.42	0.000800	4.00	0	85.5	70	130			
Bis(2-ethylhexyl)phthalate	4.22	0.00300	4.00	0	106	70	130			
Butyl benzyl phthalate	4.08	0.00600	4.00	0	102	70	130			
Caprolactam	4.23	0.000800	4.00	0	106	70	130			
Carbazole	4.37	0.000800	4.00	0	109	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

Chrysene	3.89	0.000800	4.00	0	97.2	70	130
Di-n-butyl phthalate	4.18	0.00600	4.00	0	104	70	130
Di-n-octyl phthalate	4.37	0.00600	4.00	0	109	80	120
Dibenz[a,h]anthracene	4.69	0.000800	4.00	0	117	70	130
Dibenzofuran	4.10	0.000800	4.00	0	103	70	130
Diethyl phthalate	4.03	0.00600	4.00	0	101	70	130
Dimethyl phthalate	4.27	0.00600	4.00	0	107	70	130
Fluoranthene	4.64	0.000800	4.00	0	116	70	130
Fluorene	4.23	0.000800	4.00	0	106	80	120
Hexachlorobenzene	4.32	0.000800	4.00	0	108	70	130
Hexachlorobutadiene	4.10	0.000800	4.00	0	103	80	120
Hexachlorocyclopentadiene	4.09	0.00200	4.00	0	102	70	130
Hexachloroethane	3.99	0.000800	4.00	0	99.8	70	130
Indeno[1,2,3-cd]pyrene	4.68	0.000800	4.00	0	117	70	130
Isophorone	4.33	0.000800	4.00	0	108	70	130
N-Nitrosodi-n-propylamine	4.01	0.000800	4.00	0	100	70	130
N-Nitrosodiphenylamine	4.53	0.000800	4.00	0	113	80	120
Naphthalene	4.06	0.000800	4.00	0	102	70	130
Nitrobenzene	3.89	0.000800	4.00	0	97.2	70	130
Pentachlorophenol	3.52	0.000800	4.00	0	88.0	80	120
Phenanthrene	4.09	0.000800	4.00	0	102	70	130
Phenol	3.94	0.000800	4.00	0	98.5	80	120
Pyrene	4.10	0.000800	4.00	0	103	70	130
Surr: 2,4,6-Tribromophenol	4320		4000		108	80	120
Surr: 2-Fluorobiphenyl	4260		4000		106	80	120
Surr: 2-Fluorophenol	4420		4000		110	80	120
Surr: 4-Terphenyl-d14	4250		4000		106	80	120
Surr: Nitrobenzene-d5	4100		4000		103	80	120
Surr: Phenol-d6	4170		4000		104	80	120

CLIENT: Weston Solutions, Inc.
Work Order: 1106125
Project: TCEQ Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110629A

Sample ID:	LCS-47008	Batch ID:	47008	TestNo:	SW8270D	Units:	mg/Kg
SampType:	LCS	Run ID:	GCMS9_110629A	Analysis Date:	06/29/11 05:43 PM	Prep Date:	06/29/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	1.17	0.0266	1.340	0	87.6	49	125			
2,4,6-Trichlorophenol	1.17	0.0266	1.340	0	87.6	43	125			
2,4-Dichlorophenol	1.15	0.0266	1.340	0	85.6	45	125			
2,4-Dimethylphenol	1.07	0.0266	1.340	0	80.1	32	125			
2,4-Dinitrophenol	0.913	0.132	1.340	0	68.2	25	132			
2,4-Dinitrotoluene	1.06	0.0266	1.340	0	79.1	48	125			
2,6-Dinitrotoluene	1.03	0.0266	1.340	0	77.1	48	125			
2-Chloronaphthalene	1.10	0.0266	1.340	0	82.1	45	125			
2-Chlorophenol	1.09	0.0266	1.340	0	81.6	44	125			
2-Methylnaphthalene	1.03	0.0266	1.340	0	76.6	47	125			
2-Methylphenol	1.14	0.0266	1.340	0	85.1	40	125			
2-Nitroaniline	1.03	0.0266	1.340	0	76.6	44	125			
2-Nitrophenol	1.13	0.0266	1.340	0	84.6	42	125			
3,3'-Dichlorobenzidine	1.66	0.0266	1.340	0	124	25	128			
3-Nitroaniline	0.920	0.0266	1.340	0	68.7	27	126			
4,6-Dinitro-2-methylphenol	1.09	0.0660	1.340	0	81.1	29	137			
4-Bromophenyl phenyl ether	1.12	0.0266	1.340	0	83.6	46	125			
4-Chloro-3-methylphenol	1.03	0.0266	1.340	0	77.1	46	125			
4-Chloroaniline	0.893	0.0660	1.340	0	66.7	25	125			
4-Chlorophenyl phenyl ether	1.01	0.0266	1.340	0	75.1	47	125			
4-Methylphenol	1.16	0.0266	1.340	0	86.6	41	125			
4-Nitroaniline	1.00	0.0266	1.340	0	74.6	34	125			
4-Nitrophenol	1.05	0.132	1.340	0	78.1	25	138			
Acenaphthene	1.03	0.0266	1.340	0	76.6	46	125			
Acenaphthylene	1.09	0.0266	1.340	0	81.1	44	125			
Acetophenone	1.02	0.0266	1.340	0	76.1	40	125			
Anthracene	1.10	0.0266	1.340	0	82.1	53	125			
Atrazine	1.14	0.0266	1.340	0	85.1	40	125			
Benzaldehyde	0.907	0.0266	1.340	0	67.7	40	125			N
Benzo[a]anthracene	0.933	0.0266	1.340	0	69.7	52	125			
Benzo[a]pyrene	1.11	0.0266	1.340	0	83.1	50	125			
Benzo[b]fluoranthene	1.21	0.0266	1.340	0	90.5	45	125			
Benzo[g,h,i]perylene	1.16	0.0266	1.340	0	86.6	38	126			
Benzo[k]fluoranthene	0.847	0.0266	1.340	0	63.2	45	125			
Benzoic acid	1.13	0.132	1.340	0	84.6	25	125			
Benzyl alcohol	1.01	0.0660	1.340	0	75.1	25	125			
Biphenyl	1.05	0.0266	1.340	0	78.6	40	125			
Bis(2-chloroethoxy)methane	1.04	0.0266	1.340	0	77.6	43	125			
Bis(2-chloroethyl)ether	0.920	0.0266	1.340	0	68.7	38	125			
Bis(2-chloroisopropyl)ether	0.893	0.0266	1.340	0	66.7	25	125			
Bis(2-ethylhexyl)phthalate	1.11	0.0660	1.340	0	83.1	47	127			
Butyl benzyl phthalate	1.00	0.0660	1.340	0	74.6	49	125			
Caprolactam	1.00	0.0266	1.340	0	74.6	40	125			
Carbazole	1.16	0.0266	1.340	0	86.6	40	125			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

Chrysene	0.887	0.0266	1.340	0	66.2	53	125
Di-n-butyl phthalate	1.21	0.0660	1.340	0	90.0	56	125
Di-n-octyl phthalate	1.24	0.0660	1.340	0	92.5	41	132
Dibenz[a,h]anthracene	1.23	0.0266	1.340	0	92.0	41	125
Dibenzofuran	1.01	0.0266	1.340	0	75.1	51	125
Diethyl phthalate	0.987	0.0660	1.340	0	73.6	50	125
Dimethyl phthalate	1.03	0.0660	1.340	0	76.6	49	125
Fluoranthene	1.23	0.0266	1.340	0	91.5	54	125
Fluorene	1.00	0.0266	1.340	0	74.6	49	125
Hexachlorobenzene	1.11	0.0266	1.340	0	83.1	47	125
Hexachlorobutadiene	0.960	0.0266	1.340	0	71.6	40	125
Hexachlorocyclopentadiene	1.07	0.0660	1.340	0	79.6	34	125
Hexachloroethane	0.893	0.0266	1.340	0	66.7	34	125
Indeno[1,2,3-cd]pyrene	1.20	0.0266	1.340	0	89.6	38	125
Isophorone	1.01	0.0266	1.340	0	75.6	43	125
N-Nitrosodi-n-propylamine	1.03	0.0266	1.340	0	76.6	40	125
N-Nitrosodiphenylamine	1.13	0.0266	1.340	0	84.1	49	125
Naphthalene	0.973	0.0266	1.340	0	72.6	40	125
Nitrobenzene	1.00	0.0266	1.340	0	74.6	41	125
Pentachlorophenol	0.840	0.0266	1.340	0	62.7	25	125
Phenanthrene	1.07	0.0266	1.340	0	79.6	50	125
Phenol	1.11	0.0266	1.340	0	83.1	25	125
Pyrene	0.893	0.0266	1.340	0	66.7	46	125
Surr: 2,4,6-Tribromophenol	2.36		2.680		88.1	45	138
Surr: 2-Fluorobiphenyl	2.20		2.680		82.1	60	135
Surr: 2-Fluorophenol	2.27		2.680		84.8	37	125
Surr: 4-Terphenyl-d14	2.07		2.680		77.4	60	129
Surr: Nitrobenzene-d5	2.07		2.680		77.4	45	125
Surr: Phenol-d6	2.21		2.680		82.6	40	125

Sample ID:	1106136-09AMS	**Batch ID:**	47008	**TestNo:**	SW8270D		**Units:**	mg/Kg-dry	
SampType:	MS	**Run ID:**	GCMS9_110629A	**Analysis Date:**	06/29/11 06:05 PM		**Prep Date:**	06/29/11	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
2,4,5-Trichlorophenol		1.28	0.0325	1.637	0	78.1	49	125			
2,4,6-Trichlorophenol		1.26	0.0325	1.637	0	77.1	43	125			
2,4-Dichlorophenol		1.23	0.0325	1.637	0	75.1	45	125			
2,4-Dimethylphenol		1.18	0.0325	1.637	0	72.1	32	125			
2,4-Dinitrophenol		0.871	0.161	1.637	0	53.2	25	132			
2,4-Dinitrotoluene		1.15	0.0325	1.637	0	70.1	48	125			
2,6-Dinitrotoluene		1.19	0.0325	1.637	0	72.6	48	125			
2-Chloronaphthalene		1.21	0.0325	1.637	0	74.1	45	125			
2-Chlorophenol		1.21	0.0325	1.637	0	74.1	44	125			
2-Methylnaphthalene		1.12	0.0325	1.637	0	68.7	47	125			
2-Methylphenol		1.25	0.0325	1.637	0	76.6	40	125			
2-Nitroaniline		1.15	0.0325	1.637	0	70.1	44	125			
2-Nitrophenol		1.22	0.0325	1.637	0	74.6	42	125			
3,3'-Dichlorobenzidine		2.31	0.0325	1.637	0	141	25	128			S

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

3-Nitroaniline	1.04	0.0325	1.637	0	63.7	27	126	
4,6-Dinitro-2-methylphenol	1.10	0.0806	1.637	0	67.2	29	137	
4-Bromophenyl phenyl ether	1.21	0.0325	1.637	0	74.1	46	125	
4-Chloro-3-methylphenol	1.12	0.0325	1.637	0	68.2	46	125	
4-Chloroaniline	0.920	0.0806	1.637	0	56.2	25	125	
4-Chlorophenyl phenyl ether	1.12	0.0325	1.637	0	68.7	47	125	
4-Methylphenol	1.27	0.0325	1.637	0	77.6	41	125	
4-Nitroaniline	1.08	0.0325	1.637	0	65.7	34	125	
4-Nitrophenol	1.12	0.161	1.637	0	68.2	25	138	
Acenaphthene	1.13	0.0325	1.637	0	69.2	46	125	
Acenaphthylene	1.21	0.0325	1.637	0	73.6	44	125	
Acetophenone	1.14	0.0325	1.637	0	69.7	40	125	
Anthracene	1.24	0.0325	1.637	0	75.6	53	125	
Atrazine	1.20	0.0325	1.637	0	73.1	40	125	
Benzaldehyde	1.06	0.0325	1.637	0	64.7	40	125	N
Benzo[a]anthracene	1.16	0.0325	1.637	0.04867	67.7	52	125	
Benzo[a]pyrene	1.38	0.0325	1.637	0.05678	81.1	50	125	
Benzo[b]fluoranthene	1.49	0.0325	1.637	0.07301	86.6	45	125	
Benzo[g,h,i]perylene	1.36	0.0325	1.637	0.04056	80.6	38	126	
Benzo[k]fluoranthene	1.03	0.0325	1.637	0.03245	60.7	45	125	
Benzoic acid	0.366	0.161	1.637	0	22.4	25	125	S
Benzyl alcohol	1.17	0.0806	1.637	0	71.6	25	125	
Biphenyl	1.17	0.0325	1.637	0	71.6	40	125	
Bis(2-chloroethoxy)methane	1.14	0.0325	1.637	0	69.7	43	125	
Bis(2-chloroethyl)ether	1.03	0.0325	1.637	0	63.2	38	125	
Bis(2-chloroisopropyl)ether	1.00	0.0325	1.637	0	61.2	25	125	
Bis(2-ethylhexyl)phthalate	1.33	0.0806	1.637	0	81.1	47	127	
Butyl benzyl phthalate	1.15	0.0806	1.637	0	70.1	49	125	
Caprolactam	1.02	0.0325	1.637	0	62.2	40	125	
Carbazole	1.27	0.0325	1.637	0	77.6	40	125	
Chrysene	1.11	0.0325	1.637	0.03245	65.7	53	125	
Di-n-butyl phthalate	1.28	0.0806	1.637	0	78.1	56	125	
Di-n-octyl phthalate	1.40	0.0806	1.637	0	85.6	41	132	
Dibenz[a,h]anthracene	1.43	0.0325	1.637	0.03245	85.1	41	125	
Dibenzofuran	1.12	0.0325	1.637	0	68.2	51	125	
Diethyl phthalate	1.10	0.0806	1.637	0	67.2	50	125	
Dimethyl phthalate	1.14	0.0806	1.637	0	69.7	49	125	
Fluoranthene	1.50	0.0325	1.637	0.06490	87.6	54	125	
Fluorene	1.11	0.0325	1.637	0	67.7	49	125	
Hexachlorobenzene	1.20	0.0325	1.637	0	73.1	47	125	
Hexachlorobutadiene	1.07	0.0325	1.637	0	65.2	40	125	
Hexachlorocyclopentadiene	1.23	0.0806	1.637	0	75.1	34	125	
Hexachloroethane	0.994	0.0325	1.637	0	60.7	34	125	
Indeno[1,2,3-cd]pyrene	1.43	0.0325	1.637	0.04056	84.6	38	125	
Isophorone	1.12	0.0325	1.637	0	68.7	43	125	
N-Nitrosodi-n-propylamine	1.16	0.0325	1.637	0	70.6	40	125	
N-Nitrosodiphenylamine	1.25	0.0325	1.637	0	76.1	49	125	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

Naphthalene	1.07	0.0325	1.637	0	65.2	40	125
Nitrobenzene	1.11	0.0325	1.637	0	67.7	41	125
Pentachlorophenol	0.839	0.0325	1.637	0	51.2	25	125
Phenanthrene	1.22	0.0325	1.637	0.03245	72.6	50	125
Phenol	1.23	0.0325	1.637	0	75.1	25	125
Pyrene	1.06	0.0325	1.637	0.04867	61.7	46	125
Surr: 2,4,6-Tribromophenol	2.55		3.274		77.9	45	138
Surr: 2-Fluorobiphenyl	2.41		3.274		73.6	60	135
Surr: 2-Fluorophenol	2.50		3.274		76.4	37	125
Surr: 4-Terphenyl-d14	2.27		3.274		69.4	60	129
Surr: Nitrobenzene-d5	2.26		3.274		68.9	45	125
Surr: Phenol-d6	2.43		3.274		74.1	40	125

Sample ID:	**1106136-09AMSD**	**Batch ID:**	47008	**TestNo:**		SW8270D		**Units:**		mg/Kg-dry
SampType:	MSD	**Run ID:**	GCMS9_110629A	**Analysis Date:**		06/29/11 06:28 PM		**Prep Date:**		06/29/11
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
2,4,5-Trichlorophenol		1.38	0.0326	1.641	0	84.1	49	125	7.63	30	
2,4,6-Trichlorophenol		1.36	0.0326	1.641	0	83.1	43	125	7.72	30	
2,4-Dichlorophenol		1.30	0.0326	1.641	0	79.1	45	125	5.43	30	
2,4-Dimethylphenol		1.26	0.0326	1.641	0	76.6	32	125	6.29	30	
2,4-Dinitrophenol		0.849	0.162	1.641	0	51.7	25	132	2.58	30	
2,4-Dinitrotoluene		1.27	0.0326	1.641	0	77.1	48	125	9.72	30	
2,6-Dinitrotoluene		1.29	0.0326	1.641	0	78.6	48	125	8.16	30	
2-Chloronaphthalene		1.32	0.0326	1.641	0	80.6	45	125	8.63	30	
2-Chlorophenol		1.29	0.0326	1.641	0	78.6	44	125	6.13	30	
2-Methylnaphthalene		1.22	0.0326	1.641	0	74.1	47	125	7.93	30	
2-Methylphenol		1.31	0.0326	1.641	0	80.1	40	125	4.71	30	
2-Nitroaniline		1.28	0.0326	1.641	0	78.1	44	125	11.0	30	
2-Nitrophenol		1.32	0.0326	1.641	0	80.6	42	125	7.96	30	
3,3'-Dichlorobenzidine		2.45	0.0326	1.641	0	149	25	128	5.75	30	S
3-Nitroaniline		1.17	0.0326	1.641	0	71.1	27	126	11.3	30	
4,6-Dinitro-2-methylphenol		1.12	0.0808	1.641	0	68.2	29	137	1.74	30	
4-Bromophenyl phenyl ether		1.33	0.0326	1.641	0	81.1	46	125	9.24	30	
4-Chloro-3-methylphenol		1.18	0.0326	1.641	0	71.6	46	125	5.25	30	
4-Chloroaniline		1.00	0.0808	1.641	0	61.2	25	125	8.74	30	
4-Chlorophenyl phenyl ether		1.25	0.0326	1.641	0	76.1	47	125	10.6	30	
4-Methylphenol		1.31	0.0326	1.641	0	79.6	41	125	2.80	30	
4-Nitroaniline		1.19	0.0326	1.641	0	72.6	34	125	10.3	30	
4-Nitrophenol		1.18	0.162	1.641	0	71.6	25	138	5.25	30	
Acenaphthene		1.24	0.0326	1.641	0	75.6	46	125	9.20	30	
Acenaphthylene		1.31	0.0326	1.641	0	80.1	44	125	8.68	30	
Acetophenone		1.23	0.0326	1.641	0	75.1	40	125	7.83	30	
Anthracene		1.34	0.0326	1.641	0	81.6	53	125	7.86	30	
Atrazine		1.30	0.0326	1.641	0	79.1	40	125	8.11	30	
Benzaldehyde		1.18	0.0326	1.641	0	72.1	40	125	11.2	30	N
Benzo[a]anthracene		1.27	0.0326	1.641	0.04867	74.1	52	125	9.02	30	
Benzo[a]pyrene		1.51	0.0326	1.641	0.05678	88.6	50	125	8.72	30	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106125
Project: TCEQ Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110629A

Benzo[b]fluoranthene	1.58	0.0326	1.641	0.07301	92.1	45	125	6.10	30	
Benzo[g,h,i]perylene	1.49	0.0326	1.641	0.04056	88.6	38	126	9.41	30	
Benzo[k]fluoranthene	1.13	0.0326	1.641	0.03245	66.7	45	125	9.36	30	
Benzoic acid	0.376	0.162	1.641	0	22.9	25	125	2.46	30	S
Benzyl alcohol	1.30	0.0808	1.641	0	79.1	25	125	10.2	30	
Biphenyl	1.31	0.0326	1.641	0	79.6	40	125	10.8	30	
Bis(2-chloroethoxy)methane	1.26	0.0326	1.641	0	76.6	43	125	9.79	30	
Bis(2-chloroethyl)ether	1.11	0.0326	1.641	0	67.7	38	125	7.11	30	
Bis(2-chloroisopropyl)ether	1.07	0.0326	1.641	0	65.2	25	125	6.56	30	
Bis(2-ethylhexyl)phthalate	1.43	0.0808	1.641	0	87.1	47	127	7.37	30	
Butyl benzyl phthalate	1.22	0.0808	1.641	0	74.6	49	125	6.45	30	
Caprolactam	1.17	0.0326	1.641	0	71.1	40	125	13.7	30	
Carbazole	1.39	0.0326	1.641	0	84.6	40	125	8.85	30	
Chrysene	1.21	0.0326	1.641	0.03245	71.7	53	125	8.72	30	
Di-n-butyl phthalate	1.40	0.0808	1.641	0	85.1	56	125	8.80	30	
Di-n-octyl phthalate	1.52	0.0808	1.641	0	92.5	41	132	8.09	30	
Dibenz[a,h]anthracene	1.54	0.0326	1.641	0.03245	92.1	41	125	7.96	30	
Dibenzofuran	1.22	0.0326	1.641	0	74.6	51	125	9.32	30	
Diethyl phthalate	1.22	0.0808	1.641	0	74.1	50	125	10.1	30	
Dimethyl phthalate	1.28	0.0808	1.641	0	78.1	49	125	11.7	30	
Fluoranthene	1.62	0.0326	1.641	0.06490	94.6	54	125	7.60	30	
Fluorene	1.24	0.0326	1.641	0	75.6	49	125	11.4	30	
Hexachlorobenzene	1.31	0.0326	1.641	0	79.6	47	125	8.73	30	
Hexachlorobutadiene	1.14	0.0326	1.641	0	69.7	40	125	6.91	30	
Hexachlorocyclopentadiene	1.26	0.0808	1.641	0	76.6	34	125	2.23	30	
Hexachloroethane	1.06	0.0326	1.641	0	64.7	34	125	6.61	30	
Indeno[1,2,3-cd]pyrene	1.55	0.0326	1.641	0.04056	92.1	38	125	8.48	30	
Isophorone	1.23	0.0326	1.641	0	75.1	43	125	9.26	30	
N-Nitrosodi-n-propylamine	1.24	0.0326	1.641	0	75.6	40	125	7.07	30	
N-Nitrosodiphenylamine	1.35	0.0326	1.641	0	82.1	49	125	7.81	30	
Naphthalene	1.16	0.0326	1.641	0	70.6	40	125	8.32	30	
Nitrobenzene	1.19	0.0326	1.641	0	72.6	41	125	7.36	30	
Pentachlorophenol	0.866	0.0326	1.641	0	52.7	25	125	3.14	30	
Phenanthrene	1.33	0.0326	1.641	0.03245	79.1	50	125	8.57	30	
Phenol	1.30	0.0326	1.641	0	79.1	25	125	5.43	30	
Pyrene	1.14	0.0326	1.641	0.04867	66.2	46	125	6.96	30	
Surr: 2,4,6-Tribromophenol	2.74		3.283		83.3	45	138	0	0	
Surr: 2-Fluorobiphenyl	2.65		3.283		80.8	60	135	0	0	
Surr: 2-Fluorophenol	2.76		3.283		84.1	37	125	0	0	
Surr: 4-Terphenyl-d14	2.43		3.283		73.9	60	129	0	0	
Surr: Nitrobenzene-d5	2.48		3.283		75.6	45	125	0	0	
Surr: Phenol-d6	2.62		3.283		79.9	40	125	0	0	

Sample ID:	MB-47008	**Batch ID:**	47008	**TestNo:**	SW8270D		**Units:**	mg/Kg	
SampType:	MBLK	**Run ID:**	GCMS9_110629A	**Analysis Date:**	06/29/11 08:45 PM		**Prep Date:**	06/29/11	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
2,4,5-Trichlorophenol		<0.0266	0.0266								

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

2,4,6-Trichlorophenol	<0.0266	0.0266	
2,4-Dichlorophenol	<0.0266	0.0266	
2,4-Dimethylphenol	<0.0266	0.0266	
2,4-Dinitrophenol	<0.132	0.132	
2,4-Dinitrotoluene	<0.0266	0.0266	
2,6-Dinitrotoluene	<0.0266	0.0266	
2-Chloronaphthalene	<0.0266	0.0266	
2-Chlorophenol	<0.0266	0.0266	
2-Methylnaphthalene	<0.0266	0.0266	
2-Methylphenol	<0.0266	0.0266	
2-Nitroaniline	<0.0266	0.0266	
2-Nitrophenol	<0.0266	0.0266	
3,3'-Dichlorobenzidine	0.0133	0.0266	
3-Nitroaniline	<0.0266	0.0266	
4,6-Dinitro-2-methylphenol	<0.0660	0.0660	
4-Bromophenyl phenyl ether	<0.0266	0.0266	
4-Chloro-3-methylphenol	<0.0266	0.0266	
4-Chloroaniline	<0.0660	0.0660	
4-Chlorophenyl phenyl ether	<0.0266	0.0266	
4-Methylphenol	<0.0266	0.0266	
4-Nitroaniline	<0.0266	0.0266	
4-Nitrophenol	<0.132	0.132	
Acenaphthene	<0.0266	0.0266	
Acenaphthylene	<0.0266	0.0266	
Acetophenone	<0.0266	0.0266	
Anthracene	<0.0266	0.0266	
Atrazine	<0.0266	0.0266	
Benzaldehyde	<0.0266	0.0266	N
Benzo[a]anthracene	<0.0266	0.0266	
Benzo[a]pyrene	<0.0266	0.0266	
Benzo[b]fluoranthene	<0.0266	0.0266	
Benzo[g,h,i]perylene	<0.0266	0.0266	
Benzo[k]fluoranthene	<0.0266	0.0266	
Benzoic acid	<0.132	0.132	
Benzyl alcohol	<0.0660	0.0660	
Biphenyl	<0.0266	0.0266	
Bis(2-chloroethoxy)methane	<0.0266	0.0266	
Bis(2-chloroethyl)ether	<0.0266	0.0266	
Bis(2-chloroisopropyl)ether	<0.0266	0.0266	
Bis(2-ethylhexyl)phthalate	<0.0660	0.0660	
Butyl benzyl phthalate	<0.0660	0.0660	
Caprolactam	<0.0266	0.0266	
Carbazole	<0.0266	0.0266	
Chrysene	<0.0266	0.0266	
Di-n-butyl phthalate	<0.0660	0.0660	
Di-n-octyl phthalate	<0.0660	0.0660	
Dibenz[a,h]anthracene	<0.0266	0.0266	

CLIENT: Weston Solutions, Inc.
Work Order: 1106125
Project: TCEQ Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110629A

Dibenzofuran	<0.0266	0.0266				
Diethyl phthalate	<0.0660	0.0660				
Dimethyl phthalate	<0.0660	0.0660				
Fluoranthene	<0.0266	0.0266				
Fluorene	<0.0266	0.0266				
Hexachlorobenzene	<0.0266	0.0266				
Hexachlorobutadiene	<0.0266	0.0266				
Hexachlorocyclopentadiene	<0.0660	0.0660				
Hexachloroethane	<0.0266	0.0266				
Indeno[1,2,3-cd]pyrene	<0.0266	0.0266				
Isophorone	<0.0266	0.0266				
N-Nitrosodi-n-propylamine	<0.0266	0.0266				
N-Nitrosodiphenylamine	<0.0266	0.0266				
Naphthalene	<0.0266	0.0266				
Nitrobenzene	<0.0266	0.0266				
Pentachlorophenol	<0.0266	0.0266				
Phenanthrene	<0.0266	0.0266				
Phenol	<0.0266	0.0266				
Pyrene	<0.0266	0.0266				
Surr: 2,4,6-Tribromophenol	2.29		2.680	85.3	45	138
Surr: 2-Fluorobiphenyl	1.97		2.680	73.6	60	135
Surr: 2-Fluorophenol	2.19		2.680	81.6	37	125
Surr: 4-Terphenyl-d14	2.21		2.680	82.6	60	129
Surr: Nitrobenzene-d5	1.99		2.680	74.4	45	125
Surr: Phenol-d6	2.02		2.680	75.4	40	125

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106125
Project: TCEQ Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110629A

Sample ID: ICV-110629 **Batch ID:** R55612 **TestNo:** SW8270D **Units:** mg/Kg
SampType: ICV **Run ID:** GCMS9_110629A **Analysis Date:** 06/29/11 05:20 PM **Prep Date:**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	4.50	0.0266	4.000	0	112	70	130			
2,4,6-Trichlorophenol	4.46	0.0266	4.000	0	112	80	120			
2,4-Dichlorophenol	4.37	0.0266	4.000	0	109	80	120			
2,4-Dimethylphenol	3.14	0.0266	4.000	0	78.5	70	130			
2,4-Dinitrophenol	4.04	0.132	4.000	0	101	70	130			
2,4-Dinitrotoluene	3.99	0.0266	4.000	0	99.8	70	130			
2,6-Dinitrotoluene	4.12	0.0266	4.000	0	103	70	130			
2-Chloronaphthalene	4.26	0.0266	4.000	0	106	70	130			
2-Chlorophenol	4.17	0.0266	4.000	0	104	70	130			
2-Methylnaphthalene	4.26	0.0266	4.000	0	106	70	130			
2-Methylphenol	4.15	0.0266	4.000	0	104	70	130			
2-Nitroaniline	4.09	0.0266	4.000	0	102	70	130			
2-Nitrophenol	4.47	0.0266	4.000	0	112	80	120			
3,3'-Dichlorobenzidine	4.42	0.0266	4.000	0	110	70	130			
3-Nitroaniline	4.18	0.0266	4.000	0	104	70	130			
4,6-Dinitro-2-methylphenol	4.01	0.0660	4.000	0	100	70	130			
4-Bromophenyl phenyl ether	4.48	0.0266	4.000	0	112	70	130			
4-Chloro-3-methylphenol	4.20	0.0266	4.000	0	105	80	120			
4-Chloroaniline	4.29	0.0660	4.000	0	107	70	130			
4-Chlorophenyl phenyl ether	4.25	0.0266	4.000	0	106	70	130			
4-Methylphenol	4.25	0.0266	4.000	0	106	70	130			
4-Nitroaniline	3.86	0.0266	4.000	0	96.5	70	130			
4-Nitrophenol	3.87	0.132	4.000	0	96.8	70	130			
Acenaphthene	4.11	0.0266	4.000	0	103	80	120			
Acenaphthylene	4.42	0.0266	4.000	0	110	70	130			
Acetophenone	4.33	0.0266	4.000	0	108	70	130			
Anthracene	4.26	0.0266	4.000	0	106	70	130			
Atrazine	4.11	0.0266	4.000	0	103	70	130			
Benzaldehyde	3.88	0.0266	4.000	0	97.0	70	130			N
Benzo[a]anthracene	3.99	0.0266	4.000	0	99.8	70	130			
Benzo[a]pyrene	4.28	0.0266	4.000	0	107	80	120			
Benzo[b]fluoranthene	4.31	0.0266	4.000	0	108	70	130			
Benzo[g,h,i]perylene	4.34	0.0266	4.000	0	108	70	130			
Benzo[k]fluoranthene	3.72	0.0266	4.000	0	93.0	70	130			
Benzoic acid	4.19	0.132	4.000	0	105	70	130			
Benzyl alcohol	4.37	0.0660	4.000	0	109	70	130			
Biphenyl	4.29	0.0266	4.000	0	107	70	130			
Bis(2-chloroethoxy)methane	4.19	0.0266	4.000	0	105	70	130			
Bis(2-chloroethyl)ether	3.83	0.0266	4.000	0	95.8	70	130			
Bis(2-chloroisopropyl)ether	3.63	0.0266	4.000	0	90.8	70	130			
Bis(2-ethylhexyl)phthalate	4.18	0.0660	4.000	0	104	70	130			
Butyl benzyl phthalate	4.00	0.0660	4.000	0	100	70	130			
Caprolactam	4.03	0.0266	4.000	0	101	70	130			
Carbazole	4.28	0.0266	4.000	0	107	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106125
Project: TCEQ Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110629A

Chrysene	3.87	0.0266	4.000	0	96.8	70	130
Di-n-butyl phthalate	4.05	0.0660	4.000	0	101	70	130
Di-n-octyl phthalate	4.34	0.0660	4.000	0	108	80	120
Dibenz[a,h]anthracene	4.58	0.0266	4.000	0	114	70	130
Dibenzofuran	4.03	0.0266	4.000	0	101	70	130
Diethyl phthalate	3.97	0.0660	4.000	0	99.2	70	130
Dimethyl phthalate	4.19	0.0660	4.000	0	105	70	130
Fluoranthene	4.59	0.0266	4.000	0	115	70	130
Fluorene	4.18	0.0266	4.000	0	104	80	120
Hexachlorobenzene	4.36	0.0266	4.000	0	109	70	130
Hexachlorobutadiene	4.21	0.0266	4.000	0	105	80	120
Hexachlorocyclopentadiene	3.98	0.0660	4.000	0	99.5	70	130
Hexachloroethane	4.10	0.0266	4.000	0	103	70	130
Indeno[1,2,3-cd]pyrene	4.53	0.0266	4.000	0	113	70	130
Isophorone	4.24	0.0266	4.000	0	106	70	130
N-Nitrosodi-n-propylamine	4.20	0.0266	4.000	0	105	70	130
N-Nitrosodiphenylamine	4.52	0.0266	4.000	0	113	80	120
Naphthalene	4.04	0.0266	4.000	0	101	70	130
Nitrobenzene	4.02	0.0266	4.000	0	101	70	130
Pentachlorophenol	3.40	0.0266	4.000	0	85.0	80	120
Phenanthrene	4.09	0.0266	4.000	0	102	70	130
Phenol	4.41	0.0266	4.000	0	110	80	120
Pyrene	3.97	0.0266	4.000	0	99.2	70	130
Surr: 2,4,6-Tribromophenol	4.32		4.000		108	80	120
Surr: 2-Fluorobiphenyl	4.28		4.000		107	80	120
Surr: 2-Fluorophenol	4.30		4.000		108	80	120
Surr: 4-Terphenyl-d14	4.12		4.000		103	80	120
Surr: Nitrobenzene-d5	4.17		4.000		104	80	120
Surr: Phenol-d6	4.29		4.000		107	80	120

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106125
Project: TCEQ Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110630A

Sample ID:	SYS BLANK-47008	Batch ID:	47008	TestNo:	SW8270D	Units:	mg/Kg
SampType:	MBLK	Run ID:	GCMS9_110630A	Analysis Date:	06/30/11 09:23 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	<0.0266	0.0266								
2,4,6-Trichlorophenol	<0.0266	0.0266								
2,4-Dichlorophenol	<0.0266	0.0266								
2,4-Dimethylphenol	<0.0266	0.0266								
2,4-Dinitrophenol	<0.132	0.132								
2,4-Dinitrotoluene	<0.0266	0.0266								
2,6-Dinitrotoluene	<0.0266	0.0266								
2-Chloronaphthalene	<0.0266	0.0266								
2-Chlorophenol	<0.0266	0.0266								
2-Methylnaphthalene	<0.0266	0.0266								
2-Methylphenol	<0.0266	0.0266								
2-Nitroaniline	<0.0266	0.0266								
2-Nitrophenol	<0.0266	0.0266								
3,3'-Dichlorobenzidine	0.0200	0.0266								
3-Nitroaniline	<0.0266	0.0266								
4,6-Dinitro-2-methylphenol	<0.0660	0.0660								
4-Bromophenyl phenyl ether	<0.0266	0.0266								
4-Chloro-3-methylphenol	<0.0266	0.0266								
4-Chloroaniline	<0.0660	0.0660								
4-Chlorophenyl phenyl ether	<0.0266	0.0266								
4-Methylphenol	<0.0266	0.0266								
4-Nitroaniline	<0.0266	0.0266								
4-Nitrophenol	<0.132	0.132								
Acenaphthene	<0.0266	0.0266								
Acenaphthylene	<0.0266	0.0266								
Acetophenone	<0.0266	0.0266								
Anthracene	<0.0266	0.0266								
Atrazine	<0.0266	0.0266								
Benzaldehyde	<0.0266	0.0266								N
Benzo[a]anthracene	<0.0266	0.0266								
Benzo[a]pyrene	<0.0266	0.0266								
Benzo[b]fluoranthene	<0.0266	0.0266								
Benzo[g,h,i]perylene	<0.0266	0.0266								
Benzo[k]fluoranthene	<0.0266	0.0266								
Benzoic acid	<0.132	0.132								
Benzyl alcohol	<0.0660	0.0660								
Biphenyl	<0.0266	0.0266								
Bis(2-chloroethoxy)methane	<0.0266	0.0266								
Bis(2-chloroethyl)ether	<0.0266	0.0266								
Bis(2-chloroisopropyl)ether	<0.0266	0.0266								
Bis(2-ethylhexyl)phthalate	<0.0660	0.0660								
Butyl benzyl phthalate	<0.0660	0.0660								
Caprolactam	<0.0266	0.0266								
Carbazole	<0.0266	0.0266								

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

Chrysene	<0.0266	0.0266
Di-n-butyl phthalate	<0.0660	0.0660
Di-n-octyl phthalate	<0.0660	0.0660
Dibenz[a,h]anthracene	<0.0266	0.0266
Dibenzofuran	<0.0266	0.0266
Diethyl phthalate	<0.0660	0.0660
Dimethyl phthalate	<0.0660	0.0660
Fluoranthene	<0.0266	0.0266
Fluorene	<0.0266	0.0266
Hexachlorobenzene	<0.0266	0.0266
Hexachlorobutadiene	<0.0266	0.0266
Hexachlorocyclopentadiene	<0.0660	0.0660
Hexachloroethane	<0.0266	0.0266
Indeno[1,2,3-cd]pyrene	<0.0266	0.0266
Isophorone	<0.0266	0.0266
N-Nitrosodi-n-propylamine	<0.0266	0.0266
N-Nitrosodiphenylamine	<0.0266	0.0266
Naphthalene	<0.0266	0.0266
Nitrobenzene	<0.0266	0.0266
Pentachlorophenol	<0.0266	0.0266
Phenanthrene	<0.0266	0.0266
Phenol	<0.0266	0.0266
Pyrene	<0.0266	0.0266

CLIENT: Weston Solutions, Inc.
Work Order: 1106125
Project: TCEQ Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110630A

Sample ID:	ICV-110630	Batch ID:	R55625	TestNo:	SW8270D	Units:	mg/Kg
SampType:	ICV	Run ID:	GCMS9_110630A	Analysis Date:	06/30/11 08:36 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	4.53	0.0266	4.000	0	113	70	130			
2,4,6-Trichlorophenol	4.43	0.0266	4.000	0	111	80	120			
2,4-Dichlorophenol	4.48	0.0266	4.000	0	112	80	120			
2,4-Dimethylphenol	3.14	0.0266	4.000	0	78.5	70	130			
2,4-Dinitrophenol	4.10	0.132	4.000	0	103	70	130			
2,4-Dinitrotoluene	3.93	0.0266	4.000	0	98.2	70	130			
2,6-Dinitrotoluene	4.08	0.0266	4.000	0	102	70	130			
2-Chloronaphthalene	4.30	0.0266	4.000	0	108	70	130			
2-Chlorophenol	4.08	0.0266	4.000	0	102	70	130			
2-Methylnaphthalene	4.37	0.0266	4.000	0	109	70	130			
2-Methylphenol	4.06	0.0266	4.000	0	102	70	130			
2-Nitroaniline	4.05	0.0266	4.000	0	101	70	130			
2-Nitrophenol	4.52	0.0266	4.000	0	113	80	120			
3,3'-Dichlorobenzidine	4.09	0.0266	4.000	0	102	70	130			
3-Nitroaniline	4.08	0.0266	4.000	0	102	70	130			
4,6-Dinitro-2-methylphenol	4.11	0.0660	4.000	0	103	70	130			
4-Bromophenyl phenyl ether	4.62	0.0266	4.000	0	116	70	130			
4-Chloro-3-methylphenol	4.24	0.0266	4.000	0	106	80	120			
4-Chloroaniline	4.36	0.0660	4.000	0	109	70	130			
4-Chlorophenyl phenyl ether	4.25	0.0266	4.000	0	106	70	130			
4-Methylphenol	4.22	0.0266	4.000	0	106	70	130			
4-Nitroaniline	3.82	0.0266	4.000	0	95.5	70	130			
4-Nitrophenol	3.63	0.132	4.000	0	90.8	70	130			
Acenaphthene	4.17	0.0266	4.000	0	104	80	120			
Acenaphthylene	4.43	0.0266	4.000	0	111	70	130			
Acetophenone	4.25	0.0266	4.000	0	106	70	130			
Anthracene	4.35	0.0266	4.000	0	109	70	130			
Atrazine	4.19	0.0266	4.000	0	105	70	130			
Benzaldehyde	3.11	0.0266	4.000	0	77.8	70	130			N
Benzo[a]anthracene	4.06	0.0266	4.000	0	102	70	130			
Benzo[a]pyrene	4.33	0.0266	4.000	0	108	80	120			
Benzo[b]fluoranthene	4.48	0.0266	4.000	0	112	70	130			
Benzo[g,h,i]perylene	4.39	0.0266	4.000	0	110	70	130			
Benzo[k]fluoranthene	3.64	0.0266	4.000	0	91.0	70	130			
Benzoic acid	4.46	0.132	4.000	0	112	70	130			
Benzyl alcohol	4.23	0.0660	4.000	0	106	70	130			
Biphenyl	4.31	0.0266	4.000	0	108	70	130			
Bis(2-chloroethoxy)methane	4.23	0.0266	4.000	0	106	70	130			
Bis(2-chloroethyl)ether	3.67	0.0266	4.000	0	91.8	70	130			
Bis(2-chloroisopropyl)ether	3.46	0.0266	4.000	0	86.5	70	130			
Bis(2-ethylhexyl)phthalate	4.21	0.0660	4.000	0	105	70	130			
Butyl benzyl phthalate	3.97	0.0660	4.000	0	99.2	70	130			
Caprolactam	4.04	0.0266	4.000	0	101	70	130			
Carbazole	4.33	0.0266	4.000	0	108	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110630A

Chrysene	3.86	0.0266	4.000	0	96.5	70	130
Di-n-butyl phthalate	4.18	0.0660	4.000	0	104	70	130
Di-n-octyl phthalate	4.43	0.0660	4.000	0	111	80	120
Dibenz[a,h]anthracene	4.64	0.0266	4.000	0	116	70	130
Dibenzofuran	4.03	0.0266	4.000	0	101	70	130
Diethyl phthalate	3.92	0.0660	4.000	0	98.0	70	130
Dimethyl phthalate	4.12	0.0660	4.000	0	103	70	130
Fluoranthene	4.68	0.0266	4.000	0	117	70	130
Fluorene	4.16	0.0266	4.000	0	104	80	120
Hexachlorobenzene	4.45	0.0266	4.000	0	111	70	130
Hexachlorobutadiene	4.19	0.0266	4.000	0	105	80	120
Hexachlorocyclopentadiene	3.71	0.0660	4.000	0	92.8	70	130
Hexachloroethane	4.04	0.0266	4.000	0	101	70	130
Indeno[1,2,3-cd]pyrene	4.60	0.0266	4.000	0	115	70	130
Isophorone	4.38	0.0266	4.000	0	110	70	130
N-Nitrosodi-n-propylamine	4.08	0.0266	4.000	0	102	70	130
N-Nitrosodiphenylamine	4.53	0.0266	4.000	0	113	80	120
Naphthalene	4.02	0.0266	4.000	0	101	70	130
Nitrobenzene	3.91	0.0266	4.000	0	97.8	70	130
Pentachlorophenol	3.56	0.0266	4.000	0	89.0	80	120
Phenanthrene	4.14	0.0266	4.000	0	104	70	130
Phenol	3.98	0.0266	4.000	0	99.5	80	120
Pyrene	3.95	0.0266	4.000	0	98.8	70	130
Surr: 2,4,6-Tribromophenol	4.34		4.000		108	80	120
Surr: 2-Fluorobiphenyl	4.32		4.000		108	80	120
Surr: 2-Fluorophenol	4.30		4.000		108	80	120
Surr: 4-Terphenyl-d14	4.12		4.000		103	80	120
Surr: Nitrobenzene-d5	4.12		4.000		103	80	120
Surr: Phenol-d6	4.18		4.000		104	80	120

CLIENT: Weston Solutions, Inc.
Work Order: 1106125
Project: TCEQ Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: PMOIST_110623A

Sample ID:	1106118-09BDUP	**Batch ID:**	46900	**TestNo:**	D2216			**Units:**	WT%
SampType:	DUP	**Run ID:**	PMOIST_110623A	**Analysis Date:**	06/24/11 09:40 AM			**Prep Date:**	06/23/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Percent Moisture	11.5	0	0	12.55				9.03	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106125
Project: TCEQ Encycle

MQL SUMMARY REPORT

TestNo: SW8082A Analyte	MDL mg/Kg	MQL mg/Kg
Aroclor 1016	0.0500	0.100
Aroclor 1221	0.0500	0.100
Aroclor 1232	0.0500	0.100
Aroclor 1242	0.0500	0.100
Aroclor 1248	0.0500	0.100
Aroclor 1254	0.0500	0.100
Aroclor 1260	0.0500	0.100
Aroclor 1268	0.0500	0.100

TestNo: SW8082A Analyte	MDL mg/L	MQL mg/L
Aroclor 1016	0.000100	0.000250
Aroclor 1221	0.000100	0.000250
Aroclor 1232	0.000100	0.000250
Aroclor 1242	0.000100	0.000250
Aroclor 1248	0.000100	0.000250
Aroclor 1254	0.000100	0.000250
Aroclor 1260	0.000100	0.000250

TestNo: SW8270D Analyte	MDL mg/Kg	MQL mg/Kg
2,4,5-Trichlorophenol	0.0100	0.0266
2,4,6-Trichlorophenol	0.0100	0.0266
2,4-Dichlorophenol	0.0100	0.0266
2,4-Dimethylphenol	0.0100	0.0266
2,4-Dinitrophenol	0.0500	0.132
2,4-Dinitrotoluene	0.0100	0.0266
2,6-Dinitrotoluene	0.0100	0.0266
2-Chloronaphthalene	0.0100	0.0266
2-Chlorophenol	0.0100	0.0266
2-Methylnaphthalene	0.0100	0.0266
2-Methylphenol	0.0100	0.0266
2-Nitroaniline	0.0100	0.0266
2-Nitrophenol	0.0100	0.0266
3,3'-Dichlorobenzidine	0.0100	0.0266
3-Nitroaniline	0.0100	0.0266
4,6-Dinitro-2-methylphenol	0.0300	0.0660
4-Bromophenyl phenyl ether	0.0100	0.0266
4-Chloro-3-methylphenol	0.0100	0.0266
4-Chloroaniline	0.0300	0.0660
4-Chlorophenyl phenyl ether	0.0100	0.0266
4-Methylphenol	0.0200	0.0266
4-Nitroaniline	0.0100	0.0266
4-Nitrophenol	0.0500	0.132
Acenaphthene	0.0100	0.0266
Acenaphthylene	0.0100	0.0266
Acetophenone	0.0100	0.0266
Anthracene	0.0100	0.0266
Atrazine	0.0100	0.0266
Benzaldehyde	0.0100	0.0266
Benzo[a]anthracene	0.0100	0.0266
Benzo[a]pyrene	0.0100	0.0266
Benzo[b]fluoranthene	0.0100	0.0266
Benzo[g,h,i]perylene	0.0100	0.0266
Benzo[k]fluoranthene	0.0100	0.0266
Benzoic acid	0.0500	0.132
Benzyl alcohol	0.0100	0.0660
Biphenyl	0.0100	0.0266
Bis(2-chloroethoxy)methane	0.0100	0.0266
Bis(2-chloroethyl)ether	0.0100	0.0266
Bis(2-chloroisopropyl)ether	0.0100	0.0266
Bis(2-ethylhexyl)phthalate	0.0300	0.0660
Butyl benzyl phthalate	0.0400	0.0660
Caprolactam	0.0200	0.0266
Carbazole	0.0100	0.0266
Chrysene	0.0100	0.0266
Di-n-butyl phthalate	0.0400	0.0660
Di-n-octyl phthalate	0.0400	0.0660
Dibenz[a,h]anthracene	0.0100	0.0266
Dibenzofuran	0.0100	0.0266
Diethyl phthalate	0.0400	0.0660
Dimethyl phthalate	0.0400	0.0660
Fluoranthene	0.0100	0.0266
Fluorene	0.0100	0.0266
Hexachlorobenzene	0.0100	0.0266
Hexachlorobutadiene	0.0100	0.0266
Hexachlorocyclopentadiene	0.0300	0.0660
Hexachloroethane	0.0100	0.0266
Indeno[1,2,3-cd]pyrene	0.0100	0.0266
Isophorone	0.0100	0.0266
N-Nitrosodi-n-propylamine	0.0100	0.0266
N-Nitrosodiphenylamine	0.0100	0.0266
Naphthalene	0.0100	0.0266
Nitrobenzene	0.0100	0.0266
Pentachlorophenol	0.0100	0.0266
Phenanthrene	0.0100	0.0266
Phenol	0.0100	0.0266
Pyrene	0.0100	0.0266

TestNo: SW8270D	MDL	MQL

Qualifiers:
MQL - Method Quantitation Limit as defined by TRRP
MDL - Method Detection Limit as defined by TRRP

CLIENT: Weston Solutions, Inc.
Work Order: 1106125
Project: TCEQ Encycle

MQL SUMMARY REPORT

Analyte	mg/L	mg/L
2,4,5-Trichlorophenol	0.000200	0.000800
2,4,6-Trichlorophenol	0.000200	0.000800
2,4-Dichlorophenol	0.000200	0.000800
2,4-Dimethylphenol	0.000400	0.000800
2,4-Dinitrophenol	0.00100	0.00400
2,4-Dinitrotoluene	0.000200	0.000800
2,6-Dinitrotoluene	0.000200	0.000800
2-Chloronaphthalene	0.000200	0.000800
2-Chlorophenol	0.000200	0.000800
2-Methylnaphthalene	0.000200	0.000800
2-Methylphenol	0.000200	0.000800
2-Nitroaniline	0.000200	0.000800
2-Nitrophenol	0.000400	0.000800
3,3′-Dichlorobenzidine	0.000400	0.000800
3-Nitroaniline	0.000200	0.000800
4,6-Dinitro-2-methylphenol	0.000500	0.00200
4-Bromophenyl phenyl ether	0.000200	0.000800
4-Chloro-3-methylphenol	0.000200	0.000800
4-Chloroaniline	0.000500	0.00200
4-Chlorophenyl phenyl ether	0.000200	0.000800
4-Methylphenol	0.000200	0.000800
4-Nitroaniline	0.000400	0.000800
4-Nitrophenol	0.00100	0.00400
Acenaphthene	0.000200	0.000800
Acenaphthylene	0.000200	0.000800
Acetophenone	0.000200	0.000800
Anthracene	0.000200	0.000800
Atrazine	0.000200	0.000800
Benzaldehyde	0.000400	0.000800
Benzo[a]anthracene	0.000400	0.000800
Benzo[a]pyrene	0.000200	0.000800
Benzo[b]fluoranthene	0.000400	0.000800
Benzo[g,h,i]perylene	0.000400	0.000800
Benzo[k]fluoranthene	0.000400	0.000800
Benzoic acid	0.00200	0.00600
Benzyl alcohol	0.000500	0.00200
Biphenyl	0.000200	0.000800
Bis(2-chloroethoxy)methane	0.000200	0.000800
Bis(2-chloroethyl)ether	0.000200	0.000800
Bis(2-chloroisopropyl)ether	0.000200	0.000800
Bis(2-ethylhexyl)phthalate	0.00100	0.00300
Butyl benzyl phthalate	0.00200	0.00600
Caprolactam	0.000200	0.000800
Carbazole	0.000200	0.000800
Chrysene	0.000400	0.000800
Di-n-butyl phthalate	0.00200	0.00600
Di-n-octyl phthalate	0.00200	0.00600
Dibenz[a,h]anthracene	0.000200	0.000800
Dibenzofuran	0.000200	0.000800
Diethyl phthalate	0.00200	0.00600
Dimethyl phthalate	0.00200	0.00600
Fluoranthene	0.000200	0.000800
Fluorene	0.000200	0.000800
Hexachlorobenzene	0.000200	0.000800
Hexachlorobutadiene	0.000200	0.000800
Hexachlorocyclopentadiene	0.000500	0.00200
Hexachloroethane	0.000200	0.000800
Indeno[1,2,3-cd]pyrene	0.000400	0.000800
Isophorone	0.000200	0.000800
N-Nitrosodi-n-propylamine	0.000100	0.000800
N-Nitrosodiphenylamine	0.000200	0.000800
Naphthalene	0.000200	0.000800
Nitrobenzene	0.000400	0.000800
Pentachlorophenol	0.000400	0.000800
Phenanthrene	0.000200	0.000800
Phenol	0.000400	0.000800
Pyrene	0.000400	0.000800

Qualifiers:
MQL - Method Quantitation Limit as defined by TRRP
MDL - Method Detection Limit as defined by TRRP

DHL ANALYTICAL

July 06, 2011

Order No: 1106136

Phil Bredfeldt
Weston Solutions, Inc.
2705 Bee Caves Road St 100
Austin, Texas 78746

TEL: (512) 651-7128
FAX: (512) 651-7101

RE: Encycle

Dear Phil Bredfeldt:

DHL Analytical received 15 sample(s) on 6/18/2011 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAC except where noted in the Case Narrative. All non-NELAC methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

John DuPont
General Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-11-6

ACCREDITED IN ACCORDANCE WITH nelac

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DHL ANALYTICAL

2300 Double Creek Dr. ■ Round Rock, TX 78664
Phone (512) 388-8222 ■ FAX (512) 388-8229
Web: www.dhlanalytical.com
E-Mail: login@dhlanalytical.com

№ 50903

CHAIN-OF-CUSTODY

CLIENT: TCEQ (Weston Solutions)
ADDRESS: 2705 Bee Cave Rd, Suite 100
PHONE: FAX/E-MAIL:
DATA REPORTED TO: Phil Bred Holt
ADDITIONAL REPORT COPIES TO:

DATE: 6/17/11 PAGE 1 OF 2
PO #: DHL WORK ORDER #: 1106134
PROJECT LOCATION OR NAME:
CLENT PROJECT #: 03YW.019.005.0072 COLLECTOR: F. Yepez, D. Alanio

Authorize 5% surcharge for TRRP Report? ☐ Yes ☐ No

S=SOIL P=PAINT W=WATER SL=SLUDGE A=AIR O=OTHER L=LIQUID SO=SOLID

PRESERVATION: HCl, HNO_3, H_2SO_4, NaOH, ICE, UNPRESERVED

ANALYSES: BTEX ☐ MTBE ☐ (METHOD 8021) TPH 1005 ☐ TPH 1006 ☐ HOLD 1006 ☐ GRO (METHOD 8015) ☐ DRO (METHOD 8105) ☐ VOC 8260 ☐ VOC 624 ☐ VOC 8260/5035 ☐ SVOC 8270 ☐ PAH 8270 ☐ HOLD PAH ☐ SVOC 625 ☐ 8081 PEST ☐ 608 PEST/PCB ☐ 8270 PEST ☐ 8270 PCB ☐ 8270 O-P PEST ☐ 8082 PCB ☐ 8330 EXPL ☐ PERCHLORATE ☐ 8321 HERB ☐ METALS 6020 ☐ METALS 200.8 ☐ DISS. METALS ☐ RCRA ☐ TX11 ☐ PH ☐ HEX CHROM ☐ ALKALINITY ☐ CHLORIDE ☐ ANIONS ☐ TCLP-SVOC ☐ VOC ☐ PEST ☐ HERB ☐ TCLP-METALS ☐ RCRA 8 ☐ TX-11 ☐ Pb ☐ RCI ☐ TOX ☐ FLASHPOINT ☐ TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ PCBS & SVOCs

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	HCl	HNO_3	H_2SO_4	NaOH	ICE	UNPRESERVED	PCBS & SVOCs	FIELD NOTES
SO-13	01	6/17/11	840	S	8oz jar	1					✓		✓	
SO-13D	02		850	S		1							✓	
GM-02	03		940	SO		1							✓	MS/MSD
Stack-02	04		1000	SO		1							✓	
SO-15	05		1020	S		1							✓	
SO-15D	06		1025	S		1							✓	
GM-03	07		1038	SO		1							✓	
SO-16	08		1105	S		1							✓	
SO-16D	09		1110	S		1							✓	MS/MSD
SO-98D	10		1145	S		1							✓	
SE-04	11		1200	O		1							✓	MS/MSD
SE-98	12		1230	O		1							✓	
SO-14	13		1230	S		1							✓	
SO-14D	14		1235	S	8oz jar	1					✓		✓	
ER-061711	15	6/17/11	1304	W	1L Amber Glass	4					✓		✓	
TOTAL														

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
[signature]	6/17/11 1650	[signature]
[signature]	6/18/11 1430	[signature]

TURN AROUND TIME: RUSH ☐ CALL FIRST; 1 DAY ☐ CALL FIRST; 2 DAY ☐; NORMAL ☒; OTHER ☐

LABORATORY USE ONLY: RECEIVING TEMP: 0.4, 0.8 THERM #: 57
CUSTODY SEALS: ☐ BROKEN ☒ INTACT ☐ NOT USED
☒ CARRIER BILL #: [illegible]
☐ APC DELIVERY
☐ HAND DELIVERED

☐ DHL DISPOSAL @ $5.00 each ☐ Return

FedEx. Express NEW Package US Airbill

8757 9729 1778

Recipient's Copy

1 From
Date 6/17/11
Sender's Name Deborah Alaniz Phone 512 423-8209
Company Western Solutions
Address 5449 Bearkane, Suite 308
City Corpus Christi State Tx. ZIP 75405

2 Your Internal Billing Reference 02444.019.00516072

3 To
Recipient's Name Jennifer Barker Phone 512 385-5222
Company DHL Analytical
Address 1005 Howard Terrace
Address Round Rock
City Round Rock State Tx ZIP 78664

HOLD Weekday
HOLD Saturday

4 Express Package Service
Next Business Day
FedEx First Overnight
FedEx Priority Overnight
FedEx Standard Overnight
2 or 3 Business Days
NEW FedEx 2Day A.M.
FedEx 2Day
FedEx Express Saver

5 Packaging
FedEx Envelope* FedEx Pak* FedEx Box FedEx Tube Other

6 Special Handling and Delivery Signature Options
SATURDAY Delivery
No Signature Required
Direct Signature
Indirect Signature
Does this shipment contain dangerous goods?
No Yes Dry Ice
Cargo Aircraft Only

7 Payment Bill to:
Sender Recipient Third Party Credit Card Cash/Check

Total Packages 2 Total Weight 72 Total Declared Value* 1000.

642

8757 9729 1778

fedex.com 1800Go-FedEx 1800463339

CUSTODY SEAL
DATE 6/17/11
SIGNATURE Dalia

3

QEC
Quality Environmental Containers
800-255-3900 · 304-255-3900

DHL Analytical

Sample Receipt Checklist

Client Name Weston Solutions, Inc. | Date Received: 6/18/2011

Work Order Number 1106136 | Received by JB

Checklist completed by: [signature] 6/20/11 (Signature / Date) | Reviewed by JS 6-20-11 (Initials / Date)

Carrier name: FedEx 1day

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	2.8 °C , 0.8
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Adjusted? _____ Checked by _____

Any No response must be detailed in the comments section below.

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Page 1 of 1

Laboratory Data Package Signature Page – RG-366/TRRP-13
Revised May 2010

This data package consists of:

This signature page, the laboratory review checklist, and the following reportable data:

- R1 Field chain-of-custody documentation;
- R2 Sample identification cross-reference;
- R3 Test reports (analytical data sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5,
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- R4 Surrogate recovery data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- R5 Test reports/summary forms for blank samples;
- R6 Test reports/summary forms for laboratory control samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - c) The laboratory's LCS QC limits.
- R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- R8 Laboratory analytical duplicate (if applicable) recovery and precision:
  - a) The amount of analyte measured in the duplicate,
  - b) The calculated RPD, and
  - c) The laboratory's QC limits for analytical duplicates.
- R9 List of method quantitation limits (MQLs) and detectability check sample results (DCS results can be found with the Miscellaneous Documents) for each analyte for each method and matrix;
- R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in Laboratory Review checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information or data affecting the quality of the data has been knowingly withheld.

This laboratory was last inspected by TCEQ on April 6-8, 2009. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

John DuPont – General Manager
Scott Schroeder – Technical Director

Signature

07/06/11
Date

DHL Analytical, Inc.

Laboratory Review Checklist: Reportable Data

Project Name: Encycle	Date: 7/6/2011
Reviewer Name: Angie O'Donnell	Laboratory Work Order: 1106136
Prep Batch Number(s): See Prep Dates Report	Run Batch: See Analytical Dates Report

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-Custody (C-O-C)**					
		1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				R1-01
		2) Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and Quality Control (QC) Identification**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test Reports**					
		1) Were all samples prepared and analyzed within holding times?	X				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample detection limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?	X				
		7) Were % moisture (or solids) reported for all soil and sediment samples?	X				
		8) Were bulk soils/solids samples for volatile analysis extracted with methanol per EPA Method 5035?			X		
		9) If required for the project, TICs reported?			X		
R4	O	**Surrogate Recovery Data**					
		1) Were surrogates added prior to extraction?	X				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?		X			R4-02
R5	OI	**Test Reports/Summary Forms for Blank Samples**					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Where method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations < MQL?		X			R5-04
R6	OI	**Laboratory Control Samples (LCS):**					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		6) Was the LCSD RPD within QC limits (if applicable)?	X				
R7	OI	**Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Data**					
		1) Were the project/method specified analytes included in the MS and MSD?	X				
		2) Were MS/MSD analyzed at the appropriate frequency?	X				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			R7-03
		4) Were MS/MSD RPDs within laboratory QC limits?		X			R7-04
R8	OI	**Analytical Duplicate Data**					
		1) Were appropriate analytical duplicates analyzed for each matrix?	X				
		2) Were analytical duplicates analyzed at the appropriate frequency?	X				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method Quantitation Limits (MQLs):**					
		1) Are the MQLs for each method analyte included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other Problems/Anomalies**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				R10-01
		2) Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		3) Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exceptrion Report should be completed for an item if "NR" or "No" is checked).

DHL Analytical, Inc.

Laboratory Review Checklist (continued): Supporting Data

Project Name: Encycle	Date: 7/6/2011
Reviewer Name: Angie O'Donnell	Laboratory Work Order: 1106136

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial Calibration (ICAL)**					
		1) Were response factors and/or relative response factors for each analyte within QC limits?	X				
		2) Were percent RSDs or correlation coefficient criteria met?	X				
		3) Was the number of standards recommended in the method used for all analytes?	X				
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		5) Are ICAL data available for all instruments used?	X				
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and Continuing calibration Verification (ICCV and CCV) and Continuing Calibration blank (CCB):**					
		1) Was the CCV analyzed at the method-required frequency?	X				
		2) Were percent differences for each analyte within the method-required QC limits?	X				
		3) Was the ICAL curve verified for each analyte?	X				
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass Spectral Tuning:**					
		1) Was the appropriate compound for the method used for tuning?	X				
		2) Were ion abundance data within the method-required QC limits?	X				
S4	O	**Internal Standards (IS):**					
		1) Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	**Raw Data (NELAC Section 5.5.10)**					
		1) Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		2) Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual Column Confirmation**					
		1) Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively Identified Compounds (TICs):**					
		1) If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) Results:**					
		1) Were percent recoveries within method QC limits?			X		
S9	I	**Serial Dilutions, Post Digestion Spikes, and Method of Standard Additions**					
		1) Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
	OI	**Method Detection Limit (MDL) Studies**					
		1) Was a MDL study performed for each reported analyte?	X				
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency Test Reports:**					
		1) Was the lab's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards Documentation**					
		1) Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/Analyte Identification Procedures**					
		1) Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of Analyst Competency (DOC)**					
		1) Was DOC conducted consistent with NELAC Chapter 5 – Appendix C?	X				
		2) Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/Validation Documentation for Methods (NELAC Chapter 5)**					
		1) Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory Standard Operating Procedures (SOPs):**					
		1) Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

DCS REPORTING

RunID:	GC16_110624A	Prep Date:	6/22/2011
SampID:	DCS-46881	Anaysis Date:	6/24/2011
TestNo:	SW8082A	Units:	mg/Kg
BatchID:	46881		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
Aroclor 1016	0.0432	0.1	0.075	57.6	20	400	
Aroclor 1260	0.0428	0.1	0.075	57.1	20	400	

DCS REPORTING

RunID:	GC16_110427A	Prep Date:	4/19/2011
SampID:	DCS-45959	Analysis Date:	4/27/2011
TestNo:	SW8082A	Units:	µg/L
BatchID:	45959		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
Aroclor 1016	0.272	0.3	0.2	136	20	400	
Aroclor 1260	0.163	0.3	0.2	81.7	20	400	

DCS REPORTING

RunID:	GCMS9_110511D	Prep Date:	4/25/2011
SampID:	DCS1-46031	Anaysis Date:	5/11/2011
TestNo:	SW8270D	Units:	mg/Kg
BatchID:	46031		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,2,4,5-Tetrachlorobenzene	0.00400	0.009	0.0053	75.5	20	400	
1,2,4-Trichlorobenzene	0.00400	0.009	0.0053	75.5	20	400	
1,2-Dichlorobenzene	0.00400	0.009	0.0053	75.5	20	400	
1,2-Diphenylhydrazine	0.00533	0.009	0.0053	101	20	400	
1,3-Dichlorobenzene	0.00400	0.009	0.0053	75.5	20	400	
1,4-Dichlorobenzene	0.00400	0.009	0.0053	75.5	20	400	
1-Methylnaphthalene	0.00400	0.009	0.0053	75.5	20	400	
2,3,4,6-Tetrachlorophenol	0.00400	0.03	0.0053	75.5	20	400	
2,4,5-Trichlorophenol	0.00400	0.009	0.0053	75.5	20	400	
2,4,6-Trichlorophenol	0.00400	0.009	0.0053	75.5	20	400	
2,4-Dichlorophenol	0.00400	0.009	0.0053	75.5	20	400	
2,4-Dimethylphenol	0.00533	0.03	0.0053	101	20	400	
2,4-Dinitrotoluene	0.00267	0.009	0.0053	50.3	20	400	
2,6-Dichlorophenol	0.00400	0.009	0.0053	75.5	20	400	
2,6-Dinitrotoluene	0.00533	0.009	0.0053	101	20	400	
2-Chloronaphthalene	0.00400	0.009	0.0053	75.5	20	400	
2-Chlorophenol	0.00400	0.009	0.0053	75.5	20	400	
2-Methylnaphthalene	0.00533	0.009	0.0053	101	20	400	
2-Methylphenol	0.00400	0.009	0.0053	75.5	20	400	
2-Nitroaniline	0.00400	0.009	0.0053	75.5	20	400	
2-Nitrophenol	0.00400	0.009	0.0053	75.5	20	400	
3,3'-Dichlorobenzidine	0.00267	0.03	0.0053	50.3	20	400	
3-Nitroaniline	0.00267	0.009	0.0053	50.3	20	400	
4,6-Dinitro-2-methylphenol	0.00533	0.03	0.0053	101	20	400	
4-Bromophenyl phenyl ether	0.00400	0.009	0.0053	75.5	20	400	
4-Chloro-3-methylphenol	0.00533	0.03	0.0053	101	20	400	
4-Chloroaniline	0.00133	0.03	0.0053	25.2	20	400	
4-Chlorophenyl phenyl ether	0.00400	0.009	0.0053	75.5	20	400	
4-Methylphenol	0.00800	0.009	0.0053	151	20	400	
4-Nitroaniline	0.00267	0.009	0.0053	50.3	20	400	
4-Nitrophenol	0.00400	0.03	0.0053	75.5	20	400	
Acenaphthene	0.00400	0.009	0.0053	75.5	20	400	
Acenaphthylene	0.00400	0.009	0.0053	75.5	20	400	
Acetophenone	0.00400	0.009	0.0053	75.5	20	400	
Aniline	0.00267	0.03	0.0053	50.3	20	400	
Anthracene	0.00533	0.009	0.0053	101	20	400	
Atrazine	0.00400	0.009	0.0053	75.5	20	400	
Benzaldehyde	0.00667	0.03	0.0053	126	20	400	
Benzo[a]anthracene	0.00267	0.009	0.0053	50.3	20	400	
Benzo[a]pyrene	0.00400	0.009	0.0053	75.5	20	400	
Benzo[b]fluoranthene	0.00400	0.009	0.0053	75.5	20	400	
Benzo[g,h,i]perylene	0.00400	0.009	0.0053	75.5	20	400	
Benzo[k]fluoranthene	0.00400	0.009	0.0053	75.5	20	400	

DCS REPORTING

RunID:	GCMS9_110511D	Prep Date:	4/25/2011
SampID:	DCS1-46031	Anaysis Date:	5/11/2011
TestNo:	SW8270D	Units.	mg/Kg
BatchID:	46031		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
Benzoic acid	0.00400	0.09	0.0053	75.5	20	400	
Benzyl alcohol	0.00800	0.09	0.0053	151	20	400	
Biphenyl	0.00400	0.009	0.0053	75.5	20	400	
Bis(2-chloroethoxy)methane	0.00400	0.009	0.0053	75.5	20	400	
Bis(2-chloroethyl)ether	0.00533	0.009	0.0053	101	20	400	
Bis(2-chloroisopropyl)ether	0.00267	0.009	0.0053	50.3	20	400	
Bis(2-ethylhexyl)phthalate	0.00800	0.09	0.0053	151	20	400	
Butyl benzyl phthalate	0.00533	0.09	0.0053	101	20	400	
Caprolactam	0.00533	0.09	0.0053	101	20	400	
Carbazole	0.00533	0.009	0.0053	101	20	400	
Chrysene	0.00533	0.009	0.0053	101	20	400	
Di-n-butyl phthalate	0.0200	0.09	0.0053	377	20	400	
Di-n-octyl phthalate	0.00400	0.09	0.0053	75.5	20	400	
Dibenz[a,h]anthracene	0.00400	0.009	0.0053	75.5	20	400	
Dibenzofuran	0.00400	0.009	0.0053	75.5	20	400	
Diethyl phthalate	0.00533	0.09	0.0053	101	20	400	
Dimethyl phthalate	0.00533	0.09	0.0053	101	20	400	
Fluoranthene	0.00533	0.009	0.0053	101	20	400	
Fluorene	0.00400	0.009	0.0053	75.5	20	400	
Hexachlorobenzene	0.00533	0.009	0.0053	101	20	400	
Hexachlorobutadiene	0.00400	0.009	0.0053	75.5	20	400	
Hexachloroethane	0.00400	0.009	0.0053	75.5	20	400	
Indeno[1,2,3-cd]pyrene	0.00400	0.009	0.0053	75.5	20	400	
Isophorone	0.00400	0.009	0.0053	75.5	20	400	
N-Nitroso-di-n-butylamine	0.00533	0.03	0.0053	101	20	400	
N-Nitrosodi-n-propylamine	0.00533	0.009	0.0053	101	20	400	
N-Nitrosodiethylamine	0.00400	0.09	0.0053	75.5	20	400	
N-Nitrosodimethylamine	0.0107	0.09	0.0053	201	20	400	
N-Nitrosodiphenylamine	0.00533	0.009	0.0053	101	20	400	
Naphthalene	0.00533	0.009	0.0053	101	20	400	
Nitrobenzene	0.00667	0.009	0.0053	126	20	400	
Pentachlorobenzene	0.00400	0.009	0.0053	75.5	20	400	
Pentachlorophenol	0.00533	0.009	0.0053	101	20	400	
Phenanthrene	0.00533	0.009	0.0053	101	20	400	
Phenol	0.00533	0.03	0.0053	101	20	400	
Pyrene	0.00533	0.009	0.0053	101	20	400	
Pyridine	0.00800	0.09	0.0053	151	20	400	

DCS REPORTING

RunID:	GCMS9_110511D	Prep Date:	4/25/2011
SampID:	DCS2-46031	Anaysis Date:	5/11/2011
TestNo:	SW8270D	Units:	mg/Kg
BatchID:	46031		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
2,4-Dinitrophenol	0.00800	0.09	0.0133	60.4	20	400	
Benzidine	0.0200	0.09	0.0133	151	20	400	
Hexachlorocyclopentadiene	0.00933	0.09	0.0133	70.4	20	400	

DCS REPORTING

RunID:	GCMS9_110415A	Prep Date:	4/14/2011
SampID:	DCS1-45878	Analysis Date:	4/15/2011
TestNo:	SW8270D	Units:	µg/L
BatchID:	45878		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,2,4,5-Tetrachlorobenzene	0.200	0.2	0.16	125	20	400	
1,2,4-Trichlorobenzene	0.120	0.2	0.16	75.0	20	400	
1,2-Dichlorobenzene	0.120	0.2	0.16	75.0	20	400	
1,2-Diphenylhydrazine	0.160	0.2	0.16	100	20	400	
1,3-Dichlorobenzene	0.120	0.2	0.16	75.0	20	400	
1,4-Dichlorobenzene	0.120	0.2	0.16	75.0	20	400	
1-Methylnaphthalene	0.200	0.2	0.16	125	20	400	
2,3,4,6-Tetrachlorophenol	0.160	0.8	0.16	100	20	400	
2,4,5-Trichlorophenol	0.200	0.2	0.16	125	20	400	
2,4,6-Trichlorophenol	0.200	0.2	0.16	125	20	400	
2,4-Dichlorophenol	0.200	0.2	0.16	125	20	400	
2,4-Dimethylphenol	0.200	0.8	0.16	125	20	400	
2,4-Dinitrotoluene	0.120	0.2	0.16	75.0	20	400	
2,6-Dichlorophenol	0.200	0.2	0.16	125	20	400	
2,6-Dinitrotoluene	0.160	0.2	0.16	100	20	400	
2-Chloronaphthalene	0.160	0.2	0.16	100	20	400	
2-Chlorophenol	0.160	0.2	0.16	100	20	400	
2-Methylnaphthalene	0.160	0.2	0.16	100	20	400	
2-Methylphenol	0.0800	0.2	0.16	50.0	20	400	
2-Nitroaniline	0.120	0.2	0.16	75.0	20	400	
2-Nitrophenol	0.160	0.2	0.16	100	20	400	
3,3'-Dichlorobenzidine	0.0800	0.8	0.16	50.0	20	400	
3-Nitroaniline	0.120	0.2	0.16	75.0	20	400	
4,6-Dinitro-2-methylphenol	0.160	0.8	0.16	100	20	400	
4-Bromophenyl phenyl ether	0.160	0.2	0.16	100	20	400	
4-Chloro-3-methylphenol	0.240	0.8	0.16	150	20	400	
4-Chloroaniline	0.120	0.8	0.16	75.0	20	400	
4-Chlorophenyl phenyl ether	0.160	0.2	0.16	100	20	400	
4-Methylphenol	0.160	0.2	0.16	100	20	400	
4-Nitroaniline	0.120	0.2	0.16	75.0	20	400	
4-Nitrophenol	0.160	0.8	0.16	100	20	400	
Acenaphthene	0.200	0.2	0.16	125	20	400	
Acenaphthylene	0.160	0.2	0.16	100	20	400	
Acetophenone	0.200	0.8	0.16	125	20	400	
Aniline	0.0800	0.8	0.16	50.0	20	400	
Anthracene	0.200	0.2	0.16	125	20	400	
Atrazine	0.160	0.2	0.16	100	20	400	
Benzaldehyde	0.200	0.8	0.16	125	20	400	
Benzo[a]anthracene	0.120	0.2	0.16	75.0	20	400	
Benzo[a]pyrene	0.160	0.2	0.16	100	20	400	
Benzo[b]fluoranthene	0.160	0.2	0.16	100	20	400	
Benzo[g,h,i]perylene	0.200	0.2	0.16	125	20	400	
Benzo[k]fluoranthene	0.200	0.2	0.16	125	20	400	

DCS REPORTING

RunID:	GCMS9_110415A	Prep Date:	4/14/2011
SampID:	DCS1-45878	Anaysis Date:	4/15/2011
TestNo:	SW8270D	Units:	µg/L
BatchID:	45878		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
Benzoic acid	0.400	3	0.16	250	20	400	
Benzyl alcohol	0.320	3	0.16	200	20	400	
Biphenyl	0.200	0.2	0.16	125	20	400	
Bis(2-chloroethoxy)methane	0.200	0.2	0.16	125	20	400	
Bis(2-chloroethyl)ether	0.160	0.2	0.16	100	20	400	
Bis(2-chloroisopropyl)ether	0.0800	0.2	0.16	50.0	20	400	
Bis(2-ethylhexyl)phthalate	0.320	3	0.16	200	20	400	
Butyl benzyl phthalate	0.200	3	0.16	125	20	400	
Caprolactam	0.0800	3	0.16	50.0	20	400	
Carbazole	0.160	0.2	0.16	100	20	400	
Chrysene	0.200	0.2	0.16	125	20	400	
Di-n-butyl phthalate	0.360	3	0.16	225	20	400	
Di-n-octyl phthalate	0.120	3	0.16	75.0	20	400	
Dibenz[a,h]anthracene	0.160	0.2	0.16	100	20	400	
Dibenzofuran	0.160	0.2	0.16	100	20	400	
Diethyl phthalate	0.240	3	0.16	150	20	400	
Dimethyl phthalate	0.200	3	0.16	125	20	400	
Fluoranthene	0.200	0.2	0.16	125	20	400	
Fluorene	0.160	0.2	0.16	100	20	400	
Hexachlorobenzene	0.160	0.2	0.16	100	20	400	
Hexachlorobutadiene	0.120	0.2	0.16	75.0	20	400	
Hexachloroethane	0.120	0.2	0.16	75.0	20	400	
Indeno[1,2,3-cd]pyrene	0.160	0.2	0.16	100	20	400	
Isophorone	0.200	0.2	0.16	125	20	400	
N-Nitroso-di-n-butylamine	0.200	0.8	0.16	125	20	400	
N-Nitrosodi-n-propylamine	0.200	0.2	0.16	125	20	400	
N-Nitrosodiethylamine	0.120	3	0.16	75.0	20	400	
N-Nitrosodimethylamine	0.0800	3	0.16	50.0	20	400	
N-Nitrosodiphenylamine	0.200	0.2	0.16	125	20	400	
Naphthalene	0.160	0.2	0.16	100	20	400	
Nitrobenzene	0.240	0.2	0.16	150	20	400	
Pentachlorobenzene	0.120	0.2	0.16	75.0	20	400	
Pentachlorophenol	0.160	0.2	0.16	100	20	400	
Phenanthrene	0.200	0.2	0.16	125	20	400	
Phenol	0.120	0.8	0.16	75.0	20	400	
Pyrene	0.200	0.2	0.16	125	20	400	
Pyridine	0.0400	0.8	0.16	25.0	20	400	

DCS REPORTING

RunID:	GCMS9_110415A	Prep Date:	4/14/2011
SampID:	DCS2-45878	Analysis Date:	4/15/2011
TestNo:	SW8270D	Units:	µg/L
BatchID:	45878		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
2,4-Dinitrophenol	0.240	3	0.4	60.0	20	400	
Benzidine	0.0800	3	0.4	20.0	20	400	
Hexachlorocyclopentadiene	0.240	3	0.4	60.0	20	400	
Pyridine	0.320	0.8	0.4	80.0	20	400	

CLIENT:	Weston Solutions, Inc.	
Project:	Encycle	**CASE NARRATIVE**
Lab Order:	1106136	

The samples were analyzed using the methods outlined in the following references:

Method SW8270D - Semivolatile Organics (Benzaldehyde is not NELAC certified)
Method SW8082 - PCB Analysis (Arochlor 1268 is not NELAC certified)
Method D2216 - Percent Moisture

Exception Report R1-01

The samples were received and log-in performed on 6/18/2011. A total of 8 samples were received. The samples arrived in good condition and were properly packaged.

Exception Report R4-02

For PCB Analysis, for soil and water batches, the recoveries of surrogates Tetrachloro-m-xylene and/or Decachlorobiphenyl for some of the samples, the Matrix Spike and the Matrix Spike Duplicate (1106136-03, -09, -11 MS/MSD) were outside of the method control limits. These are flagged accordingly in the Analytical Data report and the QC Summary report. No further corrective action was taken.

For Semivolatiles Analysis, for soil batch, the recoveries of surrogates 2-Fluorobiphenyl, 2,4,6-Tribromophenol and/or 4-Terphenyl-d14 for some of the samples and the Matrix Spike (1106136-03 MS) were outside of the method control limits. These are flagged accordingly in the Analytical Data report and the QC Summary report. Remaining surrogates within method control limits for these samples. No further corrective action was taken.

Exception Report R5-04

For Semivolatiles Analysis, water batch 46871, Benzoic Acid was detected above the reporting limit in Method Blank 46871 due to laboratory artifact. This compound may be biased high in associated sample ER-061711. No further corrective action was taken.

For Semivolatiles Analysis, soil batch 47008, 3,3-dichlorobenzidine was detected below the reporting limit for the Method Blank and System Blank-47008. All associated samples are nondetect for this compound. No further corrective action was taken.

Exception Report R7-03 and R7-04

For PCB Analysis, soil batch 47028, the recoveries of Arochlors 1016 and 1260 for the Matrix Spike and Matrix Spike Duplicate (110616-06 MS/MSD) were below the method control limits. These were flagged accordingly in the QC Summary Report. These arochlors were within method control limits in the associated LCS. The reference sample selected for the QC sample was from this workorder. No further corrective action was taken.

For Semivolatiles Analysis, for water batch 46871, the recovery of Benzoic Acid for the Matrix Spike and Matrix Spike Duplicate (1106121-05 MS/MSD) was above the method control limits. These are flagged accordingly in the QC Summary Report. This compound was within method control limits in the associated LCS. The sample selected for the matrix spike and matrix spike duplicate was not from this work order. No further corrective actions were taken.

CLIENT:	Weston Solutions, Inc.	
Project:	Encycle	**CASE NARRATIVE**
Lab Order:	1106136	

For Semivolatiles Analysis, for batch 47008, the recoveries and/or RPDs of several compounds for the Matrix Spike and Matrix Spike Duplicate (1106136-03, -09, -11 MS/MSD) were outside of the method control limits due to matrix interference. These are flagged accordingly in the QC Summary Report. These compounds were within method control limits in the associated LCS. The reference samples selected for the matrix spike and matrix spike duplicates were from this work order. No further corrective actions were taken.

Exception Report R10-01

For Semivolatiles Analysis, Samples SO-13, GM-02, STACK-02, SO-15 and GM-03 were diluted due to sample matrix.

DHL Analytical

Date: 07/06/11

CLIENT: Weston Solutions, Inc.
Project: Encycle
Lab Order: 1106136

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recv'd
1106136-01	SO-13		06/17/11 08:40 AM	06/18/11
1106136-02	SO-13D		06/17/11 08:50 AM	06/18/11
1106136-03	GM-02		06/17/11 09:40 AM	06/18/11
1106136-04	STACK-02		06/17/11 10:00 AM	06/18/11
1106136-05	SO-15		06/17/11 10:20 AM	06/18/11
1106136-06	SO-15D		06/17/11 10:25 AM	06/18/11
1106136-07	GM-03		06/17/11 10:38 AM	06/18/11
1106136-08	SO-16		06/17/11 11:05 AM	06/18/11
1106136-09	SO-16D		06/17/11 11:10 AM	06/18/11
1106136-10	SO-98D		06/17/11 11:45 AM	06/18/11
1106136-11	SE-04		06/17/11 12:00 PM	06/18/11
1106136-12	SE-98		06/17/11 12:30 PM	06/18/11
1106136-13	SO-14		06/17/11 12:30 PM	06/18/11
1106136-14	SO-14D		06/17/11 12:35 PM	06/18/11
1106136-15	ER-061711		06/17/11 01:04 PM	06/18/11

CLIENT: Weston Solutions, Inc.
Project: Encycle
Lab Order: 1106136

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
1106136-01A	SO-13	06/17/11 08:40 AM	Soil	SW3550C	Soil Prep Sonication: PCB	06/28/11 09:53 AM	46988
	SO-13	06/17/11 08:40 AM	Soil	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
	SO-13	06/17/11 08:40 AM	Soil	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
	SO-13	06/17/11 08:40 AM	Soil	D2216	Moisture Preparation	06/23/11 11:02 AM	46912
1106136-02A	SO-13D	06/17/11 08:50 AM	Soil	SW3550C	Soil Prep Sonication: PCB	06/28/11 09:53 AM	46988
	SO-13D	06/17/11 08:50 AM	Soil	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
	SO-13D	06/17/11 08:50 AM	Soil	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
	SO-13D	06/17/11 08:50 AM	Soil	D2216	Moisture Preparation	06/23/11 11:02 AM	46912
1106136-03A	GM-02	06/17/11 09:40 AM	Solid	SW3550C	Soil Prep Sonication: PCB	06/22/11 10:12 AM	46881
	GM-02	06/17/11 09:40 AM	Solid	SW3550C	Soil Prep Sonication: PCB	06/22/11 10:12 AM	46881
	GM-02	06/17/11 09:40 AM	Solid	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
	GM-02	06/17/11 09:40 AM	Solid	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
1106136-04A	STACK-02	06/17/11 10:00 AM	Solid	SW3550C	Soil Prep Sonication: PCB	06/28/11 09:53 AM	46988
	STACK-02	06/17/11 10:00 AM	Solid	SW3550C	Soil Prep Sonication: PCB	06/28/11 09:53 AM	46988
	STACK-02	06/17/11 10:00 AM	Solid	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
1106136-05A	SO-15	06/17/11 10:20 AM	Soil	SW3550C	Soil Prep Sonication: PCB	06/30/11 03:19 PM	47028
	SO-15	06/17/11 10:20 AM	Soil	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
	SO-15	06/17/11 10:20 AM	Soil	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
	SO-15	06/17/11 10:20 AM	Soil	D2216	Moisture Preparation	06/23/11 11:02 AM	46912
1106136-06A	SO-15D	06/17/11 10:25 AM	Soil	SW3550C	Soil Prep Sonication: PCB	06/28/11 09:53 AM	46988
	SO-15D	06/17/11 10:25 AM	Soil	SW3550C	Soil Prep Sonication: PCB	06/28/11 09:53 AM	46988
	SO-15D	06/17/11 10:25 AM	Soil	SW3550C	Soil Prep Sonication: PCB	06/30/11 03:19 PM	47028
	SO-15D	06/17/11 10:25 AM	Soil	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
	SO-15D	06/17/11 10:25 AM	Soil	D2216	Moisture Preparation	06/23/11 11:02 AM	46912
1106136-07A	GM-03	06/17/11 10:38 AM	Solid	SW3550C	Soil Prep Sonication: PCB	06/28/11 09:53 AM	46988
	GM-03	06/17/11 10:38 AM	Solid	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
1106136-08A	SO-16	06/17/11 11:05 AM	Soil	SW3550C	Soil Prep Sonication: PCB	06/28/11 09:53 AM	46988
	SO-16	06/17/11 11:05 AM	Soil	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
	SO-16	06/17/11 11:05 AM	Soil	D2216	Moisture Preparation	06/23/11 11:02 AM	46912

CLIENT: Weston Solutions, Inc.
Project: Encycle
Lab Order: 1106136

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
1106136-09A	SO-16D	06/17/11 11:10 AM	Soil	SW3550C	Soil Prep Sonication: PCB	06/28/11 09:53 AM	46988
	SO-16D	06/17/11 11:10 AM	Soil	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
	SO-16D	06/17/11 11:10 AM	Soil	D2216	Moisture Preparation	06/23/11 11:02 AM	46912
1106136-10A	SO-98D	06/17/11 11:45 AM	Soil	SW3550C	Soil Prep Sonication: PCB	06/28/11 09:53 AM	46988
	SO-98D	06/17/11 11:45 AM	Soil	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
	SO-98D	06/17/11 11:45 AM	Soil	D2216	Moisture Preparation	06/23/11 11:02 AM	46912
1106136-11A	SE-04	06/17/11 12:00 PM	Sediment	SW3550C	Soil Prep Sonication. PCB	06/28/11 09:53 AM	46988
	SE-04	06/17/11 12:00 PM	Sediment	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
	SE-04	06/17/11 12:00 PM	Sediment	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
	SE-04	06/17/11 12:00 PM	Sediment	D2216	Moisture Preparation	06/23/11 11:02 AM	46912
1106136-12A	SE-98	06/17/11 12:30 PM	Sediment	SW3550C	Soil Prep Sonication: PCB	06/28/11 09:53 AM	46988
	SE-98	06/17/11 12:30 PM	Sediment	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
	SE-98	06/17/11 12:30 PM	Sediment	D2216	Moisture Preparation	06/23/11 11:02 AM	46912
1106136-13A	SO-14	06/17/11 12:30 PM	Soil	SW3550C	Soil Prep Sonication PCB	06/28/11 09:53 AM	46988
	SO-14	06/17/11 12:30 PM	Soil	SW3550C	Soil Prep Sonication BNA	06/29/11 10:07 AM	47008
	SO-14	06/17/11 12:30 PM	Soil	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
	SO-14	06/17/11 12:30 PM	Soil	D2216	Moisture Preparation	06/23/11 11:02 AM	46912
1106136-14A	SO-14D	06/17/11 12:35 PM	Soil	SW3550C	Soil Prep Sonication: PCB	06/28/11 09:53 AM	46988
	SO-14D	06/17/11 12:35 PM	Soil	SW3550C	Soil Prep Sonication: BNA	06/29/11 10:07 AM	47008
	SO-14D	06/17/11 12:35 PM	Soil	D2216	Moisture Preparation	06/23/11 11:02 AM	46912
1106136-15A	ER-061711	06/17/11 01:04 PM	Equip Blank	SW3510C	Aq Prep Sep Funnel: BNA	06/21/11 02:22 PM	46871
1106136-15B	ER-061711	06/17/11 01:04 PM	Equip Blank	SW3510C	Aq Prep Sep Funnel: PCB	06/21/11 08:47 AM	46847

CLIENT: Weston Solutions, Inc.
Project: Encycle
Lab Order: 1106136

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
1106136-01A	SO-13	Soil	SW8082A	PCB by GC - Soil/Solid	46988	5	06/29/11 06:27 PM	GC16_110629A
	SO-13	Soil	D2216	Percent Moisture	46912	1	06/24/11 08:40 AM	PMOIST_110623B
	SO-13	Soil	SW8270D	Semivolatiles by GC/MS - Soil	47008	10	06/30/11 03:13 AM	GCMS9_110629A
	SO-13	Soil	SW8270D	Semivolatiles by GC/MS - Soil	47008	5	07/01/11 08:02 AM	GCMS9_110630A
1106136-02A	SO-13D	Soil	SW8082A	PCB by GC - Soil/Solid	46988	1	07/01/11 02:20 AM	GC16_110630A
	SO-13D	Soil	D2216	Percent Moisture	46912	1	06/24/11 08:40 AM	PMOIST_110623B
	SO-13D	Soil	SW8270D	Semivolatiles by GC/MS - Soil	47008	2	06/30/11 01:42 AM	GCMS9_110629A
	SO-13D	Soil	SW8270D	Semivolatiles by GC/MS - Soil	47008	1	07/01/11 06:54 AM	GCMS9_110630A
1106136-03A	GM-02	Solid	SW8082A	PCB by GC - Soil/Solid	46881	10	06/24/11 12:53 PM	GC16_110624B
	GM-02	Solid	SW8082A	PCB by GC - Soil/Solid	46881	1	06/24/11 01:24 PM	GC16_110624B
	GM-02	Solid	SW8270D	Semivolatiles by GC/MS - Soil	47008	10	06/30/11 03:36 AM	GCMS9_110629A
	GM-02	Solid	SW8270D	Semivolatiles by GC/MS - Soil	47008	5	07/01/11 08:25 AM	GCMS9_110630A
1106136-04A	STACK-02	Solid	SW8082A	PCB by GC - Soil/Solid	46988	1	06/29/11 12:45 PM	GC16_110629A
	STACK-02	Solid	SW8082A	PCB by GC - Soil/Solid	46988	5	06/29/11 09:06 PM	GC16_110629A
	STACK-02	Solid	SW8270D	Semivolatiles by GC/MS - Soil	47008	20	06/30/11 02:50 AM	GCMS9_110629A
1106136-05A	SO-15	Soil	SW8082A	PCB by GC - Soil/Solid	47028	1	07/01/11 12:35 AM	GC16_110630A
	SO-15	Soil	D2216	Percent Moisture	46912	1	06/24/11 08:40 AM	PMOIST_110623B
	SO-15	Soil	SW8270D	Semivolatiles by GC/MS - Soil	47008	1	06/30/11 12:33 AM	GCMS9_110629A
	SO-15	Soil	SW8270D	Semivolatiles by GC/MS - Soil	47008	5	07/01/11 07:40 AM	GCMS9_110630A
1106136-06A	SO-15D	Soil	SW8082A	PCB by GC - Soil/Solid	46988	1	06/29/11 01:11 PM	GC16_110629A
	SO-15D	Soil	SW8082A	PCB by GC - Soil/Solid	46988	5	06/29/11 07:47 PM	GC16_110629A
	SO-15D	Soil	SW8082A	PCB by GC - Soil/Solid	47028	1	07/01/11 01:01 AM	GC16_110630A
	SO-15D	Soil	D2216	Percent Moisture	46912	1	06/24/11 08:40 AM	PMOIST_110623B
	SO-15D	Soil	SW8270D	Semivolatiles by GC/MS - Soil	47008	1	06/29/11 09:08 PM	GCMS9_110629A
1106136-07A	GM-03	Solid	SW8082A	PCB by GC - Soil/Solid	46988	5	06/29/11 06:01 PM	GC16_110629A
	GM-03	Solid	SW8270D	Semivolatiles by GC/MS - Soil	47008	50	06/30/11 04:46 AM	GCMS9_110629A
1106136-08A	SO-16	Soil	SW8082A	PCB by GC - Soil/Solid	46988	1	07/01/11 01:54 AM	GC16_110630A
	SO-16	Soil	D2216	Percent Moisture	46912	1	06/24/11 08:40 AM	PMOIST_110623B
	SO-16	Soil	SW8270D	Semivolatiles by GC/MS - Soil	47008	1	06/29/11 10:38 PM	GCMS9_110629A

CLIENT: Weston Solutions, Inc.
Project: Encycle
Lab Order: 1106136

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
1106136-09A	SO-16D	Soil	SW8082A	PCB by GC - Soil/Solid	46988	1	06/29/11 01:37 PM	GC16_110629A
	SO-16D	Soil	D2216	Percent Moisture	46912	1	06/24/11 08:40 AM	PMOIST_110623B
	SO-16D	Soil	SW8270D	Semivolatiles by GC/MS - Soil	47008	1	06/29/11 09:53 PM	GCMS9_110629A
1106136-10A	SO-98D	Soil	SW8082A	PCB by GC - Soil/Solid	46988	1	07/01/11 03:13 AM	GC16_110630A
	SO-98D	Soil	D2216	Percent Moisture	46912	1	06/24/11 08:40 AM	PMOIST_110623B
	SO-98D	Soil	SW8270D	Semivolatiles by GC/MS - Soil	47008	1	06/29/11 10:16 PM	GCMS9_110629A
1106136-11A	SE-04	Sediment	SW8082A	PCB by GC - Soil/Solid	46988	1	06/29/11 02:56 PM	GC16_110629A
	SE-04	Sediment	D2216	Percent Moisture	46912	1	06/24/11 08:40 AM	PMOIST_110623B
	SE-04	Sediment	SW8270D	Semivolatiles by GC/MS - Soil	47008	5	06/29/11 11:01 PM	GCMS9_110629A
	SE-04	Sediment	SW8270D	Semivolatiles by GC/MS - Soil	47008	1	06/29/11 11:24 PM	GCMS9_110629A
1106136-12A	SE-98	Sediment	SW8082A	PCB by GC - Soil/Solid	46988	1	07/01/11 03:39 AM	GC16_110630A
	SE-98	Sediment	D2216	Percent Moisture	46912	1	06/24/11 08:40 AM	PMOIST_110623B
	SE-98	Sediment	SW8270D	Semivolatiles by GC/MS - Soil	47008	1	06/29/11 11:47 PM	GCMS9_110629A
1106136-13A	SO-14	Soil	SW8082A	PCB by GC - Soil/Solid	46988	1	07/01/11 04:31 AM	GC16_110630A
	SO-14	Soil	D2216	Percent Moisture	46912	1	06/24/11 08:40 AM	PMOIST_110623B
	SO-14	Soil	SW8270D	Semivolatiles by GC/MS - Soil	47008	2	06/30/11 01:18 AM	GCMS9_110629A
	SO-14	Soil	SW8270D	Semivolatiles by GC/MS - Soil	47008	1	07/01/11 07:17 AM	GCMS9_110630A
1106136-14A	SO-14D	Soil	SW8082A	PCB by GC - Soil/Solid	46988	1	07/01/11 04:58 AM	GC16_110630A
	SO-14D	Soil	D2216	Percent Moisture	46912	1	06/24/11 08:40 AM	PMOIST_110623B
	SO-14D	Soil	SW8270D	Semivolatiles by GC/MS - Soil	47008	1	06/29/11 09:30 PM	GCMS9_110629A
1106136-15A	ER-061711	Equip Blank	SW8270D	Semivolatiles by GC/MS - Water	46871	1	06/22/11 09:37 PM	GCMS9_110622A
1106136-15B	ER-061711	Equip Blank	SW8082A	PCB by GC - Aqueous	46847	1	06/24/11 03:20 AM	GC16_110623A

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: SO-13
Lab ID: 1106136-01
Collection Date: 06/17/11 08:40 AM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Soil/Solid		**SW8082A**					**Analyst: DO**
Aroclor 1016	<0.455	0.228	0.455	UJL-SUR	mg/Kg-dry	5	06/29/11 06:27 PM ECS
Aroclor 1221	<0.455	0.228	0.455		mg/Kg-dry	5	06/29/11 06:27 PM
Aroclor 1232	<0.455	0.228	0.455		mg/Kg-dry	5	06/29/11 06:27 PM
Aroclor 1242	<0.455	0.228	0.455		mg/Kg-dry	5	06/29/11 06:27 PM
Aroclor 1248	<0.455	0.228	0.455		mg/Kg-dry	5	06/29/11 06:27 PM
Aroclor 1254	<0.455	0.228	0.455		mg/Kg-dry	5	06/29/11 06:27 PM
Aroclor 1260	<0.455	0.228	0.455		mg/Kg-dry	5	06/29/11 06:27 PM
Aroclor 1268	0.483	0.228	0.455	JL-*SUR	mg/Kg-dry	5	06/29/11 06:27 PM
Surr: Decachlorobiphenyl	53.3	0	58 - 125	S	%REC	5	06/29/11 06:27 PM
Surr: Tetrachloro-m-xylene	66.2	0	40 - 130		%REC	5	06/29/11 06:27 PM
Semivolatiles by GC/MS - Soil		**SW8270D**					**Analyst: DO**
2,4,5-Trichlorophenol	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
2,4,6-Trichlorophenol	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
2,4-Dichlorophenol	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
2,4-Dimethylphenol	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
2,4-Dinitrophenol	<0.705	0.267	0.705		mg/Kg-dry	5	07/01/11 08:02 AM
2,4-Dinitrotoluene	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
2,6-Dinitrotoluene	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
2-Chloronaphthalene	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
2-Chlorophenol	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
2-Methylnaphthalene	0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
2-Methylphenol	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
2-Nitroaniline	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
2-Nitrophenol	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
3,3'-Dichlorobenzidine	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
3-Nitroaniline	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
4,6-Dinitro-2-methylphenol	<0.352	0.160	0.352		mg/Kg-dry	5	07/01/11 08:02 AM
4-Bromophenyl phenyl ether	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
4-Chloro-3-methylphenol	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
4-Chloroaniline	<0.352	0.160	0.352		mg/Kg-dry	5	07/01/11 08:02 AM
4-Chlorophenyl phenyl ether	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
4-Methylphenol	<0.142	0.107	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
4-Nitroaniline	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
4-Nitrophenol	<0.705	0.267	0.705		mg/Kg-dry	5	07/01/11 08:02 AM
Acenaphthene	0.178	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Acenaphthylene	0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Acetophenone	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Anthracene	0.356	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Atrazine	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Benzaldehyde	<0.142	0.0534	0.142	N	mg/Kg-dry	5	07/01/11 08:02 AM
Benzo[a]anthracene	2.53	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Benzo[a]pyrene	3.03	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Benzo[b]fluoranthene	5.77	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Benzo[g,h,i]perylene	2.03	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM

NKT

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

7-6-11

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: SO-13
Lab ID: 1106136-01
Collection Date: 06/17/11 08:40 AM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzo[k]fluoranthene	1.39	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Benzoic acid	<0.705	0.267	0.705		mg/Kg-dry	5	07/01/11 08:02 AM
Benzyl alcohol	<0.352	0.0534	0.352		mg/Kg-dry	5	07/01/11 08:02 AM
Biphenyl	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Bis(2-chloroethoxy)methane	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Bis(2-chloroethyl)ether	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Bis(2-chloroisopropyl)ether	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Bis(2-ethylhexyl)phthalate	7.12	0.160	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Butyl benzyl phthalate	<0.352	0.214	0.352		mg/Kg-dry	5	07/01/11 08:02 AM
Caprolactam	<0.142	0.107	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Carbazole	0.534	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Chrysene	3.06	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Di-n-butyl phthalate	0.249	0.214	0.352	J	mg/Kg-dry	5	07/01/11 08:02 AM
Di-n-octyl phthalate	<0.352	0.214	0.352		mg/Kg-dry	5	07/01/11 08:02 AM
Dibenz[a,h]anthracene	0.569	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Dibenzofuran	0.107	0.0534	0.142	J	mg/Kg-dry	5	07/01/11 08:02 AM
Diethyl phthalate	<0.352	0.214	0.352		mg/Kg-dry	5	07/01/11 08:02 AM
Dimethyl phthalate	<0.352	0.214	0.352		mg/Kg-dry	5	07/01/11 08:02 AM
Fluoranthene	6.44	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Fluorene	0.107	0.0534	0.142	J	mg/Kg-dry	5	07/01/11 08:02 AM
Hexachlorobenzene	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Hexachlorobutadiene	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Hexachlorocyclopentadiene	<0.352	0.160	0.352		mg/Kg-dry	5	07/01/11 08:02 AM
Hexachloroethane	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Indeno[1,2,3-cd]pyrene	1.92	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Isophorone	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
N-Nitrosodi-n-propylamine	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
N-Nitrosodiphenylamine	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Naphthalene	0.178	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Nitrobenzene	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Pentachlorophenol	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Phenanthrene	3.24	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Phenol	<0.142	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Pyrene	4.56	0.0534	0.142		mg/Kg-dry	5	07/01/11 08:02 AM
Surr: 2,4,6-Tribromophenol	87.1	0	45 - 126		%REC	5	07/01/11 08:02 AM
Surr: 2-Fluorobiphenyl	73.4	0	60 - 125		%REC	5	07/01/11 08:02 AM
Surr: 2-Fluorophenol	80.8	0	37 - 125		%REC	5	07/01/11 08:02 AM
Surr: 4-Terphenyl-d14	93.3	0	45 - 125		%REC	5	07/01/11 08:02 AM
Surr: Nitrobenzene-d5	69.7	0	45 - 125		%REC	5	07/01/11 08:02 AM
Surr: Phenol-d6	75.9	0	40 - 125		%REC	5	07/01/11 08:02 AM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	6.35	0	0		WT%	1	06/24/11 08:40 AM

NKT
7-6-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/06/11

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: SO-13D
Lab ID: 1106136-02
Collection Date: 06/17/11 08:50 AM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Soil/Solid		**SW8082A**					**Analyst: DO**
Aroclor 1016	<0.113	0.0566	0.113		mg/Kg-dry	1	07/01/11 02:20 AM
Aroclor 1221	<0.113	0.0566	0.113		mg/Kg-dry	1	07/01/11 02:20 AM
Aroclor 1232	<0.113	0.0566	0.113		mg/Kg-dry	1	07/01/11 02:20 AM
Aroclor 1242	<0.113	0.0566	0.113		mg/Kg-dry	1	07/01/11 02:20 AM
Aroclor 1248	<0.113	0.0566	0.113		mg/Kg-dry	1	07/01/11 02:20 AM
Aroclor 1254	<0.113	0.0566	0.113		mg/Kg-dry	1	07/01/11 02:20 AM
Aroclor 1260	<0.113	0.0566	0.113		mg/Kg-dry	1	07/01/11 02:20 AM
Aroclor 1268	0.276	0.0566	0.113	N	mg/Kg-dry	1	07/01/11 02:20 AM
Surr: Decachlorobiphenyl	69.1	0	58 - 125		%REC	1	07/01/11 02:20 AM
Surr: Tetrachloro-m-xylene	71.9	0	40 - 130		%REC	1	07/01/11 02:20 AM
Semivolatiles by GC/MS - Soil		**SW8270D**					**Analyst: DO**
2,4,5-Trichlorophenol	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
2,4,6-Trichlorophenol	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
2,4-Dichlorophenol	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
2,4-Dimethylphenol	0.0158	0.0118	0.0314	J	mg/Kg-dry	1	07/01/11 06:54 AM
2,4-Dinitrophenol	<0.156	0.0591	0.156		mg/Kg-dry	1	07/01/11 06:54 AM
2,4-Dinitrotoluene	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
2,6-Dinitrotoluene	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
2-Chloronaphthalene	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
2-Chlorophenol	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
2-Methylnaphthalene	0.0236	0.0118	0.0314	J	mg/Kg-dry	1	07/01/11 06:54 AM
2-Methylphenol	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
2-Nitroaniline	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
2-Nitrophenol	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
3,3'-Dichlorobenzidine	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
3-Nitroaniline	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
4,6-Dinitro-2-methylphenol	<0.0780	0.0355	0.0780		mg/Kg-dry	1	07/01/11 06:54 AM
4-Bromophenyl phenyl ether	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
4-Chloro-3-methylphenol	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
4-Chloroaniline	<0.0780	0.0355	0.0780		mg/Kg-dry	1	07/01/11 06:54 AM
4-Chlorophenyl phenyl ether	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
4-Methylphenol	<0.0314	0.0236	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
4-Nitroaniline	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
4-Nitrophenol	<0.156	0.0591	0.156		mg/Kg-dry	1	07/01/11 06:54 AM
Acenaphthene	0.0394	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Acenaphthylene	0.0236	0.0118	0.0314	J	mg/Kg-dry	1	07/01/11 06:54 AM
Acetophenone	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Anthracene	0.0788	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Atrazine	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Benzaldehyde	<0.0314	0.0118	0.0314	N	mg/Kg-dry	1	07/01/11 06:54 AM
Benzo[a]anthracene	0.520	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Benzo[a]pyrene	0.631	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Benzo[b]fluoranthene	1.11	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Benzo[g,h,i]perylene	0.418	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM

MKT
7-6-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: SO-13D
Lab ID: 1106136-02
Collection Date: 06/17/11 08:50 AM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzo[k]fluoranthene	0.205	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Benzoic acid	<0.156	0.0591	0.156		mg/Kg-dry	1	07/01/11 06:54 AM
Benzyl alcohol	<0.0780	0.0118	0.0780		mg/Kg-dry	1	07/01/11 06:54 AM
Biphenyl	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Bis(2-chloroethoxy)methane	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Bis(2-chloroethyl)ether	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Bis(2-chloroisopropyl)ether	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Bis(2-ethylhexyl)phthalate	0.772	0.0355	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Butyl benzyl phthalate	<0.0780	0.0473	0.0780		mg/Kg-dry	1	07/01/11 06:54 AM
Caprolactam	<0.0314	0.0236	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Carbazole	0.0946	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Chrysene	0.544	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Di-n-butyl phthalate	<0.0780	0.0473	0.0780		mg/Kg-dry	1	07/01/11 06:54 AM
Di-n-octyl phthalate	<0.0780	0.0473	0.0780		mg/Kg-dry	1	07/01/11 06:54 AM
Dibenz[a,h]anthracene	0.118	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Dibenzofuran	0.0158	0.0118	0.0314	J	mg/Kg-dry	1	07/01/11 06:54 AM
Diethyl phthalate	<0.0780	0.0473	0.0780		mg/Kg-dry	1	07/01/11 06:54 AM
Dimethyl phthalate	<0.0780	0.0473	0.0780		mg/Kg-dry	1	07/01/11 06:54 AM
Fluoranthene	1.13	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Fluorene	0.0236	0.0118	0.0314	J	mg/Kg-dry	1	07/01/11 06:54 AM
Hexachlorobenzene	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Hexachlorobutadiene	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Hexachlorocyclopentadiene	<0.0780	0.0355	0.0780		mg/Kg-dry	1	07/01/11 06:54 AM
Hexachloroethane	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Indeno[1,2,3-cd]pyrene	0.386	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Isophorone	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
N-Nitrosodi-n-propylamine	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
N-Nitrosodiphenylamine	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Naphthalene	0.0236	0.0118	0.0314	J	mg/Kg-dry	1	07/01/11 06:54 AM
Nitrobenzene	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Pentachlorophenol	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Phenanthrene	0.520	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Phenol	<0.0314	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Pyrene	0.780	0.0118	0.0314		mg/Kg-dry	1	07/01/11 06:54 AM
Surr: 2,4,6-Tribromophenol	76.6	0	45 - 126		%REC	1	07/01/11 06:54 AM
Surr: 2-Fluorobiphenyl	66.9	0	60 - 125		%REC	1	07/01/11 06:54 AM
Surr: 2-Fluorophenol	74.4	0	37 - 125		%REC	1	07/01/11 06:54 AM
Surr: 4-Terphenyl-d14	86.8	0	45 - 125		%REC	1	07/01/11 06:54 AM
Surr: Nitrobenzene-d5	63.4	0	45 - 125		%REC	1	07/01/11 06:54 AM
Surr: Phenol-d6	67.9	0	40 - 125		%REC	1	07/01/11 06:54 AM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	16.0	0	0		WT%	1	06/24/11 08:40 AM

NKT
7-6-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/06/11

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: GM-02
Lab ID: 1106136-03
Collection Date: 06/17/11 09:40 AM
Matrix: Solid

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Soil/Solid		**SW8082A**					**Analyst: DO**
Aroclor 1016	<0.0991	0.0496	0.0991	UJL-SUR	mg/Kg MS	1	06/24/11 01:24 PM ECS
Aroclor 1221	<0.0991	0.0496	0.0991		mg/Kg	1	06/24/11 01:24 PM
Aroclor 1232	<0.0991	0.0496	0.0991		mg/Kg	1	06/24/11 01:24 PM
Aroclor 1242	<0.0991	0.0496	0.0991		mg/Kg	1	06/24/11 01:24 PM
Aroclor 1248	<0.0991	0.0496	0.0991		mg/Kg	1	06/24/11 01:24 PM
Aroclor 1254	<0.0991	0.0496	0.0991		mg/Kg	1	06/24/11 01:24 PM
Aroclor 1260	<0.0991	0.0496	0.0991		mg/Kg	1	06/24/11 01:24 PM
Aroclor 1268	0.380	0.0496	0.0991	JL N SUR	mg/Kg	1	06/24/11 01:24 PM
Surr: Decachlorobiphenyl	107	0	58 - 125		%REC	1	06/24/11 01:24 PM
Surr: Tetrachloro-m-xylene	42.4	0	40 - 130		%REC	1	06/24/11 01:24 PM
Semivolatiles by GC/MS - Soil		**SW8270D**					**Analyst: DO**
2,4,5-Trichlorophenol	<0.132	0.0497	0.132	UJL-SUR,	mg/Kg MS/SD	5	07/01/11 08:25 AM ECS
2,4,6-Trichlorophenol	<0.132	0.0497	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
2,4-Dichlorophenol	<0.132	0.0497	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
2,4-Dimethylphenol	<0.132	0.0497	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
2,4-Dinitrophenol	<0.656	0.249	0.656		mg/Kg	5	07/01/11 08:25 AM
2,4-Dinitrotoluene	<0.132	0.0497	0.132		mg/Kg	5	07/01/11 08:25 AM
2,6-Dinitrotoluene	<0.132	0.0497	0.132		mg/Kg	5	07/01/11 08:25 AM
2-Chloronaphthalene	<0.132	0.0497	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
2-Chlorophenol	<0.132	0.0497	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
2-Methylnaphthalene	0.0663	0.0497	0.132	JL-SUR	mg/Kg	5	07/01/11 08:25 AM
2-Methylphenol	<0.132	0.0497	0.132	UJL-SUR	mg/Kg MS/SD	5	07/01/11 08:25 AM
2-Nitroaniline	<0.132	0.0497	0.132		mg/Kg	5	07/01/11 08:25 AM
2-Nitrophenol	<0.132	0.0497	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
3,3'-Dichlorobenzidine	<0.132	0.0497	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
3-Nitroaniline	<0.132	0.0497	0.132		mg/Kg	5	07/01/11 08:25 AM
4,6-Dinitro-2-methylphenol	<0.328	0.149	0.328		mg/Kg	5	07/01/11 08:25 AM
4-Bromophenyl phenyl ether	<0.132	0.0497	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
4-Chloro-3-methylphenol	<0.132	0.0497	0.132		mg/Kg	5	07/01/11 08:25 AM
4-Chloroaniline	<0.328	0.149	0.328		mg/Kg MS/SD	5	07/01/11 08:25 AM
4-Chlorophenyl phenyl ether	<0.132	0.0497	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
4-Methylphenol	<0.132	0.0994	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
4-Nitroaniline	<0.132	0.0497	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
4-Nitrophenol	<0.656	0.249	0.656		mg/Kg	5	07/01/11 08:25 AM
Acenaphthene	<0.132	0.0497	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
Acenaphthylene	<0.132	0.0497	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
Acetophenone	0.166	0.0497	0.132	UJL-SUR RB	mg/Kg MS/SD	5	07/01/11 08:25 AM
Anthracene	<0.132	0.0497	0.132	UJL-SUR	mg/Kg MS/SD	5	07/01/11 08:25 AM
Atrazine	<0.132	0.0497	0.132	UJL-SUR	mg/Kg	5	07/01/11 08:25 AM
Benzaldehyde	<0.132	0.0497	0.132	UJL N SUR	mg/Kg MS/SD	5	07/01/11 08:25 AM
Benzo[a]anthracene	0.199	0.0497	0.132	JL-SUR	mg/Kg MS/SD	5	07/01/11 08:25 AM
Benzo[a]pyrene	<0.132	0.0497	0.132	UJL-SUR	mg/Kg	5	07/01/11 08:25 AM
Benzo[b]fluoranthene	0.166	0.0497	0.132	JL-SUR	mg/Kg	5	07/01/11 08:25 AM
Benzo[g,h,i]perylene	0.166	0.0497	0.132	JL-SUR	mg/Kg MS/SD	5	07/01/11 08:25 AM

NK 7-6-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/06/11

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: GM-02
Lab ID: 1106136-03
Collection Date: 06/17/11 09:40 AM
Matrix: Solid

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzo[k]fluoranthene	0.0663	0.0497	0.132	JL-SUR	mg/Kg MS/SD	5	07/01/11 08:25 AM EcS
Benzoic acid	1.69	0.249	0.656	JL-SUR	mg/Kg MS/SD	5	07/01/11 08:25 AM
Benzyl alcohol	<0.328	0.0497	0.328	UJL-SUR	mg/Kg MS/SD	5	07/01/11 08:25 AM
Biphenyl	<0.132	0.0497	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
Bis(2-chloroethoxy)methane	<0.132	0.0497	0.132		mg/Kg	5	07/01/11 08:25 AM
Bis(2-chloroethyl)ether	<0.132	0.0497	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
Bis(2-chloroisopropyl)ether	<0.132	0.0497	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
Bis(2-ethylhexyl)phthalate	4.21	0.149	0.132	JL-SUR	mg/Kg MS/SD	5	07/01/11 08:25 AM
Butyl benzyl phthalate	0.861	0.199	0.328	JL-SUR	mg/Kg MS/SD	5	07/01/11 08:25 AM
Caprolactam	<0.132	0.0994	0.132	UJL-SUR	mg/Kg	5	07/01/11 08:25 AM
Carbazole	<0.132	0.0497	0.132	UJL-SUR	mg/Kg MS/SD	5	07/01/11 08:25 AM
Chrysene	0.265	0.0497	0.132	JL-SUR	mg/Kg MS/SD	5	07/01/11 08:25 AM
Di-n-butyl phthalate	0.398	0.199	0.328	JL-SUR	mg/Kg MS/SD	5	07/01/11 08:25 AM
Di-n-octyl phthalate	<0.328	0.199	0.328	UJL-SUR	mg/Kg	5	07/01/11 08:25 AM
Dibenz[a,h]anthracene	<0.132	0.0497	0.132		mg/Kg	5	07/01/11 08:25 AM
Dibenzofuran	<0.132	0.0497	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
Diethyl phthalate	<0.328	0.199	0.328		mg/Kg MS/SD	5	07/01/11 08:25 AM
Dimethyl phthalate	<0.328	0.199	0.328		mg/Kg	5	07/01/11 08:25 AM
Fluoranthene	0.232	0.0497	0.132	JL-SUR	mg/Kg	5	07/01/11 08:25 AM
Fluorene	<0 132	0.0497	0.132	UJL-SUR	mg/Kg MS/SD	5	07/01/11 08:25 AM
Hexachlorobenzene	<0.132	0.0497	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
Hexachlorobutadiene	<0.132	0.0497	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
Hexachlorocyclopentadiene	<0.328	0.149	0.328		mg/Kg MS/SD	5	07/01/11 08:25 AM
Hexachloroethane	<0.132	0.0497	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
Indeno[1,2,3-cd]pyrene	<0.132	0.0497	0.132		mg/Kg	5	07/01/11 08:25 AM
Isophorone	<0.132	0.0497	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
N-Nitrosodi-n-propylamine	<0.132	0.0497	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
N-Nitrosodiphenylamine	<0.132	0.0497	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
Naphthalene	<0.132	0.0497	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
Nitrobenzene	<0 132	0.0497	0 132		mg/Kg MS/SD	5	07/01/11 08:25 AM
Pentachlorophenol	<0 132	0.0497	0.132		mg/Kg MS/SD	5	07/01/11 08:25 AM
Phenanthrene	0.133	0.0497	0.132	JL-SUR	mg/Kg MS/SD	5	07/01/11 08:25 AM
Phenol	0.497	0.0497	0.132	JL-SUR	mg/Kg MS/SD	5	07/01/11 08:25 AM
Pyrene	0.166	0.0497	0.132	JL-SUR	mg/Kg	5	07/01/11 08:25 AM
Surr: 2,4,6-Tribromophenol	58.5	0	45 - 126		%REC	5	07/01/11 08:25 AM
Surr: 2-Fluorobiphenyl	52.2	0	60 - 125	S	%REC	5	07/01/11 08:25 AM
Surr: 2-Fluorophenol	57.2	0	37 - 125		%REC	5	07/01/11 08:25 AM
Surr: 4-Terphenyl-d14	65.9	0	45 - 125		%REC	5	07/01/11 08:25 AM
Surr: Nitrobenzene-d5	52.2	0	45 - 125		%REC	5	07/01/11 08:25 AM
Surr: Phenol-d6	54.7	0	40 - 125		%REC	5	07/01/11 08:25 AM

MK 7.6.11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/06/11

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: STACK-02
Lab ID: 1106136-04
Collection Date: 06/17/11 10:00 AM
Matrix: Solid

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Soil/Solid		**SW8082A**					**Analyst: DO**
Aroclor 1016	<0.0976	0.0488	0.0976		mg/Kg	1	06/29/11 12:45 PM
Aroclor 1221	<0.0976	0.0488	0.0976		mg/Kg	1	06/29/11 12:45 PM
Aroclor 1232	<0.0976	0.0488	0.0976		mg/Kg	1	06/29/11 12:45 PM
Aroclor 1242	<0.0976	0.0488	0.0976		mg/Kg	1	06/29/11 12:45 PM
Aroclor 1248	<0.0976	0.0488	0.0976		mg/Kg	1	06/29/11 12:45 PM
Aroclor 1254	<0.0976	0.0488	0.0976		mg/Kg	1	06/29/11 12:45 PM
Aroclor 1260	<0.0976	0.0488	0.0976		mg/Kg	1	06/29/11 12:45 PM
Aroclor 1268	<0.0976	0.0488	0.0976	N	mg/Kg	1	06/29/11 12:45 PM
Surr: Decachlorobiphenyl	63.0	0	58 - 125		%REC	1	06/29/11 12:45 PM
Surr: Tetrachloro-m-xylene	87.4	0	40 - 130		%REC	1	06/29/11 12:45 PM
Semivolatiles by GC/MS - Soil		**SW8270D**					**Analyst: DO**
2,4,5-Trichlorophenol	2.13	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
2,4,6-Trichlorophenol	1.33	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
2,4-Dichlorophenol	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
2,4-Dimethylphenol	5.05	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
2,4-Dinitrophenol	<2.63	0.997	2.63		mg/Kg	20	06/30/11 02:50 AM
2,4-Dinitrotoluene	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
2,6-Dinitrotoluene	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
2-Chloronaphthalene	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
2-Chlorophenol	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
2-Methylnaphthalene	0.399	0.199	0.530	J	mg/Kg	20	06/30/11 02:50 AM
2-Methylphenol	0.399	0.199	0.530	J	mg/Kg	20	06/30/11 02:50 AM
2-Nitroaniline	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
2-Nitrophenol	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
3,3'-Dichlorobenzidine	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
3-Nitroaniline	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
4,6-Dinitro-2-methylphenol	<1.32	0.598	1.32		mg/Kg	20	06/30/11 02:50 AM
4-Bromophenyl phenyl ether	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
4-Chloro-3-methylphenol	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
4-Chloroaniline	<1.32	0.598	1.32		mg/Kg	20	06/30/11 02:50 AM
4-Chlorophenyl phenyl ether	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
4-Methylphenol	<0.530	0.399	0.530		mg/Kg	20	06/30/11 02:50 AM
4-Nitroaniline	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
4-Nitrophenol	<2.63	0.997	2.63		mg/Kg	20	06/30/11 02:50 AM
Acenaphthene	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
Acenaphthylene	0.266	0.199	0.530	J	mg/Kg	20	06/30/11 02:50 AM
Acetophenone	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
Anthracene	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
Atrazine	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
Benzaldehyde	<0.530	0.199	0.530	N	mg/Kg	20	06/30/11 02:50 AM
Benzo[a]anthracene	0.266	0.199	0.530	J	mg/Kg	20	06/30/11 02:50 AM
Benzo[a]pyrene	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
Benzo[b]fluoranthene	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
Benzo[g,h,i]perylene	0.532	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM

MK 7-6-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: STACK-02
Lab ID: 1106136-04
Collection Date: 06/17/11 10:00 AM
Matrix: Solid

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzo[k]fluoranthene	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
Benzoic acid	<2.63	0.997	2.63		mg/Kg	20	06/30/11 02:50 AM
Benzyl alcohol	<1.32	0.199	1.32		mg/Kg	20	06/30/11 02:50 AM
Biphenyl	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
Bis(2-chloroethoxy)methane	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
Bis(2-chloroethyl)ether	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
Bis(2-chloroisopropyl)ether	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
Bis(2-ethylhexyl)phthalate	10.4	0.598	0.530		mg/Kg	20	06/30/11 02:50 AM
Butyl benzyl phthalate	<1.32	0.797	1.32		mg/Kg	20	06/30/11 02:50 AM
Caprolactam	<0.530	0.399	0.530		mg/Kg	20	06/30/11 02:50 AM
Carbazole	0.266	0.199	0.530	J	mg/Kg	20	06/30/11 02:50 AM
Chrysene	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
Di-n-butyl phthalate	1.59	0.797	1.32		mg/Kg	20	06/30/11 02:50 AM
Di-n-octyl phthalate	5.45	0.797	1.32		mg/Kg	20	06/30/11 02:50 AM
Dibenz[a,h]anthracene	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
Dibenzofuran	0.266	0.199	0.530	J	mg/Kg	20	06/30/11 02:50 AM
Diethyl phthalate	<1.32	0.797	1.32		mg/Kg	20	06/30/11 02:50 AM
Dimethyl phthalate	<1.32	0.797	1.32		mg/Kg	20	06/30/11 02:50 AM
Fluoranthene	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
Fluorene	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
Hexachlorobenzene	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
Hexachlorobutadiene	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
Hexachlorocyclopentadiene	<1.32	0.598	1.32		mg/Kg	20	06/30/11 02:50 AM
Hexachloroethane	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
Indeno[1,2,3-cd]pyrene	0.399	0.199	0.530	J	mg/Kg	20	06/30/11 02:50 AM
Isophorone	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
N-Nitrosodi-n-propylamine	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
N-Nitrosodiphenylamine	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
Naphthalene	0.399	0.199	0.530	J	mg/Kg	20	06/30/11 02:50 AM
Nitrobenzene	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
Pentachlorophenol	22.9	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
Phenanthrene	0.664	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
Phenol	0.664	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
Pyrene	<0.530	0.199	0.530		mg/Kg	20	06/30/11 02:50 AM
Surr: 2,4,6-Tribromophenol	74.6	0	45 - 126		%REC	20	06/30/11 02:50 AM
Surr: 2-Fluorobiphenyl	59.7	0	60 - 125	S	%REC	20	06/30/11 02:50 AM
Surr: 2-Fluorophenol	84.6	0	37 - 125		%REC	20	06/30/11 02:50 AM
Surr: 4-Terphenyl-d14	74.6	0	45 - 125		%REC	20	06/30/11 02:50 AM
Surr: Nitrobenzene-d5	69.7	0	45 - 125		%REC	20	06/30/11 02:50 AM
Surr: Phenol-d6	74.6	0	40 - 125		%REC	20	06/30/11 02:50 AM

MKJ
7-6-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/06/11

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: SO-15
Lab ID: 1106136-05
Collection Date: 06/17/11 10:20 AM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Soil/Solid		**SW8082A**					**Analyst: DO**
Aroclor 1016	<0.112	0.0562	0.112	U JL-SUR	mg/Kg-dry	1	07/01/11 12:35 AM ECS
Aroclor 1221	<0.112	0.0562	0.112		mg/Kg-dry	1	07/01/11 12:35 AM
Aroclor 1232	<0.112	0.0562	0.112		mg/Kg-dry	1	07/01/11 12:35 AM
Aroclor 1242	<0.112	0.0562	0.112		mg/Kg-dry	1	07/01/11 12:35 AM
Aroclor 1248	<0.112	0.0562	0.112		mg/Kg-dry	1	07/01/11 12:35 AM
Aroclor 1254	<0.112	0.0562	0.112		mg/Kg-dry	1	07/01/11 12:35 AM
Aroclor 1260	0.0583	0.0562	0.112	JL-SUR	mg/Kg-dry	1	07/01/11 12:35 AM
Aroclor 1268	<0.112	0.0562	0.112	UJL-N SUR	mg/Kg-dry	1	07/01/11 12:35 AM
Surr: Decachlorobiphenyl	13.3	0	58 - 125	S	%REC	1	07/01/11 12:35 AM
Surr: Tetrachloro-m-xylene	21.3	0	40 - 130	S	%REC	1	07/01/11 12:35 AM
Semivolatiles by GC/MS - Soil		**SW8270D**					**Analyst: DO**
2,4,5-Trichlorophenol	<0.0288	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
2,4,6-Trichlorophenol	<0.0288	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
2,4-Dichlorophenol	<0.0288	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
2,4-Dimethylphenol	0.0289	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
2,4-Dinitrophenol	<0.143	0.0542	0.143		mg/Kg-dry	1	06/30/11 12:33 AM
2,4-Dinitrotoluene	<0.0288	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
2,6-Dinitrotoluene	<0.0288	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
2-Chloronaphthalene	<0.0288	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
2-Chlorophenol	<0.0288	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
2-Methylnaphthalene	0.217	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
2-Methylphenol	<0.0288	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
2-Nitroaniline	<0.0288	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
2-Nitrophenol	<0.0288	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
3,3'-Dichlorobenzidine	<0.144	0.0542	0.144		mg/Kg-dry	5	07/01/11 07:40 AM
3-Nitroaniline	<0.0288	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
4,6-Dinitro-2-methylphenol	<0.358	0.163	0.358		mg/Kg-dry	5	07/01/11 07:40 AM
4-Bromophenyl phenyl ether	<0.144	0.0542	0.144		mg/Kg-dry	5	07/01/11 07:40 AM
4-Chloro-3-methylphenol	<0.0288	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
4-Chloroaniline	<0.0715	0.0325	0.0715		mg/Kg-dry	1	06/30/11 12:33 AM
4-Chlorophenyl phenyl ether	<0.0288	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
4-Methylphenol	0.0433	0.0217	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
4-Nitroaniline	<0.0288	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
4-Nitrophenol	<0.143	0.0542	0.143		mg/Kg-dry	1	06/30/11 12:33 AM
Acenaphthene	0.325	0.0542	0.144		mg/Kg-dry	5	07/01/11 07:40 AM
Acenaphthylene	<0.0288	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
Acetophenone	0.0650	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
Anthracene	0.542	0.0542	0.144		mg/Kg-dry	5	07/01/11 07:40 AM
Atrazine	<0.144	0.0542	0.144		mg/Kg-dry	5	07/01/11 07:40 AM
Benzaldehyde	0.0867	0.0108	0.0288	N	mg/Kg-dry	1	06/30/11 12:33 AM
Benzo[a]anthracene	2.06	0.0542	0.144		mg/Kg-dry	5	07/01/11 07:40 AM
Benzo[a]pyrene	2.20	0.0542	0.144		mg/Kg-dry	5	07/01/11 07:40 AM
Benzo[b]fluoranthene	3.76	0.0542	0.144		mg/Kg-dry	5	07/01/11 07:40 AM
Benzo[g,h,i]perylene	1.59	0.0542	0.144		mg/Kg-dry	5	07/01/11 07:40 AM

7/6/11

7-6-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: SO-15
Lab ID: 1106136-05
Collection Date: 06/17/11 10:20 AM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzo[k]fluoranthene	0.939	0.0542	0.144		mg/Kg-dry	5	07/01/11 07:40 AM
Benzoic acid	<0.143	0.0542	0.143		mg/Kg-dry	1	06/30/11 12:33 AM
Benzyl alcohol	0.0144	0.0108	0.0715	J	mg/Kg-dry	1	06/30/11 12:33 AM
Biphenyl	0.0506	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
Bis(2-chloroethoxy)methane	<0.0288	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
Bis(2-chloroethyl)ether	<0.0288	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
Bis(2-chloroisopropyl)ether	<0.0288	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
Bis(2-ethylhexyl)phthalate	3.43	0.163	0.144		mg/Kg-dry	5	07/01/11 07:40 AM
Butyl benzyl phthalate	<0.358	0.217	0.358		mg/Kg-dry	5	07/01/11 07:40 AM
Caprolactam	<0.0288	0.0217	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
Carbazole	<0.144	0.0542	0.144		mg/Kg-dry	5	07/01/11 07:40 AM
Chrysene	2.28	0.0542	0.144		mg/Kg-dry	5	07/01/11 07:40 AM
Di-n-butyl phthalate	<0.358	0.217	0.358		mg/Kg-dry	5	07/01/11 07:40 AM
Di-n-octyl phthalate	<0.0715	0.0433	0.0715		mg/Kg-dry	1	06/30/11 12:33 AM
Dibenz[a,h]anthracene	0.433	0.0542	0.144		mg/Kg-dry	5	07/01/11 07:40 AM
Dibenzofuran	0.217	0.0542	0.144		mg/Kg-dry	5	07/01/11 07:40 AM
Diethyl phthalate	<0.0715	0.0433	0.0715		mg/Kg-dry	1	06/30/11 12:33 AM
Dimethyl phthalate	<0.0715	0.0433	0.0715		mg/Kg-dry	1	06/30/11 12:33 AM
Fluoranthene	3.58	0.0542	0.144		mg/Kg-dry	5	07/01/11 07:40 AM
Fluorene	0.361	0.0542	0.144		mg/Kg-dry	5	07/01/11 07:40 AM
Hexachlorobenzene	<0.144	0.0542	0.144		mg/Kg-dry	5	07/01/11 07:40 AM
Hexachlorobutadiene	<0.0288	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
Hexachlorocyclopentadiene	<0.0715	0.0325	0.0715		mg/Kg-dry	1	06/30/11 12:33 AM
Hexachloroethane	<0.0288	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
Indeno[1,2,3-cd]pyrene	1.52	0.0542	0.144		mg/Kg-dry	5	07/01/11 07:40 AM
Isophorone	<0.0288	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
N-Nitrosodi-n-propylamine	<0.0288	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
N-Nitrosodiphenylamine	<0.144	0.0542	0.144		mg/Kg-dry	5	07/01/11 07:40 AM
Naphthalene	0.137	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
Nitrobenzene	<0.0288	0.0108	0.0288		mg/Kg-dry	1	06/30/11 12:33 AM
Pentachlorophenol	<0.144	0.0542	0.144		mg/Kg-dry	5	07/01/11 07:40 AM
Phenanthrene	3.50	0.0542	0.144		mg/Kg-dry	5	07/01/11 07:40 AM
Phenol	0.0217	0.0108	0.0288	J	mg/Kg-dry	1	06/30/11 12:33 AM
Pyrene	2.60	0.0542	0.144		mg/Kg-dry	5	07/01/11 07:40 AM
Surr: 2,4,6-Tribromophenol	418	0	45 - 126	S	%REC	1	06/30/11 12:33 AM
Surr: 2,4,6-Tribromophenol	132	0	45 - 126	S	%REC	5	07/01/11 07:40 AM
Surr: 2-Fluorobiphenyl	68.4	0	60 - 125		%REC	5	07/01/11 07:40 AM
Surr: 2-Fluorobiphenyl	60.4	0	60 - 125		%REC	1	06/30/11 12:33 AM
Surr: 2-Fluorophenol	69.9	0	37 - 125		%REC	1	06/30/11 12:33 AM
Surr: 2-Fluorophenol	80.8	0	37 - 125		%REC	5	07/01/11 07:40 AM
Surr: 4-Terphenyl-d14	60.9	0	45 - 125		%REC	5	07/01/11 07:40 AM
Surr: 4-Terphenyl-d14	10.9	0	45 - 125	S	%REC	1	06/30/11 12:33 AM
Surr: Nitrobenzene-d5	68.4	0	45 - 125		%REC	5	07/01/11 07:40 AM
Surr: Nitrobenzene-d5	59.5	0	45 - 125		%REC	1	06/30/11 12:33 AM
Surr: Phenol-d6	65.2	0	40 - 125		%REC	1	06/30/11 12:33 AM

MKT 7-6-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/06/11

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: SO-15
Lab ID: 1106136-05
Collection Date: 06/17/11 10:20 AM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Surr: Phenol-d6	74.6	0	40 - 125		%REC	5	07/01/11 07:40 AM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	11.6	0	0		WT%	1	06/24/11 08:40 AM

NK 7
26.11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/06/11

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: SO-15D
Lab ID: 1106136-06
Collection Date: 06/17/11 10:25 AM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Soil/Solid		**SW8082A**					**Analyst: DO**
Aroclor 1016	<0.117	0.0586	0.117	VJL-SUR,	mg/Kg-dry MS	1	07/01/11 01:01 AM ECS
Aroclor 1221	<0.117	0.0586	0.117		mg/Kg-dry	1	07/01/11 01:01 AM
Aroclor 1232	<0.117	0.0586	0.117		mg/Kg-dry	1	07/01/11 01:01 AM
Aroclor 1242	<0.117	0.0586	0.117		mg/Kg-dry	1	07/01/11 01:01 AM
Aroclor 1248	<0.117	0.0586	0.117		mg/Kg-dry	1	07/01/11 01:01 AM
Aroclor 1254	<0.117	0.0586	0.117		mg/Kg-dry	1	07/01/11 01:01 AM
Aroclor 1260	<0.117	0.0586	0.117		mg/Kg-dry MS	1	07/01/11 01:01 AM
Aroclor 1268	<0.117	0.0586	0.117	N	mg/Kg-dry	1	07/01/11 01:01 AM
Surr: Decachlorobiphenyl	27.5	0	58 - 125	S	%REC	1	07/01/11 01:01 AM
Surr: Tetrachloro-m-xylene	23.1	0	40 - 130	S	%REC	1	07/01/11 01:01 AM
Semivolatiles by GC/MS - Soil		**SW8270D**					**Analyst: DO**
2,4,5-Trichlorophenol	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
2,4,6-Trichlorophenol	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
2,4-Dichlorophenol	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
2,4-Dimethylphenol	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
2,4-Dinitrophenol	<0.161	0.0612	0.161		mg/Kg-dry	1	06/29/11 09:08 PM
2,4-Dinitrotoluene	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
2,6-Dinitrotoluene	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
2-Chloronaphthalene	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
2-Chlorophenol	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
2-Methylnaphthalene	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
2-Methylphenol	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
2-Nitroaniline	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
2-Nitrophenol	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
3,3'-Dichlorobenzidine	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
3-Nitroaniline	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
4,6-Dinitro-2-methylphenol	<0.0807	0.0367	0.0807		mg/Kg-dry	1	06/29/11 09:08 PM
4-Bromophenyl phenyl ether	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
4-Chloro-3-methylphenol	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
4-Chloroaniline	<0.0807	0.0367	0.0807		mg/Kg-dry	1	06/29/11 09:08 PM
4-Chlorophenyl phenyl ether	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
4-Methylphenol	<0.0325	0.0245	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
4-Nitroaniline	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
4-Nitrophenol	<0.161	0.0612	0.161		mg/Kg-dry	1	06/29/11 09:08 PM
Acenaphthene	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Acenaphthylene	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Acetophenone	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Anthracene	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Atrazine	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Benzaldehyde	<0.0325	0.0122	0.0325	N	mg/Kg-dry	1	06/29/11 09:08 PM
Benzo[a]anthracene	0.0326	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Benzo[a]pyrene	0.0489	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Benzo[b]fluoranthene	0.0979	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Benzo[g,h,i]perylene	0.0816	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM

MKT 7-6-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: SO-15D
Lab ID: 1106136-06
Collection Date: 06/17/11 10:25 AM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzo[k]fluoranthene	0 0326	0.0122	0 0325		mg/Kg-dry	1	06/29/11 09:08 PM
Benzoic acid	<0.161	0.0612	0 161		mg/Kg-dry	1	06/29/11 09 08 PM
Benzyl alcohol	<0.0807	0.0122	0.0807		mg/Kg-dry	1	06/29/11 09:08 PM
Biphenyl	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09 08 PM
Bis(2-chloroethoxy)methane	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Bis(2-chloroethyl)ether	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Bis(2-chloroisopropyl)ether	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Bis(2-ethylhexyl)phthalate	0.188	0.0367	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Butyl benzyl phthalate	<0.0807	0.0489	0.0807		mg/Kg-dry	1	06/29/11 09:08 PM
Caprolactam	<0.0325	0.0245	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Carbazole	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Chrysene	0.0326	0.0122	0 0325		mg/Kg-dry	1	06/29/11 09:08 PM
Di-n-butyl phthalate	<0.0807	0.0489	0.0807		mg/Kg-dry	1	06/29/11 09:08 PM
Di-n-octyl phthalate	<0.0807	0.0489	0.0807		mg/Kg-dry	1	06/29/11 09 08 PM
Dibenz[a,h]anthracene	0.0326	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Dibenzofuran	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Diethyl phthalate	<0.0807	0.0489	0.0807		mg/Kg-dry	1	06/29/11 09 08 PM
Dimethyl phthalate	<0.0807	0.0489	0.0807		mg/Kg-dry	1	06/29/11 09 08 PM
Fluoranthene	0.0489	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Fluorene	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Hexachlorobenzene	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Hexachlorobutadiene	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Hexachlorocyclopentadiene	<0.0807	0.0367	0.0807		mg/Kg-dry	1	06/29/11 09:08 PM
Hexachloroethane	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Indeno[1,2,3-cd]pyrene	0.0652	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Isophorone	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
N-Nitrosodi-n-propylamine	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09 08 PM
N-Nitrosodiphenylamine	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Naphthalene	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Nitrobenzene	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Pentachlorophenol	<0 0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09 08 PM
Phenanthrene	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Phenol	<0.0325	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Pyrene	0.0489	0.0122	0.0325		mg/Kg-dry	1	06/29/11 09:08 PM
Surr: 2,4,6-Tribromophenol	106	0	45 - 126		%REC	1	06/29/11 09:08 PM
Surr: 2-Fluorobiphenyl	56.7	0	60 - 125	S	%REC	1	06/29/11 09:08 PM
Surr: 2-Fluorophenol	70.1	0	37 - 125		%REC	1	06/29/11 09:08 PM
Surr: 4-Terphenyl-d14	90.8	0	45 - 125		%REC	1	06/29/11 09:08 PM
Surr: Nitrobenzene-d5	64.4	0	45 - 125		%REC	1	06/29/11 09 08 PM
Surr: Phenol-d6	65.2	0	40 - 125		%REC	1	06/29/11 09:08 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	20.4	0	0		WT%	1	06/24/11 08 40 AM

7167
7-6-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/06/11

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: GM-03
Lab ID: 1106136-07
Collection Date: 06/17/11 10:38 AM
Matrix: Solid

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Soil/Solid		**SW8082A**					**Analyst: DO**
Aroclor 1016	<0.963	0.482	0.963	U SL-SUR	mg/Kg	5	06/29/11 06:01 PM ECS
Aroclor 1221	<0.963	0.482	0.963		mg/Kg	5	06/29/11 06:01 PM
Aroclor 1232	<0.963	0.482	0.963		mg/Kg	5	06/29/11 06:01 PM
Aroclor 1242	<0.963	0.482	0.963		mg/Kg	5	06/29/11 06:01 PM
Aroclor 1248	<0.963	0.482	0.963		mg/Kg	5	06/29/11 06:01 PM
Aroclor 1254	<0.963	0.482	0.963		mg/Kg	5	06/29/11 06:01 PM
Aroclor 1260	<0.963	0.482	0.963		mg/Kg	5	06/29/11 06:01 PM
Aroclor 1268	<0.963	0.482	0.963	N	mg/Kg	5	06/29/11 06:01 PM
Surr: Decachlorobiphenyl	26.2	0	58 - 125	S	%REC	5	06/29/11 06:01 PM
Surr: Tetrachloro-m-xylene	63.4	0	40 - 130		%REC	5	06/29/11 06:01 PM
Semivolatiles by GC/MS - Soil		**SW8270D**					**Analyst: DO**
2,4,5-Trichlorophenol	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
2,4,6-Trichlorophenol	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
2,4-Dichlorophenol	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
2,4-Dimethylphenol	1.82	1.36	3.63	J	mg/Kg	50	06/30/11 04:46 AM
2,4-Dinitrophenol	<18.0	6.82	18.0		mg/Kg	50	06/30/11 04:46 AM
2,4-Dinitrotoluene	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
2,6-Dinitrotoluene	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
2-Chloronaphthalene	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
2-Chlorophenol	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
2-Methylnaphthalene	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
2-Methylphenol	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
2-Nitroaniline	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
2-Nitrophenol	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
3,3'-Dichlorobenzidine	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
3-Nitroaniline	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
4,6-Dinitro-2-methylphenol	<9.00	4.09	9.00		mg/Kg	50	06/30/11 04:46 AM
4-Bromophenyl phenyl ether	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
4-Chloro-3-methylphenol	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
4-Chloroaniline	<9.00	4.09	9.00		mg/Kg	50	06/30/11 04:46 AM
4-Chlorophenyl phenyl ether	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
4-Methylphenol	4.55	2.73	3.63		mg/Kg	50	06/30/11 04:46 AM
4-Nitroaniline	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
4-Nitrophenol	<18.0	6.82	18.0		mg/Kg	50	06/30/11 04:46 AM
Acenaphthene	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Acenaphthylene	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Acetophenone	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Anthracene	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Atrazine	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Benzaldehyde	<3.63	1.36	3.63	N	mg/Kg	50	06/30/11 04:46 AM
Benzo[a]anthracene	10.0	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Benzo[a]pyrene	14.5	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Benzo[b]fluoranthene	51.8	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Benzo[g,h,i]perylene	12.7	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM

AK 7-6-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/06/11

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: GM-03
Lab ID: 1106136-07
Collection Date: 06/17/11 10:38 AM
Matrix: Solid

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzo[k]fluoranthene	8.18	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Benzoic acid	<18.0	6.82	18.0		mg/Kg	50	06/30/11 04:46 AM
Benzyl alcohol	<9.00	1.36	9.00		mg/Kg	50	06/30/11 04:46 AM
Biphenyl	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Bis(2-chloroethoxy)methane	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Bis(2-chloroethyl)ether	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Bis(2-chloroisopropyl)ether	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Bis(2-ethylhexyl)phthalate	5.45	4.09	3.63		mg/Kg	50	06/30/11 04:46 AM
Butyl benzyl phthalate	<9.00	5.45	9.00		mg/Kg	50	06/30/11 04:46 AM
Caprolactam	<3.63	2.73	3.63		mg/Kg	50	06/30/11 04:46 AM
Carbazole	2.73	1.36	3.63	J	mg/Kg	50	06/30/11 04:46 AM
Chrysene	25.5	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Di-n-butyl phthalate	<9.00	5.45	9.00		mg/Kg	50	06/30/11 04:46 AM
Di-n-octyl phthalate	<9.00	5.45	9.00		mg/Kg	50	06/30/11 04:46 AM
Dibenz[a,h]anthracene	5.45	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Dibenzofuran	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Diethyl phthalate	<9.00	5.45	9.00		mg/Kg	50	06/30/11 04:46 AM
Dimethyl phthalate	<9.00	5.45	9.00		mg/Kg	50	06/30/11 04:46 AM
Fluoranthene	25.5	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Fluorene	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Hexachlorobenzene	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Hexachlorobutadiene	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Hexachlorocyclopentadiene	<9.00	4.09	9.00		mg/Kg	50	06/30/11 04:46 AM
Hexachloroethane	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Indeno[1,2,3-cd]pyrene	13.6	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Isophorone	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
N-Nitrosodi-n-propylamine	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
N-Nitrosodiphenylamine	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Naphthalene	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Nitrobenzene	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Pentachlorophenol	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Phenanthrene	7.27	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Phenol	<3.63	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Pyrene	20.0	1.36	3.63		mg/Kg	50	06/30/11 04:46 AM
Surr: 2,4,6-Tribromophenol	99.5	0	45 - 126		%REC	50	06/30/11 04:46 AM
Surr: 2-Fluorobiphenyl	74.6	0	60 - 125		%REC	50	06/30/11 04:46 AM
Surr: 2-Fluorophenol	87.1	0	37 - 125		%REC	50	06/30/11 04:46 AM
Surr: 4-Terphenyl-d14	87.1	0	45 - 125		%REC	50	06/30/11 04:46 AM
Surr: Nitrobenzene-d5	74.6	0	45 - 125		%REC	50	06/30/11 04:46 AM
Surr: Phenol-d6	74.6	0	40 - 125		%REC	50	06/30/11 04:46 AM

MK 7-6-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/06/11

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: SO-16
Lab ID: 1106136-08
Collection Date: 06/17/11 11:05 AM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Soil/Solid		**SW8082A**					**Analyst: DO**
Aroclor 1016	<0.118	0.0592	0.118	U JL-SUR	mg/Kg-dry	1	07/01/11 01:54 AM ECS
Aroclor 1221	<0.118	0.0592	0.118		mg/Kg-dry	1	07/01/11 01:54 AM
Aroclor 1232	<0.118	0.0592	0.118		mg/Kg-dry	1	07/01/11 01:54 AM
Aroclor 1242	<0.118	0.0592	0.118		mg/Kg-dry	1	07/01/11 01:54 AM
Aroclor 1248	<0.118	0.0592	0.118		mg/Kg-dry	1	07/01/11 01:54 AM
Aroclor 1254	<0.118	0.0592	0.118		mg/Kg-dry	1	07/01/11 01:54 AM
Aroclor 1260	<0.118	0.0592	0.118		mg/Kg-dry	1	07/01/11 01:54 AM
Aroclor 1268	<0.118	0.0592	0.118	N	mg/Kg-dry	1	07/01/11 01:54 AM
Surr: Decachlorobiphenyl	54.6	0	58 - 125	S	%REC	1	07/01/11 01:54 AM
Surr: Tetrachloro-m-xylene	68.3	0	40 - 130		%REC	1	07/01/11 01:54 AM
Semivolatiles by GC/MS - Soil		**SW8270D**					**Analyst: DO**
2,4,5-Trichlorophenol	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
2,4,6-Trichlorophenol	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
2,4-Dichlorophenol	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
2,4-Dimethylphenol	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
2,4-Dinitrophenol	<0.158	0.0598	0.158		mg/Kg-dry	1	06/29/11 10:38 PM
2,4-Dinitrotoluene	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
2,6-Dinitrotoluene	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
2-Chloronaphthalene	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
2-Chlorophenol	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
2-Methylnaphthalene	0.0558	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
2-Methylphenol	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
2-Nitroaniline	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
2-Nitrophenol	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
3,3'-Dichlorobenzidine	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
3-Nitroaniline	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
4,6-Dinitro-2-methylphenol	<0.0790	0.0359	0.0790		mg/Kg-dry	1	06/29/11 10:38 PM
4-Bromophenyl phenyl ether	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
4-Chloro-3-methylphenol	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
4-Chloroaniline	<0.0790	0.0359	0.0790		mg/Kg-dry	1	06/29/11 10:38 PM
4-Chlorophenyl phenyl ether	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
4-Methylphenol	<0.0318	0.0239	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
4-Nitroaniline	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
4-Nitrophenol	<0.158	0.0598	0.158		mg/Kg-dry	1	06/29/11 10:38 PM
Acenaphthene	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Acenaphthylene	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Acetophenone	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Anthracene	0.0160	0.0120	0.0318	J	mg/Kg-dry	1	06/29/11 10:38 PM
Atrazine	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Benzaldehyde	<0.0318	0.0120	0.0318	N	mg/Kg-dry	1	06/29/11 10:38 PM
Benzo[a]anthracene	0.0798	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Benzo[a]pyrene	0.120	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Benzo[b]fluoranthene	0.152	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Benzo[g,h,i]perylene	0.112	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM

NK 7-6-11

Qualifiers:

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B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: SO-16
Lab ID: 1106136-08
Collection Date: 06/17/11 11:05 AM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzo[k]fluoranthene	0.0399	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Benzoic acid	<0.158	0.0598	0.158		mg/Kg-dry	1	06/29/11 10:38 PM
Benzyl alcohol	<0.0790	0.0120	0.0790		mg/Kg-dry	1	06/29/11 10:38 PM
Biphenyl	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Bis(2-chloroethoxy)methane	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Bis(2-chloroethyl)ether	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Bis(2-chloroisopropyl)ether	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Bis(2-ethylhexyl)phthalate	<0.0318	0.0359	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Butyl benzyl phthalate	<0.0790	0.0479	0.0790		mg/Kg-dry	1	06/29/11 10:38 PM
Caprolactam	<0.0318	0.0239	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Carbazole	0.0160	0.0120	0.0318	J	mg/Kg-dry	1	06/29/11 10:38 PM
Chrysene	0.0798	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Di-n-butyl phthalate	<0.0790	0.0479	0.0790		mg/Kg-dry	1	06/29/11 10:38 PM
Di-n-octyl phthalate	<0.0790	0.0479	0.0790		mg/Kg-dry	1	06/29/11 10:38 PM
Dibenz[a,h]anthracene	0.0558	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Dibenzofuran	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Diethyl phthalate	<0.0790	0.0479	0.0790		mg/Kg-dry	1	06/29/11 10:38 PM
Dimethyl phthalate	<0.0790	0.0479	0.0790		mg/Kg-dry	1	06/29/11 10:38 PM
Fluoranthene	0.0957	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Fluorene	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Hexachlorobenzene	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Hexachlorobutadiene	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Hexachlorocyclopentadiene	<0.0790	0.0359	0.0790		mg/Kg-dry	1	06/29/11 10:38 PM
Hexachloroethane	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Indeno[1,2,3-cd]pyrene	0.0798	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Isophorone	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
N-Nitrosodi-n-propylamine	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
N-Nitrosodiphenylamine	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Naphthalene	0.0239	0.0120	0.0318	J	mg/Kg-dry	1	06/29/11 10:38 PM
Nitrobenzene	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Pentachlorophenol	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Phenanthrene	0.0558	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Phenol	<0.0318	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Pyrene	0.0798	0.0120	0.0318		mg/Kg-dry	1	06/29/11 10:38 PM
Surr: 2,4,6-Tribromophenol	73.1	0	45 - 126		%REC	1	06/29/11 10:38 PM
Surr: 2-Fluorobiphenyl	65.7	0	60 - 125		%REC	1	06/29/11 10:38 PM
Surr: 2-Fluorophenol	70.4	0	37 - 125		%REC	1	06/29/11 10:38 PM
Surr: 4-Terphenyl-d14	79.9	0	45 - 125		%REC	1	06/29/11 10:38 PM
Surr: Nitrobenzene-d5	65.2	0	45 - 125		%REC	1	06/29/11 10:38 PM
Surr: Phenol-d6	64.4	0	40 - 125		%REC	1	06/29/11 10:38 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	18.1	0	0		WT%	1	06/24/11 08:40 AM

NKT 7-6-11

Qualifiers:

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B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/06/11

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: SO-16D
Lab ID: 1106136-09
Collection Date: 06/17/11 11:10 AM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed	
PCB by GC - Soil/Solid		**SW8082A**					**Analyst: DO**	
Aroclor 1016	<0.122	0.0610	0.122	UJL-SUR	mg/Kg-dry	1	06/29/11 01:37 PM	ECS
Aroclor 1221	<0.122	0.0610	0.122		mg/Kg-dry	1	06/29/11 01:37 PM	
Aroclor 1232	<0.122	0.0610	0.122		mg/Kg-dry	1	06/29/11 01 37 PM	
Aroclor 1242	<0.122	0.0610	0.122		mg/Kg-dry	1	06/29/11 01:37 PM	
Aroclor 1248	<0.122	0.0610	0.122		mg/Kg-dry	1	06/29/11 01:37 PM	
Aroclor 1254	<0.122	0.0610	0.122		mg/Kg-dry	1	06/29/11 01:37 PM	
Aroclor 1260	<0.122	0.0610	0.122		mg/Kg-dry	1	06/29/11 01.37 PM	
Aroclor 1268	<0.122	0.0610	0.122	N	mg/Kg-dry	1	06/29/11 01 37 PM	
Surr: Decachlorobiphenyl	46.9	0	58 - 125	S	%REC	1	06/29/11 01:37 PM	
Surr: Tetrachloro-m-xylene	56.5	0	40 - 130		%REC	1	06/29/11 01.37 PM	
Semivolatiles by GC/MS - Soil		**SW8270D**					**Analyst: DO**	
2,4,5-Trichlorophenol	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09.53 PM	
2,4,6-Trichlorophenol	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09 53 PM	
2,4-Dichlorophenol	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM	
2,4-Dimethylphenol	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM	
2,4-Dinitrophenol	<0.161	0.0608	0.161	UJL-MS/SD	mg/Kg-dry	1	06/29/11 09:53 PM	ECS
2,4-Dinitrotoluene	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM	
2,6-Dinitrotoluene	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM	
2-Chloronaphthalene	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09 53 PM	
2-Chlorophenol	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM	
2-Methylnaphthalene	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09 53 PM	
2-Methylphenol	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM	
2-Nitroaniline	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM	
2-Nitrophenol	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM	
3,3'-Dichlorobenzidine	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM	
3-Nitroaniline	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM	
4,6-Dinitro-2-methylphenol	<0.0803	0.0365	0.0803		mg/Kg-dry	1	06/29/11 09:53 PM	
4-Bromophenyl phenyl ether	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09 53 PM	
4-Chloro-3-methylphenol	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM	
4-Chloroaniline	<0.0803	0.0365	0.0803	UJL-MS	mg/Kg-dry	1	06/29/11 09:53 PM	ECS
4-Chlorophenyl phenyl ether	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM	
4-Methylphenol	<0.0324	0.0243	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM	
4-Nitroaniline	<0.0324	0.0122	0 0324		mg/Kg-dry	1	06/29/11 09 53 PM	
4-Nitrophenol	<0.161	0.0608	0.161		mg/Kg-dry	1	06/29/11 09:53 PM	
Acenaphthene	<0.0324	0.0122	0.0324	UJ1-FD	mg/Kg-dry	1	06/29/11 09:53 PM	ECS
Acenaphthylene	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM	
Acetophenone	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM	
Anthracene	<0.0324	0.0122	0.0324	UJ1-FD	mg/Kg-dry	1	06/29/11 09 53 PM	ECS
Atrazine	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM	
Benzaldehyde	<0.0324	0.0122	0.0324	N	mg/Kg-dry	1	06/29/11 09:53 PM	
Benzo[a]anthracene	0.0487	0.0122	0.0324	J1-FD	mg/Kg-dry	1	06/29/11 09:53 PM	ECS
Benzo[a]pyrene	0.0568	0.0122	0.0324	J1-FD	mg/Kg-dry	1	06/29/11 09:53 PM	ECS
Benzo[b]fluoranthene	0.0730	0.0122	0.0324	J1-FD	mg/Kg-dry	1	06/29/11 09.53 PM	ECS
Benzo[g,h,i]perylene	0.0406	0.0122	0.0324	J1-FD	mg/Kg-dry	1	06/29/11 09:53 PM	ECS

MK 7-6-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/06/11

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: SO-16D
Lab ID: 1106136-09
Collection Date: 06/17/11 11:10 AM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzo[k]fluoranthene	0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM
Benzoic acid	<0.161	0.0608	0.161	UJL-MS/SD	mg/Kg-dry	1	06/29/11 09:53 PM ECS
Benzyl alcohol	<0.0803	0.0122	0.0803		mg/Kg-dry	1	06/29/11 09:53 PM
Biphenyl	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM
Bis(2-chloroethoxy)methane	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM
Bis(2-chloroethyl)ether	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM
Bis(2-chloroisopropyl)ether	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM
Bis(2-ethylhexyl)phthalate	<0.0324	0.0365	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM
Butyl benzyl phthalate	<0.0803	0.0487	0.0803		mg/Kg-dry	1	06/29/11 09:53 PM
Caprolactam	<0.0324	0.0243	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM
Carbazole	<0.0324	0.0122	0.0324	UJ1-FD	mg/Kg-dry	1	06/29/11 09:53 PM ECS
Chrysene	0.0324	0.0122	0.0324	J1-FD	mg/Kg-dry	1	06/29/11 09:53 PM ECS
Di-n-butyl phthalate	<0.0803	0.0487	0.0803		mg/Kg-dry	1	06/29/11 09:53 PM
Di-n-octyl phthalate	<0.0803	0.0487	0.0803		mg/Kg-dry	1	06/29/11 09:53 PM
Dibenz[a,h]anthracene	0.0324	0.0122	0.0324	J1-FD	mg/Kg-dry	1	06/29/11 09:53 PM ECS
Dibenzofuran	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM
Diethyl phthalate	<0.0803	0.0487	0.0803		mg/Kg-dry	1	06/29/11 09:53 PM
Dimethyl phthalate	<0.0803	0.0487	0.0803		mg/Kg-dry	1	06/29/11 09:53 PM
Fluoranthene	0.0649	0.0122	0.0324	J1-FD	mg/Kg-dry	1	06/29/11 09:53 PM ECS
Fluorene	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM
Hexachlorobenzene	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM
Hexachlorobutadiene	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM
Hexachlorocyclopentadiene	<0.0803	0.0365	0.0803		mg/Kg-dry	1	06/29/11 09:53 PM
Hexachloroethane	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM
Indeno[1,2,3-cd]pyrene	0.0406	0.0122	0.0324	J1-FD	mg/Kg-dry	1	06/29/11 09:53 PM ECS
Isophorone	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM
N-Nitrosodi-n-propylamine	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM
N-Nitrosodiphenylamine	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM
Naphthalene	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM
Nitrobenzene	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM
Pentachlorophenol	<0.0324	0.0122	0.0324	UJL-MS/SD	mg/Kg-dry	1	06/29/11 09:53 PM ECS
Phenanthrene	0.0324	0.0122	0.0324	J1-FD	mg/Kg-dry	1	06/29/11 09:53 PM ECS
Phenol	<0.0324	0.0122	0.0324		mg/Kg-dry	1	06/29/11 09:53 PM
Pyrene	0.0487	0.0122	0.0324	J1-FD	mg/Kg-dry	1	06/29/11 09:53 PM
Surr: 2,4,6-Tribromophenol	69.9	0	45 - 126		%REC	1	06/29/11 09:53 PM ECS
Surr: 2-Fluorobiphenyl	59.5	0	60 - 125	S	%REC	1	06/29/11 09:53 PM
Surr: 2-Fluorophenol	63.9	0	37 - 125		%REC	1	06/29/11 09:53 PM
Surr: 4-Terphenyl-d14	77.1	0	45 - 125		%REC	1	06/29/11 09:53 PM
Surr: Nitrobenzene-d5	58.2	0	45 - 125		%REC	1	06/29/11 09:53 PM
Surr: Phenol-d6	58.7	0	40 - 125		%REC	1	06/29/11 09:53 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	18.5	0	0		WT%	1	06/24/11 08:40 AM

7/6/11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: SO-98D
Lab ID: 1106136-10
Collection Date: 06/17/11 11:45 AM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Soil/Solid		**SW8082A**					**Analyst: DO**
Aroclor 1016	<0.110	0.0551	0.110		mg/Kg-dry	1	07/01/11 03:13 AM
Aroclor 1221	<0.110	0.0551	0.110		mg/Kg-dry	1	07/01/11 03:13 AM
Aroclor 1232	<0.110	0.0551	0.110		mg/Kg-dry	1	07/01/11 03:13 AM
Aroclor 1242	<0.110	0.0551	0.110		mg/Kg-dry	1	07/01/11 03:13 AM
Aroclor 1248	<0.110	0.0551	0.110		mg/Kg-dry	1	07/01/11 03 13 AM
Aroclor 1254	<0.110	0.0551	0.110		mg/Kg-dry	1	07/01/11 03 13 AM
Aroclor 1260	<0.110	0.0551	0.110		mg/Kg-dry	1	07/01/11 03.13 AM
Aroclor 1268	<0.110	0.0551	0.110	N	mg/Kg-dry	1	07/01/11 03:13 AM
Surr: Decachlorobiphenyl	73.5	0	58 - 125		%REC	1	07/01/11 03:13 AM
Surr: Tetrachloro-m-xylene	75.5	0	40 - 130		%REC	1	07/01/11 03:13 AM
Semivolatiles by GC/MS - Soil		**SW8270D**					**Analyst: DO**
2,4,5-Trichlorophenol	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM
2,4,6-Trichlorophenol	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM
2,4-Dichlorophenol	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM
2,4-Dimethylphenol	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM
2,4-Dinitrophenol	<0.146	0.0551	0.146		mg/Kg-dry	1	06/29/11 10:16 PM
2,4-Dinitrotoluene	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM
2,6-Dinitrotoluene	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM
2-Chloronaphthalene	<0.0293	0.0110	0 0293		mg/Kg-dry	1	06/29/11 10:16 PM
2-Chlorophenol	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM
2-Methylnaphthalene	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM
2-Methylphenol	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM
2-Nitroaniline	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM
2-Nitrophenol	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM
3,3'-Dichlorobenzidine	<0.0293	0.0110	0 0293		mg/Kg-dry	1	06/29/11 10:16 PM
3-Nitroaniline	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM
4,6-Dinitro-2-methylphenol	<0.0728	0.0331	0.0728		mg/Kg-dry	1	06/29/11 10:16 PM
4-Bromophenyl phenyl ether	<0.0293	0.0110	0 0293		mg/Kg-dry	1	06/29/11 10:16 PM
4-Chloro-3-methylphenol	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM
4-Chloroaniline	<0.0728	0.0331	0.0728		mg/Kg-dry	1	06/29/11 10.16 PM
4-Chlorophenyl phenyl ether	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM
4-Methylphenol	<0.0293	0.0221	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM
4-Nitroaniline	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM
4-Nitrophenol	<0.146	0.0551	0.146		mg/Kg-dry	1	06/29/11 10:16 PM
Acenaphthene	0.0588	0.0110	0.0293	J1-FD	mg/Kg-dry	1	06/29/11 10:16 PM ECS
Acenaphthylene	0.0147	0.0110	0.0293	J	mg/Kg-dry	1	06/29/11 10:16 PM
Acetophenone	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM
Anthracene	0.206	0.0110	0.0293	J1-FD	mg/Kg-dry	1	06/29/11 10:16 PM ECS
Atrazine	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM
Benzaldehyde	<0.0293	0.0110	0.0293	N	mg/Kg-dry	1	06/29/11 10:16 PM
Benzo[a]anthracene	0.794	0.0110	0.0293	J1-FD	mg/Kg-dry	1	06/29/11 10:16 PM ECS
Benzo[a]pyrene	0.765	0.0110	0.0293	J1-FD	mg/Kg-dry	1	06/29/11 10:16 PM ECS
Benzo[b]fluoranthene	1.08	0.0110	0.0293	J1-FD	mg/Kg-dry	1	06/29/11 10 16 PM ECS
Benzo[g,h,i]perylene	0.434	0.0110	0.0293	J1-FD	mg/Kg-dry	1	06/29/11 10:16 PM ECS

MK 7-6-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/06/11

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: SO-98D
Lab ID: 1106136-10
Collection Date: 06/17/11 11:45 AM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed	
Benzo[k]fluoranthene	0.250	0.0110	0.0293	J1-FD	mg/Kg-dry	1	06/29/11 10:16 PM	ECS
Benzoic acid	<0.146	0.0551	0.146		mg/Kg-dry	1	06/29/11 10:16 PM	
Benzyl alcohol	<0.0728	0.0110	0.0728		mg/Kg-dry	1	06/29/11 10:16 PM	
Biphenyl	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM	
Bis(2-chloroethoxy)methane	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM	
Bis(2-chloroethyl)ether	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM	
Bis(2-chloroisopropyl)ether	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM	
Bis(2-ethylhexyl)phthalate	<0.0293	0.0331	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM	
Butyl benzyl phthalate	<0.0728	0.0441	0.0728		mg/Kg-dry	1	06/29/11 10:16 PM	
Caprolactam	<0.0293	0.0221	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM	
Carbazole	0.132	0.0110	0.0293	J1-FD	mg/Kg-dry	1	06/29/11 10:16 PM	ECS
Chrysene	0.647	0.0110	0.0293	J1-FD	mg/Kg-dry	1	06/29/11 10:16 PM	ECS
Di-n-butyl phthalate	<0.0728	0.0441	0.0728		mg/Kg-dry	1	06/29/11 10:16 PM	
Di-n-octyl phthalate	<0.0728	0.0441	0.0728		mg/Kg-dry	1	06/29/11 10:16 PM	
Dibenz[a,h]anthracene	0.140	0.0110	0.0293	J1-FD	mg/Kg-dry	1	06/29/11 10:16 PM	ECS
Dibenzofuran	0.0221	0.0110	0.0293	J	mg/Kg-dry	1	06/29/11 10:16 PM	
Diethyl phthalate	<0.0728	0.0441	0.0728		mg/Kg-dry	1	06/29/11 10:16 PM	
Dimethyl phthalate	<0.0728	0.0441	0.0728		mg/Kg-dry	1	06/29/11 10:16 PM	
Fluoranthene	1.65	0.0110	0.0293	J1-FD	mg/Kg-dry	1	06/29/11 10:16 PM	ECS
Fluorene	0.0515	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM	
Hexachlorobenzene	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM	
Hexachlorobutadiene	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM	
Hexachlorocyclopentadiene	<0.0728	0.0331	0.0728		mg/Kg-dry	1	06/29/11 10:16 PM	
Hexachloroethane	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM	
Indeno[1,2,3-cd]pyrene	0.419	0.0110	0.0293	J1-FD	mg/Kg-dry	1	06/29/11 10:16 PM	ECS
Isophorone	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM	
N-Nitrosodi-n-propylamine	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM	
N-Nitrosodiphenylamine	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM	
Naphthalene	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM	
Nitrobenzene	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM	
Pentachlorophenol	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM	
Phenanthrene	0.787	0.0110	0.0293	J1-FD	mg/Kg-dry	1	06/29/11 10:16 PM	ECS
Phenol	<0.0293	0.0110	0.0293		mg/Kg-dry	1	06/29/11 10:16 PM	
Pyrene	1.07	0.0110	0.0293	J1-FD	mg/Kg-dry	1	06/29/11 10:16 PM	ECS
Surr: 2,4,6-Tribromophenol	74.6	0	45 - 126		%REC	1	06/29/11 10:16 PM	
Surr: 2-Fluorobiphenyl	64.7	0	60 - 125		%REC	1	06/29/11 10:16 PM	
Surr: 2-Fluorophenol	70.1	0	37 - 125		%REC	1	06/29/11 10:16 PM	
Surr: 4-Terphenyl-d14	83.3	0	45 - 125		%REC	1	06/29/11 10:16 PM	
Surr: Nitrobenzene-d5	64.2	0	45 - 125		%REC	1	06/29/11 10:16 PM	
Surr: Phenol-d6	64.2	0	40 - 125		%REC	1	06/29/11 10:16 PM	
Percent Moisture		**D2216**					**Analyst: JCG**	
Percent Moisture	12.0	0	0		WT%	1	06/24/11 08:40 AM	

MLT 7-6-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/06/11

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: SE-04
Lab ID: 1106136-11
Collection Date: 06/17/11 12:00 PM
Matrix: Sediment

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Soil/Solid		**SW8082A**					**Analyst: DO**
Aroclor 1016	<0.392	0.196	0.392	UJL-SUR	mg/Kg-dry	1	06/29/11 02:56 PM ECS
Aroclor 1221	<0.392	0.196	0.392		mg/Kg-dry	1	06/29/11 02:56 PM
Aroclor 1232	<0.392	0.196	0.392		mg/Kg-dry	1	06/29/11 02:56 PM
Aroclor 1242	<0.392	0.196	0.392		mg/Kg-dry	1	06/29/11 02:56 PM
Aroclor 1248	<0.392	0.196	0.392		mg/Kg-dry	1	06/29/11 02:56 PM
Aroclor 1254	<0.392	0.196	0.392		mg/Kg-dry	1	06/29/11 02:56 PM
Aroclor 1260	<0.392	0.196	0.392		mg/Kg-dry	1	06/29/11 02:56 PM
Aroclor 1268	<0.392	0.196	0.392	N	mg/Kg-dry	1	06/29/11 02:56 PM
Surr: Decachlorobiphenyl	46.9	0	58 - 125	S	%REC	1	06/29/11 02:56 PM
Surr: Tetrachloro-m-xylene	51.0	0	40 - 130		%REC	1	06/29/11 02:56 PM
Semivolatiles by GC/MS - Soil		**SW8270D**					**Analyst: DO**
2,4,5-Trichlorophenol	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
2,4,6-Trichlorophenol	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
2,4-Dichlorophenol	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
2,4-Dimethylphenol	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
2,4-Dinitrophenol	<0.821	0.311	0.821	UJL-MS/SD	mg/Kg-dry	1	06/29/11 11:24 PM ECS
2,4-Dinitrotoluene	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
2,6-Dinitrotoluene	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
2-Chloronaphthalene	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
2-Chlorophenol	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
2-Methylnaphthalene	0.207	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
2-Methylphenol	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
2-Nitroaniline	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
2-Nitrophenol	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
3,3'-Dichlorobenzidine	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
3-Nitroaniline	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
4,6-Dinitro-2-methylphenol	<0.410	0.187	0.410		mg/Kg-dry	1	06/29/11 11:24 PM
4-Bromophenyl phenyl ether	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
4-Chloro-3-methylphenol	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
4-Chloroaniline	<0.410	0.187	0.410		mg/Kg-dry	1	06/29/11 11:24 PM
4-Chlorophenyl phenyl ether	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
4-Methylphenol	<0.165	0.124	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
4-Nitroaniline	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
4-Nitrophenol	<0.821	0.311	0.821		mg/Kg-dry	1	06/29/11 11:24 PM
Acenaphthene	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Acenaphthylene	0.0829	0.0622	0.165	J	mg/Kg-dry	1	06/29/11 11:24 PM
Acetophenone	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Anthracene	0.166	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Atrazine	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Benzaldehyde	<0.165	0.0622	0.165	N	mg/Kg-dry	1	06/29/11 11:24 PM
Benzo[a]anthracene	0.415	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Benzo[a]pyrene	0.705	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Benzo[b]fluoranthene	0.995	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Benzo[g,h,i]perylene	0.580	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM

NV 7-6-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/06/11

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: SE-04
Lab ID: 1106136-11
Collection Date: 06/17/11 12:00 PM
Matrix: Sediment

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzo[k]fluoranthene	0.249	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Benzoic acid	<0.821	0.311	0.821	UJL-MS/SD	mg/Kg-dry	1	06/29/11 11:24 PM ECS
Benzyl alcohol	<0.410	0.0622	0.410		mg/Kg-dry	1	06/29/11 11:24 PM
Biphenyl	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Bis(2-chloroethoxy)methane	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Bis(2-chloroethyl)ether	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Bis(2-chloroisopropyl)ether	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Bis(2-ethylhexyl)phthalate	0.207	0.187	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Butyl benzyl phthalate	<0.410	0.249	0.410		mg/Kg-dry	1	06/29/11 11:24 PM
Caprolactam	<0.165	0.124	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Carbazole	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Chrysene	0.415	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Di-n-butyl phthalate	<0.410	0.249	0.410		mg/Kg-dry	1	06/29/11 11:24 PM
Di-n-octyl phthalate	<0.410	0.249	0.410		mg/Kg-dry	1	06/29/11 11:24 PM
Dibenz[a,h]anthracene	0.249	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Dibenzofuran	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Diethyl phthalate	<0.410	0.249	0.410		mg/Kg-dry	1	06/29/11 11:24 PM
Dimethyl phthalate	<0.410	0.249	0.410		mg/Kg-dry	1	06/29/11 11:24 PM
Fluoranthene	0.622	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Fluorene	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Hexachlorobenzene	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Hexachlorobutadiene	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Hexachlorocyclopentadiene	<0.410	0.187	0.410	R-MS/SD	mg/Kg-dry	1	06/29/11 11:24 PM ECS
Hexachloroethane	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Indeno[1,2,3-cd]pyrene	0.456	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Isophorone	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
N-Nitrosodi-n-propylamine	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
N-Nitrosodiphenylamine	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Naphthalene	0.0829	0.0622	0.165	J	mg/Kg-dry	1	06/29/11 11:24 PM
Nitrobenzene	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Pentachlorophenol	<0.165	0.0622	0.165	UJL-MS/SD	mg/Kg-dry	1	06/29/11 11:24 PM ECS
Phenanthrene	0.249	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Phenol	<0.165	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Pyrene	0.580	0.0622	0.165		mg/Kg-dry	1	06/29/11 11:24 PM
Surr: 2,4,6-Tribromophenol	77.6	0	45 - 126		%REC	1	06/29/11 11:24 PM
Surr: 2-Fluorobiphenyl	71.6	0	60 - 125		%REC	1	06/29/11 11:24 PM
Surr: 2-Fluorophenol	75.4	0	37 - 125		%REC	1	06/29/11 11:24 PM
Surr: 4-Terphenyl-d14	86.6	0	45 - 125		%REC	1	06/29/11 11:24 PM
Surr: Nitrobenzene-d5	71.1	0	45 - 125		%REC	1	06/29/11 11:24 PM
Surr: Phenol-d6	69.2	0	40 - 125		%REC	1	06/29/11 11:24 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	56.5	0	0		WT%	1	06/24/11 08:40 AM

NKT 7-6-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/06/11

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: SE-98
Lab ID: 1106136-12
Collection Date: 06/17/11 12:30 PM
Matrix: Sediment

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Soil/Solid		**SW8082A**					**Analyst: DO**
Aroclor 1016	<0.520	0.260	0.520	UJL-SUR	mg/Kg-dry	1	07/01/11 03:39 AM E65
Aroclor 1221	<0.520	0.260	0.520		mg/Kg-dry	1	07/01/11 03:39 AM
Aroclor 1232	<0.520	0.260	0.520		mg/Kg-dry	1	07/01/11 03:39 AM
Aroclor 1242	<0.520	0.260	0.520		mg/Kg-dry	1	07/01/11 03:39 AM
Aroclor 1248	<0.520	0.260	0.520		mg/Kg-dry	1	07/01/11 03:39 AM
Aroclor 1254	<0.520	0.260	0.520		mg/Kg-dry	1	07/01/11 03:39 AM
Aroclor 1260	<0.520	0.260	0.520		mg/Kg-dry	1	07/01/11 03:39 AM
Aroclor 1268	<0.520	0.260	0.520	N	mg/Kg-dry	1	07/01/11 03:39 AM
Surr: Decachlorobiphenyl	48.0	0	58 - 125	S	%REC	1	07/01/11 03:39 AM
Surr: Tetrachloro-m-xylene	59.8	0	40 - 130		%REC	1	07/01/11 03:39 AM
Semivolatiles by GC/MS - Soil		**SW8270D**					**Analyst: DO**
2,4,5-Trichlorophenol	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
2,4,6-Trichlorophenol	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
2,4-Dichlorophenol	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
2,4-Dimethylphenol	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
2,4-Dinitrophenol	<1.14	0.432	1.14		mg/Kg-dry	1	06/29/11 11:47 PM
2,4-Dinitrotoluene	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
2,6-Dinitrotoluene	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
2-Chloronaphthalene	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
2-Chlorophenol	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
2-Methylnaphthalene	0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
2-Methylphenol	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
2-Nitroaniline	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
2-Nitrophenol	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
3,3'-Dichlorobenzidine	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
3-Nitroaniline	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
4,6-Dinitro-2-methylphenol	<0.570	0.259	0.570		mg/Kg-dry	1	06/29/11 11:47 PM
4-Bromophenyl phenyl ether	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
4-Chloro-3-methylphenol	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
4-Chloroaniline	<0.570	0.259	0.570		mg/Kg-dry	1	06/29/11 11:47 PM
4-Chlorophenyl phenyl ether	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
4-Methylphenol	<0.230	0.173	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
4-Nitroaniline	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
4-Nitrophenol	<1.14	0.432	1.14		mg/Kg-dry	1	06/29/11 11:47 PM
Acenaphthene	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Acenaphthylene	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Acetophenone	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Anthracene	0.173	0.0864	0.230	J	mg/Kg-dry	1	06/29/11 11:47 PM
Atrazine	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Benzaldehyde	<0.230	0.0864	0.230	N	mg/Kg-dry	1	06/29/11 11:47 PM
Benzo[a]anthracene	0.461	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Benzo[a]pyrene	0.634	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Benzo[b]fluoranthene	0.922	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Benzo[g,h,i]perylene	0.576	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM

MKI 7-6-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/06/11

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: SE-98
Lab ID: 1106136-12
Collection Date: 06/17/11 12:30 PM
Matrix: Sediment

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzo[k]fluoranthene	0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Benzoic acid	<1.14	0.432	1.14		mg/Kg-dry	1	06/29/11 11:47 PM
Benzyl alcohol	<0.570	0.0864	0.570		mg/Kg-dry	1	06/29/11 11:47 PM
Biphenyl	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Bis(2-chloroethoxy)methane	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Bis(2-chloroethyl)ether	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Bis(2-chloroisopropyl)ether	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Bis(2-ethylhexyl)phthalate	0.288	0.259	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Butyl benzyl phthalate	<0.570	0.346	0.570		mg/Kg-dry	1	06/29/11 11:47 PM
Caprolactam	<0.230	0.173	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Carbazole	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Chrysene	0.403	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Di-n-butyl phthalate	<0.570	0.346	0.570		mg/Kg-dry	1	06/29/11 11:47 PM
Di-n-octyl phthalate	<0.570	0.346	0.570		mg/Kg-dry	1	06/29/11 11:47 PM
Dibenz[a,h]anthracene	0.288	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Dibenzofuran	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Diethyl phthalate	<0.570	0.346	0.570		mg/Kg-dry	1	06/29/11 11:47 PM
Dimethyl phthalate	<0.570	0.346	0.570		mg/Kg-dry	1	06/29/11 11:47 PM
Fluoranthene	0.634	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Fluorene	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Hexachlorobenzene	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Hexachlorobutadiene	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Hexachlorocyclopentadiene	<0.570	0.259	0.570		mg/Kg-dry	1	06/29/11 11:47 PM
Hexachloroethane	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Indeno[1,2,3-cd]pyrene	0.403	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Isophorone	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
N-Nitrosodi-n-propylamine	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
N-Nitrosodiphenylamine	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Naphthalene	0.115	0.0864	0.230	J	mg/Kg-dry	1	06/29/11 11:47 PM
Nitrobenzene	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Pentachlorophenol	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Phenanthrene	0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Phenol	<0.230	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Pyrene	0.634	0.0864	0.230		mg/Kg-dry	1	06/29/11 11:47 PM
Surr: 2,4,6-Tribromophenol	76.9	0	45 - 126		%REC	1	06/29/11 11:47 PM
Surr: 2-Fluorobiphenyl	72.4	0	60 - 125		%REC	1	06/29/11 11:47 PM
Surr: 2-Fluorophenol	77.1	0	37 - 125		%REC	1	06/29/11 11:47 PM
Surr: 4-Terphenyl-d14	85.6	0	45 - 125		%REC	1	06/29/11 11:47 PM
Surr: Nitrobenzene-d5	72.1	0	45 - 125		%REC	1	06/29/11 11:47 PM
Surr: Phenol-d6	69.7	0	40 - 125		%REC	1	06/29/11 11:47 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	65.8	0	0		WT%	1	06/24/11 08:40 AM

NKJ 7-6-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: SO-14
Lab ID: 1106136-13
Collection Date: 06/17/11 12:30 PM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Soil/Solid		**SW8082A**					**Analyst: DO**
Aroclor 1016	<0.104	0.0518	0.104		mg/Kg-dry	1	07/01/11 04:31 AM
Aroclor 1221	<0.104	0.0518	0.104		mg/Kg-dry	1	07/01/11 04:31 AM
Aroclor 1232	<0.104	0.0518	0.104		mg/Kg-dry	1	07/01/11 04:31 AM
Aroclor 1242	<0.104	0.0518	0.104		mg/Kg-dry	1	07/01/11 04:31 AM
Aroclor 1248	<0.104	0.0518	0.104		mg/Kg-dry	1	07/01/11 04:31 AM
Aroclor 1254	<0.104	0.0518	0.104		mg/Kg-dry	1	07/01/11 04:31 AM
Aroclor 1260	<0.104	0.0518	0.104		mg/Kg-dry	1	07/01/11 04:31 AM
Aroclor 1268	<0.104	0.0518	0.104	N	mg/Kg-dry	1	07/01/11 04:31 AM
Surr: Decachlorobiphenyl	76.9	0	58 - 125		%REC	1	07/01/11 04:31 AM
Surr: Tetrachloro-m-xylene	77.4	0	40 - 130		%REC	1	07/01/11 04:31 AM
Semivolatiles by GC/MS - Soil		**SW8270D**					**Analyst: DO**
2,4,5-Trichlorophenol	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
2,4,6-Trichlorophenol	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
2,4-Dichlorophenol	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
2,4-Dimethylphenol	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
2,4-Dinitrophenol	<0.132	0.0501	0.132		mg/Kg-dry	1	07/01/11 07:17 AM
2,4-Dinitrotoluene	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
2,6-Dinitrotoluene	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
2-Chloronaphthalene	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
2-Chlorophenol	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
2-Methylnaphthalene	0.0869	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
2-Methylphenol	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
2-Nitroaniline	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
2-Nitrophenol	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
3,3'-Dichlorobenzidine	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
3-Nitroaniline	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
4,6-Dinitro-2-methylphenol	<0.0662	0.0301	0.0662		mg/Kg-dry	1	07/01/11 07:17 AM
4-Bromophenyl phenyl ether	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
4-Chloro-3-methylphenol	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
4-Chloroaniline	<0.0662	0.0301	0.0662		mg/Kg-dry	1	07/01/11 07:17 AM
4-Chlorophenyl phenyl ether	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
4-Methylphenol	<0.0267	0.0201	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
4-Nitroaniline	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
4-Nitrophenol	<0.132	0.0501	0.132		mg/Kg-dry	1	07/01/11 07:17 AM
Acenaphthene	0.0334	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Acenaphthylene	0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Acetophenone	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Anthracene	0.0869	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Atrazine	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Benzaldehyde	<0.0267	0.0100	0.0267	N	mg/Kg-dry	1	07/01/11 07:17 AM
Benzo[a]anthracene	0.615	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Benzo[a]pyrene	0.849	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Benzo[b]fluoranthene	1.51	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Benzo[g,h,i]perylene	0.742	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM

NLT 7/6/11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/06/11

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: SO-14
Lab ID: 1106136-13
Collection Date: 06/17/11 12:30 PM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzo[k]fluoranthene	0.334	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Benzoic acid	0.0535	0.0501	0.132	~~X~~U-RB	mg/Kg-dry	1	07/01/11 07:17 AM ECS
Benzyl alcohol	<0.0662	0.0100	0.0662		mg/Kg-dry	1	07/01/11 07:17 AM
Biphenyl	0.0201	0.0100	0.0267	J	mg/Kg-dry	1	07/01/11 07:17 AM
Bis(2-chloroethoxy)methane	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Bis(2-chloroethyl)ether	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Bis(2-chloroisopropyl)ether	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Bis(2-ethylhexyl)phthalate	1.74	0.0301	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Butyl benzyl phthalate	0.114	0.0401	0.0662		mg/Kg-dry	1	07/01/11 07:17 AM
Caprolactam	<0.0267	0.0201	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Carbazole	0.120	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Chrysene	0.789	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Di-n-butyl phthalate	1.14	0.0401	0.0662		mg/Kg-dry	1	07/01/11 07:17 AM
Di-n-octyl phthalate	<0.0662	0.0401	0.0662		mg/Kg-dry	1	07/01/11 07:17 AM
Dibenz[a,h]anthracene	0.181	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Dibenzofuran	0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Diethyl phthalate	<0.0662	0.0401	0.0662		mg/Kg-dry	1	07/01/11 07:17 AM
Dimethyl phthalate	<0.0662	0.0401	0.0662		mg/Kg-dry	1	07/01/11 07:17 AM
Fluoranthene	1.64	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Fluorene	0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Hexachlorobenzene	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Hexachlorobutadiene	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Hexachlorocyclopentadiene	<0.0662	0.0301	0.0662		mg/Kg-dry	1	07/01/11 07:17 AM
Hexachloroethane	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Indeno[1,2,3-cd]pyrene	0.655	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Isophorone	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
N-Nitrosodi-n-propylamine	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
N-Nitrosodiphenylamine	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Naphthalene	0.0535	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Nitrobenzene	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Pentachlorophenol	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Phenanthrene	0.682	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Phenol	<0.0267	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Pyrene	1.21	0.0100	0.0267		mg/Kg-dry	1	07/01/11 07:17 AM
Surr: 2,4,6-Tribromophenol	76.9	0	45 - 126		%REC	1	07/01/11 07:17 AM
Surr: 2-Fluorobiphenyl	65.2	0	60 - 125		%REC	1	07/01/11 07:17 AM
Surr: 2-Fluorophenol	72.4	0	37 - 125		%REC	1	07/01/11 07:17 AM
Surr: 4-Terphenyl-d14	86.3	0	45 - 125		%REC	1	07/01/11 07:17 AM
Surr: Nitrobenzene-d5	63.7	0	45 - 125		%REC	1	07/01/11 07:17 AM
Surr: Phenol-d6	64.7	0	40 - 125		%REC	1	07/01/11 07:17 AM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	3.63	0	0		WT%	1	06/24/11 08:40 AM

7/12
7-6-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/06/11

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: SO-14D
Lab ID: 1106136-14
Collection Date: 06/17/11 12:35 PM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Soil/Solid		**SW8082A**					**Analyst: DO**
Aroclor 1016	<0.111	0.0553	0.111		mg/Kg-dry	1	07/01/11 04:58 AM
Aroclor 1221	<0.111	0.0553	0.111		mg/Kg-dry	1	07/01/11 04:58 AM
Aroclor 1232	<0.111	0.0553	0.111		mg/Kg-dry	1	07/01/11 04:58 AM
Aroclor 1242	<0.111	0.0553	0.111		mg/Kg-dry	1	07/01/11 04:58 AM
Aroclor 1248	<0.111	0.0553	0.111		mg/Kg-dry	1	07/01/11 04:58 AM
Aroclor 1254	<0.111	0.0553	0.111		mg/Kg-dry	1	07/01/11 04:58 AM
Aroclor 1260	<0.111	0.0553	0.111		mg/Kg-dry	1	07/01/11 04:58 AM
Aroclor 1268	<0.111	0.0553	0.111	N	mg/Kg-dry	1	07/01/11 04:58 AM
Surr: Decachlorobiphenyl	72.9	0	58 - 125		%REC	1	07/01/11 04:58 AM
Surr: Tetrachloro-m-xylene	67.4	0	40 - 130		%REC	1	07/01/11 04:58 AM
Semivolatiles by GC/MS - Soil		**SW8270D**					**Analyst: DO**
2,4,5-Trichlorophenol	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
2,4,6-Trichlorophenol	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
2,4-Dichlorophenol	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
2,4-Dimethylphenol	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
2,4-Dinitrophenol	<0.149	0.0565	0.149		mg/Kg-dry	1	06/29/11 09:30 PM
2,4-Dinitrotoluene	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
2,6-Dinitrotoluene	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
2-Chloronaphthalene	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
2-Chlorophenol	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
2-Methylnaphthalene	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
2-Methylphenol	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
2-Nitroaniline	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
2-Nitrophenol	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
3,3'-Dichlorobenzidine	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
3-Nitroaniline	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
4,6-Dinitro-2-methylphenol	<0.0745	0.0339	0.0745		mg/Kg-dry	1	06/29/11 09:30 PM
4-Bromophenyl phenyl ether	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
4-Chloro-3-methylphenol	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
4-Chloroaniline	<0.0745	0.0339	0.0745		mg/Kg-dry	1	06/29/11 09:30 PM
4-Chlorophenyl phenyl ether	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
4-Methylphenol	<0.0300	0.0226	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
4-Nitroaniline	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
4-Nitrophenol	<0.149	0.0565	0.149		mg/Kg-dry	1	06/29/11 09:30 PM
Acenaphthene	0.0226	0.0113	0.0300	J	mg/Kg-dry	1	06/29/11 09:30 PM
Acenaphthylene	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Acetophenone	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Anthracene	0.0301	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Atrazine	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Benzaldehyde	<0.0300	0.0113	0.0300	N	mg/Kg-dry	1	06/29/11 09:30 PM
Benzo[a]anthracene	0.188	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Benzo[a]pyrene	0.226	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Benzo[b]fluoranthene	0.369	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Benzo[g,h,i]perylene	0.158	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM

RLT 7-6-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: SO-14D
Lab ID: 1106136-14
Collection Date: 06/17/11 12:35 PM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzo[k]fluoranthene	0.0979	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Benzoic acid	<0.149	0.0565	0.149		mg/Kg-dry	1	06/29/11 09:30 PM
Benzyl alcohol	<0.0745	0.0113	0.0745		mg/Kg-dry	1	06/29/11 09:30 PM
Biphenyl	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Bis(2-chloroethoxy)methane	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Bis(2-chloroethyl)ether	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Bis(2-chloroisopropyl)ether	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Bis(2-ethylhexyl)phthalate	0.0753	0.0339	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Butyl benzyl phthalate	<0.0745	0.0452	0.0745		mg/Kg-dry	1	06/29/11 09:30 PM
Caprolactam	<0.0300	0.0226	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Carbazole	0.0602	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Chrysene	0.203	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Di-n-butyl phthalate	<0.0745	0.0452	0.0745		mg/Kg-dry	1	06/29/11 09:30 PM
Di-n-octyl phthalate	<0.0745	0.0452	0.0745		mg/Kg-dry	1	06/29/11 09:30 PM
Dibenz[a,h]anthracene	0.0527	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Dibenzofuran	0.0151	0.0113	0.0300	J	mg/Kg-dry	1	06/29/11 09:30 PM
Diethyl phthalate	<0.0745	0.0452	0.0745		mg/Kg-dry	1	06/29/11 09:30 PM
Dimethyl phthalate	<0.0745	0.0452	0.0745		mg/Kg-dry	1	06/29/11 09:30 PM
Fluoranthene	0.580	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Fluorene	0.0151	0.0113	0.0300	J	mg/Kg-dry	1	06/29/11 09:30 PM
Hexachlorobenzene	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Hexachlorobutadiene	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Hexachlorocyclopentadiene	<0.0745	0.0339	0.0745		mg/Kg-dry	1	06/29/11 09:30 PM
Hexachloroethane	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Indeno[1,2,3-cd]pyrene	0.151	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Isophorone	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
N-Nitrosodi-n-propylamine	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
N-Nitrosodiphenylamine	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Naphthalene	0.0151	0.0113	0.0300	J	mg/Kg-dry	1	06/29/11 09:30 PM
Nitrobenzene	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Pentachlorophenol	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Phenanthrene	0.309	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Phenol	<0.0300	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Pyrene	0.376	0.0113	0.0300		mg/Kg-dry	1	06/29/11 09:30 PM
Surr: 2,4,6-Tribromophenol	75.9	0	45 - 126		%REC	1	06/29/11 09:30 PM
Surr: 2-Fluorobiphenyl	68.4	0	60 - 125		%REC	1	06/29/11 09:30 PM
Surr: 2-Fluorophenol	74.4	0	37 - 125		%REC	1	06/29/11 09:30 PM
Surr: 4-Terphenyl-d14	85.8	0	45 - 125		%REC	1	06/29/11 09:30 PM
Surr: Nitrobenzene-d5	68.2	0	45 - 125		%REC	1	06/29/11 09:30 PM
Surr: Phenol-d6	67.9	0	40 - 125		%REC	1	06/29/11 09:30 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	14.6	0	0		WT%	1	06/24/11 08:40 AM

ND 26-11

Qualifiers:

	See **Final** Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/06/11

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: ER-061711
Lab ID: 1106136-15
Collection Date: 06/17/11 01:04 PM
Matrix: Equip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PCB by GC - Aqueous		**SW8082A**					**Analyst: DO**
Aroclor 1016	<0.000250	0.000100	0.000250	UJL-SVR	mg/L	1	06/24/11 03:20 AM
Aroclor 1221	<0.000250	0.000100	0.000250		mg/L	1	06/24/11 03:20 AM
Aroclor 1232	<0.000250	0.000100	0.000250		mg/L	1	06/24/11 03:20 AM
Aroclor 1242	<0.000250	0.000100	0.000250		mg/L	1	06/24/11 03:20 AM
Aroclor 1248	<0.000250	0.000100	0.000250		mg/L	1	06/24/11 03:20 AM
Aroclor 1254	<0.000250	0.000100	0.000250		mg/L	1	06/24/11 03:20 AM
Aroclor 1260	<0.000250	0.000100	0.000250		mg/L	1	06/24/11 03:20 AM
Surr: Decachlorobiphenyl	37.7	0	42 - 133	S	%REC	1	06/24/11 03:20 AM
Surr: Tetrachloro-m-xylene	71.0	0	25 - 140		%REC	1	06/24/11 03:20 AM
Semivolatiles by GC/MS - Water		**SW8270D**					**Analyst: DO**
2,4,5-Trichlorophenol	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
2,4,6-Trichlorophenol	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
2,4-Dichlorophenol	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
2,4-Dimethylphenol	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:37 PM
2,4-Dinitrophenol	<0.00400	0.000200	0.00400		mg/L	1	06/22/11 09:37 PM
2,4-Dinitrotoluene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
2,6-Dinitrotoluene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
2-Chloronaphthalene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
2-Chlorophenol	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
2-Methylnaphthalene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
2-Methylphenol	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
2-Nitroaniline	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
2-Nitrophenol	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:37 PM
3,3'-Dichlorobenzidine	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:37 PM
3-Nitroaniline	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
4,6-Dinitro-2-methylphenol	<0.00200	0.000200	0.00200		mg/L	1	06/22/11 09:37 PM
4-Bromophenyl phenyl ether	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
4-Chloro-3-methylphenol	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
4-Chloroaniline	<0.00200	0.000200	0.00200		mg/L	1	06/22/11 09:37 PM
4-Chlorophenyl phenyl ether	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
4-Methylphenol	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
4-Nitroaniline	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:37 PM
4-Nitrophenol	<0.00400	0.000400	0.00400	UJL-LCS	mg/L	1	06/22/11 09:37 PM
Acenaphthene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
Acenaphthylene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
Acetophenone	0.000240	0.000200	0.000800	J	mg/L	1	06/22/11 09:37 PM
Anthracene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
Atrazine	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
Benzaldehyde	<0.000800	0.000400	0.000800	N	mg/L	1	06/22/11 09:37 PM
Benzo[a]anthracene	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:37 PM
Benzo[a]pyrene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
Benzo[b]fluoranthene	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:37 PM
Benzo[g,h,i]perylene	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:37 PM
Benzo[k]fluoranthene	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:37 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 07/06/11

CLIENT: Weston Solutions, Inc.
Project: Encycle
Project No: 02444.019.005.0072
Lab Order: 1106136

Client Sample ID: ER-061711
Lab ID: 1106136-15
Collection Date: 06/17/11 01:04 PM
Matrix: Equip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzoic acid	0.00228	0.00200	0.00600	J	mg/L	1	06/22/11 09:37 PM
Benzyl alcohol	<0.00200	0.000200	0.00200		mg/L	1	06/22/11 09:37 PM
Biphenyl	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
Bis(2-chloroethoxy)methane	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
Bis(2-chloroethyl)ether	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
Bis(2-chloroisopropyl)ether	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
Bis(2-ethylhexyl)phthalate	<0.00300	0.00100	0.00300		mg/L	1	06/22/11 09:37 PM
Butyl benzyl phthalate	<0.00600	0.00200	0.00600		mg/L	1	06/22/11 09:37 PM
Caprolactam	<0.000800	0.000200	0.000800	VJL-LCS	mg/L	1	06/22/11 09:37 PM ECS
Carbazole	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
Chrysene	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:37 PM
Di-n-butyl phthalate	<0.00600	0.00200	0.00600		mg/L	1	06/22/11 09:37 PM
Di-n-octyl phthalate	<0.00600	0.00200	0.00600		mg/L	1	06/22/11 09:37 PM
Dibenz[a,h]anthracene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
Dibenzofuran	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
Diethyl phthalate	<0.00600	0.00200	0.00600		mg/L	1	06/22/11 09:37 PM
Dimethyl phthalate	<0.00600	0.00200	0.00600		mg/L	1	06/22/11 09:37 PM
Fluoranthene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
Fluorene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
Hexachlorobenzene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
Hexachlorobutadiene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
Hexachlorocyclopentadiene	<0.00200	0.000400	0.00200		mg/L	1	06/22/11 09:37 PM
Hexachloroethane	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
Indeno[1,2,3-cd]pyrene	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:37 PM
Isophorone	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
N-Nitrosodi-n-propylamine	<0.000800	0.000100	0.000800		mg/L	1	06/22/11 09:37 PM
N-Nitrosodiphenylamine	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
Naphthalene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
Nitrobenzene	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:37 PM
Pentachlorophenol	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:37 PM
Phenanthrene	<0.000800	0.000200	0.000800		mg/L	1	06/22/11 09:37 PM
Phenol	<0.000800	0.000400	0.000800	VJL-LCS	mg/L	1	06/22/11 09:37 PM ECS
Pyrene	<0.000800	0.000400	0.000800		mg/L	1	06/22/11 09:37 PM
Surr: 2,4,6-Tribromophenol	98.0	0	42 - 124		%REC	1	06/22/11 09:37 PM
Surr: 2-Fluorobiphenyl	91.5	0	48 - 120		%REC	1	06/22/11 09:37 PM
Surr: 2-Fluorophenol	65.0	0	20 - 120		%REC	1	06/22/11 09:37 PM
Surr: 4-Terphenyl-d14	112	0	51 - 135		%REC	1	06/22/11 09:37 PM
Surr: Nitrobenzene-d5	90.2	0	41 - 120		%REC	1	06/22/11 09:37 PM
Surr: Phenol-d6	39.5	0	20 - 120		%REC	1	06/22/11 09:37 PM

NKT 7-6-11

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GC16_110623A

Sample ID:	LCS-46847	Batch ID:	46847	TestNo:	SW8082A	Units:	mg/L
SampType:	LCS	Run ID:	GC16_110623A	Analysis Date:	06/24/11 01:35 AM	Prep Date:	06/21/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	0.00430	0.000250	0.00500	0	86.0	53	113			
Aroclor 1260	0.00501	0.000250	0.00500	0	100	37	131			
Surr: Decachlorobiphenyl	0.465		0.5000		93.0	42	133			
Surr: Tetrachloro-m-xylene	0.384		0.5000		76.7	25	140			

Sample ID:	MB-46847	Batch ID:	46847	TestNo:	SW8082A	Units:	mg/L
SampType:	MBLK	Run ID:	GC16_110623A	Analysis Date:	06/24/11 02:02 AM	Prep Date:	06/21/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	<0.000250	0.000250								
Aroclor 1221	<0.000250	0.000250								
Aroclor 1232	<0.000250	0.000250								
Aroclor 1242	<0.000250	0.000250								
Aroclor 1248	<0.000250	0.000250								
Aroclor 1254	<0.000250	0.000250								
Aroclor 1260	<0.000250	0.000250								
Surr: Decachlorobiphenyl	0.424		0.5000		84.9	42	133			
Surr: Tetrachloro-m-xylene	0.333		0.5000		66.5	25	140			

Sample ID:	1106121-05FMS	Batch ID:	46847	TestNo:	SW8082A	Units:	mg/L
SampType:	MS	Run ID:	GC16_110623A	Analysis Date:	06/24/11 07:44 AM	Prep Date:	06/21/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	0.00404	0.000250	0.00500	0	80.8	53	113			
Aroclor 1260	0.00481	0.000250	0.00500	0	96.2	37	131			
Surr: Decachlorobiphenyl	0.382		0.5000		76.5	42	133			
Surr: Tetrachloro-m-xylene	0.353		0.5000		70.5	25	140			

Sample ID:	1106121-05FMSD	Batch ID:	46847	TestNo:	SW8082A	Units:	mg/L
SampType:	MSD	Run ID:	GC16_110623A	Analysis Date:	06/24/11 08:10 AM	Prep Date:	06/21/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	0.00463	0.000250	0.00500	0	92.5	53	113	13.5	30	
Aroclor 1260	0.00523	0.000250	0.00500	0	105	37	131	8.30	30	
Surr: Decachlorobiphenyl	0.439		0.5000		87.8	42	133	0	0	
Surr: Tetrachloro-m-xylene	0.442		0.5000		88.3	25	140	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GC16_110623A

Sample ID:	ICV-110623	Batch ID:	R55499	TestNo:	SW8082A	Units:	mg/L
SampType:	ICV	Run ID:	GC16_110623A	Analysis Date:	06/24/11 01:09 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	2.28	0.000250	2.00	0	114	80	120			
Aroclor 1260	2.35	0.000250	2.00	0	117	80	120			
Surr: Decachlorobiphenyl	198		200.0		98.8	80	120			
Surr: Tetrachloro-m-xylene	193		200.0		96.5	80	120			

Sample ID:	CCV1-110623	Batch ID:	R55499	TestNo:	SW8082A	Units:	mg/L
SampType:	CCV	Run ID:	GC16_110623A	Analysis Date:	06/24/11 06:52 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	1.05	0.000250	1.00	0	105	80	120			
Aroclor 1260	1.10	0.000250	1.00	0	110	80	120			
Surr: Decachlorobiphenyl	86.8		100.0		86.8	80	120			
Surr: Tetrachloro-m-xylene	87.6		100.0		87.6	80	120			

Sample ID:	CCV2-110623	Batch ID:	R55499	TestNo:	SW8082A	Units:	mg/L
SampType:	CCV	Run ID:	GC16_110623A	Analysis Date:	06/24/11 08:36 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	0.932	0.000250	1.00	0	93.2	80	120			
Aroclor 1260	1.03	0.000250	1.00	0	103	80	120			
Surr: Decachlorobiphenyl	100		100.0		100	80	120			
Surr: Tetrachloro-m-xylene	104		100.0		104	80	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GC16_110624B

Sample ID:	LCS-46881	Batch ID:	46881	TestNo:	SW8082A	Units:	mg/Kg
SampType:	LCS	Run ID:	GC16_110624B	Analysis Date:	06/24/11 11:28 AM	Prep Date:	06/22/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	0.692	0.100	1.000	0	69.2	41	138			
Aroclor 1260	0.752	0.100	1.000	0	75.2	61	131			
Surr: Decachlorobiphenyl	0.0854		0.1000		85.4	58	125			
Surr: Tetrachloro-m-xylene	0.0781		0.1000		78.1	40	130			

Sample ID:	MB-46881	Batch ID:	46881	TestNo:	SW8082A	Units:	mg/Kg
SampType:	MBLK	Run ID:	GC16_110624B	Analysis Date:	06/24/11 12:27 PM	Prep Date:	06/22/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	<0.100	0.100								
Aroclor 1221	<0.100	0.100								
Aroclor 1232	<0.100	0.100								
Aroclor 1242	<0.100	0.100								
Aroclor 1248	<0.100	0.100								
Aroclor 1254	<0.100	0.100								
Aroclor 1260	<0.100	0.100								
Aroclor 1268	<0.100	0.100								N
Surr: Decachlorobiphenyl	0.0695		0.1000		69.5	58	125			
Surr: Tetrachloro-m-xylene	0.0636		0.1000		63.6	40	130			

Sample ID:	1106136-03AMS	Batch ID:	46881	TestNo:	SW8082A	Units:	mg/Kg
SampType:	MS	Run ID:	GC16_110624B	Analysis Date:	06/24/11 05:24 PM	Prep Date:	06/22/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	0.566	0.962	0.9615	0	58.9	41	138			
Aroclor 1260	0.987	0.962	0.9615	0	103	61	131			
Surr: Decachlorobiphenyl	0.246		0.09615		256	58	125			S
Surr: Tetrachloro-m-xylene	0.0586		0.09615		60.9	40	130			

Sample ID:	1106136-03AMSD	Batch ID:	46881	TestNo:	SW8082A	Units:	mg/Kg
SampType:	MSD	Run ID:	GC16_110624B	Analysis Date:	06/24/11 05:50 PM	Prep Date:	06/22/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	0.432	0.950	0.9497	0	45.5	41	138	26.8	50	
Aroclor 1260	0.682	0.950	0.9497	0	71 8	61	131	36.6	50	
Surr: Decachlorobiphenyl	0.170		0.09497		179	58	125	0		S
Surr: Tetrachloro-m-xylene	0.0424		0.09497		44.7	40	130	0		

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GC16_110624B

Sample ID:	ICV-110624	Batch ID:	R55608	TestNo:	SW8082A	Units:	mg/Kg
SampType:	ICV	Run ID:	GC16_110624B	Analysis Date:	06/24/11 10:57 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	1.87	0.100	2.000	0	93.3	80	120			
Aroclor 1260	2.02	0.100	2.000	0	101	80	120			
Surr: Decachlorobiphenyl	0.212		0.2000		106	65	120			
Surr: Tetrachloro-m-xylene	0.232		0.2000		116	65	120			

Sample ID:	CCV1-110624	Batch ID:	R55608	TestNo:	SW8082A	Units:	mg/Kg
SampType:	CCV	Run ID:	GC16_110624B	Analysis Date:	06/24/11 04:29 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	0.986	0.100	1.000	0	98.6	80	120			
Aroclor 1260	1.04	0.100	1.000	0	104	80	120			
Surr. Decachlorobiphenyl	0.0879		0.1000		87.9	65	120			
Surr: Tetrachloro-m-xylene	0.0920		0.1000		92.0	65	120			

Sample ID:	CCV1-110624 1268	Batch ID:	R55608	TestNo:	SW8082A	Units:	mg/Kg
SampType:	CCV	Run ID:	GC16_110624B	Analysis Date:	06/24/11 04:55 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1268	0.907	0.100	1.000	0	90.7	80	120			N
Surr: Decachlorobiphenyl	0.0955		0.1000		95.5	65	120			
Surr: Tetrachloro-m-xylene	0.0820		0.1000		82.0	65	120			

Sample ID:	CCV2-110624	Batch ID:	R55608	TestNo:	SW8082A	Units:	mg/Kg
SampType:	CCV	Run ID:	GC16_110624B	Analysis Date:	06/24/11 10:13 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	0.932	0.100	1.000	0	93.2	80	120			
Aroclor 1260	1.02	0.100	1.000	0	102	80	120			
Surr: Decachlorobiphenyl	0.0952		0.1000		95.2	65	120			
Surr: Tetrachloro-m-xylene	0.0874		0.1000		87.4	65	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GC16_110629A

Sample ID:	LCS-46988	Batch ID:	46988	TestNo:	SW8082A	Units:	mg/Kg
SampType:	LCS	Run ID:	GC16_110629A	Analysis Date:	06/29/11 11:49 AM	Prep Date:	06/28/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	0.732	0.100	1.000	0	73.2	41	138			
Aroclor 1260	0.713	0.100	1.000	0	71.3	61	131			
Surr: Decachlorobiphenyl	0.0747		0.1000		74.7	58	125			
Surr: Tetrachloro-m-xylene	0.0717		0.1000		71.7	40	130			

Sample ID:	MB-46988	Batch ID:	46988	TestNo:	SW8082A	Units:	mg/Kg
SampType:	MBLK	Run ID:	GC16_110629A	Analysis Date:	06/29/11 12:19 PM	Prep Date:	06/28/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	<0.100	0.100								
Aroclor 1221	<0.100	0.100								
Aroclor 1232	<0.100	0.100								
Aroclor 1242	<0.100	0.100								
Aroclor 1248	<0.100	0.100								
Aroclor 1254	<0.100	0.100								
Aroclor 1260	<0.100	0.100								
Aroclor 1268	<0.100	0.100								N
Surr: Decachlorobiphenyl	0.0654		0.1000		65.4	58	125			
Surr: Tetrachloro-m-xylene	0.0702		0.1000		70.2	40	130			

Sample ID:	1106136-09AMS	Batch ID:	46988	TestNo:	SW8082A	Units:	mg/Kg-dry
SampType:	MS	Run ID:	GC16_110629A	Analysis Date:	06/29/11 02:03 PM	Prep Date:	06/28/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	0.973	0.116	1.163	0	83.7	41	138			
Aroclor 1260	0.927	0.116	1.163	0	79.7	61	131			
Surr: Decachlorobiphenyl	0.0712		0.1163		61.2	58	125			
Surr: Tetrachloro-m-xylene	0.0773		0.1163		66.5	40	130			

Sample ID:	1106136-09AMSD	Batch ID:	46988	TestNo:	SW8082A	Units:	mg/Kg-dry
SampType:	MSD	Run ID:	GC16_110629A	Analysis Date:	06/29/11 02:30 PM	Prep Date:	06/28/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	1.03	0.121	1.207	0	85.4	41	138	5.78	50	
Aroclor 1260	1.02	0.121	1.207	0	84.4	61	131	9.38	50	
Surr: Decachlorobiphenyl	0.0677		0.1207		56.1	58	125	0		S
Surr: Tetrachloro-m-xylene	0.0741		0.1207		61.4	40	130	0		

Sample ID:	1106136-11AMS	Batch ID:	46988	TestNo:	SW8082A	Units:	mg/Kg-dry
SampType:	MS	Run ID:	GC16_110629A	Analysis Date:	06/29/11 03:22 PM	Prep Date:	06/28/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	3.56	0.445	4.450	0	80.0	41	138			
Aroclor 1260	3.32	0.445	4.450	0	74.5	61	131			
Surr: Decachlorobiphenyl	0.287		0.4450		64.4	58	125			
Surr: Tetrachloro-m-xylene	0.314		0.4450		70.7	40	130			

Sample ID:	1106136-11AMSD	Batch ID:	46988	TestNo:	SW8082A	Units:	mg/Kg-dry

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GC16_110629A

SampType: MSD	Run ID:	GC16_110629A		Analysis Date:		06/29/11 03:48 PM		Prep Date:		06/28/11
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	3.43	0.435	4.349	0	78.8	41	138	3.85	50	
Aroclor 1260	2.92	0.435	4.349	0	67.2	61	131	12.7	50	
Surr: Decachlorobiphenyl	0.248		0.4349		57.1	58	125	0		S
Surr: Tetrachloro-m-xylene	0.267		0.4349		61.3	40	130	0		

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GC16_110629A

Sample ID:	ICV-110629 1268	Batch ID:	R55609	TestNo:	SW8082A	Units:	mg/Kg
SampType:	ICV	Run ID:	GC16_110629A	Analysis Date:	06/29/11 10:53 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1268	1.99	0.100	2.000	0	99.6	80	120			N
Surr Decachlorobiphenyl	0.203		0.2000		102	65	120			
Surr: Tetrachloro-m-xylene	0.210		0.2000		105	65	120			

Sample ID:	ICV-110629	Batch ID:	R55609	TestNo:	SW8082A	Units:	mg/Kg
SampType:	ICV	Run ID:	GC16_110629A	Analysis Date:	06/29/11 11:19 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	2.09	0.100	2.000	0	104	80	120			
Aroclor 1260	2.02	0.100	2.000	0	101	80	120			
Surr: Decachlorobiphenyl	0.202		0.2000		101	65	120			
Surr: Tetrachloro-m-xylene	0.206		0.2000		103	65	120			

Sample ID:	CCV1-110629	Batch ID:	R55609	TestNo:	SW8082A	Units:	mg/Kg
SampType:	CCV	Run ID:	GC16_110629A	Analysis Date:	06/29/11 04:14 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	0.975	0.100	1.000	0	97.5	80	120			
Aroclor 1260	0.933	0.100	1.000	0	93.3	80	120			
Surr: Decachlorobiphenyl	0.0945		0.1000		94.5	65	120			
Surr: Tetrachloro-m-xylene	0.0973		0.1000		97.3	65	120			

Sample ID:	CCV1-110629 1268	Batch ID:	R55609	TestNo:	SW8082A	Units:	mg/Kg
SampType:	CCV	Run ID:	GC16_110629A	Analysis Date:	06/29/11 04:42 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1268	0.817	0.100	1.000	0	81.7	80	120			N
Surr: Decachlorobiphenyl	0.0852		0.1000		85.2	65	120			
Surr: Tetrachloro-m-xylene	0.0780		0.1000		78.0	65	120			

Sample ID:	CCV2-110629	Batch ID:	R55609	TestNo:	SW8082A	Units:	mg/Kg
SampType:	CCV	Run ID:	GC16_110629A	Analysis Date:	06/29/11 09:59 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	1.01	0.100	1.000	0	101	80	120			
Aroclor 1260	0.925	0.100	1.000	0	92.5	80	120			
Surr: Decachlorobiphenyl	0.0773		0.1000		77.3	65	120			
Surr: Tetrachloro-m-xylene	0.0976		0.1000		97.6	65	120			

Sample ID:	CCV2-110629 1268	Batch ID:	R55609	TestNo:	SW8082A	Units:	mg/Kg
SampType:	CCV	Run ID:	GC16_110629A	Analysis Date:	06/29/11 10:25 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1268	0.826	0.100	1.000	0	82.6	80	120			N
Surr: Decachlorobiphenyl	0.0817		0.1000		81.7	65	120			
Surr: Tetrachloro-m-xylene	0.0946		0.1000		94.6	65	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GC16_110630A

Sample ID:	SYS BLANK-46988	**Batch ID:**	46988		**TestNo:**		SW8082A		**Units:**		mg/Kg
SampType:	MBLK	**Run ID:**	GC16_110630A		**Analysis Date:**		06/30/11 05:20 PM		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Aroclor 1016		<0.100	0.100								
Aroclor 1221		<0.100	0.100								
Aroclor 1232		<0.100	0.100								
Aroclor 1242		<0.100	0.100								
Aroclor 1248		<0.100	0.100								
Aroclor 1254		<0.100	0.100								
Aroclor 1260		<0.100	0.100								
Aroclor 1268		<0.100	0.100								N

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GC16_110630A

Sample ID:	LCS-47028	Batch ID:	47028	TestNo:	SW8082A	Units:	mg/Kg
SampType:	LCS	Run ID:	GC16_110630A	Analysis Date:	06/30/11 11:43 PM	Prep Date:	06/30/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	0.821	0.100	1.000	0	82.1	41	138			
Aroclor 1260	0.847	0.100	1.000	0	84.7	61	131			
Surr: Decachlorobiphenyl	0.0827		0 1000		82.7	58	125			
Surr: Tetrachloro-m-xylene	0.0826		0.1000		82.6	40	130			

Sample ID:	MB-47028	Batch ID:	47028	TestNo:	SW8082A	Units:	mg/Kg
SampType:	MBLK	Run ID:	GC16_110630A	Analysis Date:	07/01/11 12:09 AM	Prep Date:	06/30/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	<0.100	0.100								
Aroclor 1221	<0.100	0.100								
Aroclor 1232	<0.100	0.100								
Aroclor 1242	<0.100	0.100								
Aroclor 1248	<0.100	0.100								
Aroclor 1254	<0.100	0.100								
Aroclor 1260	<0.100	0.100								
Aroclor 1268	<0.100	0.100								N
Surr: Decachlorobiphenyl	0.0666		0.1000		66.6	58	125			
Surr: Tetrachloro-m-xylene	0.0718		0.1000		71.8	40	130			

Sample ID:	1106136-06AMS	Batch ID:	47028	TestNo:	SW8082A	Units:	mg/Kg-dry
SampType:	MS	Run ID:	GC16_110630A	Analysis Date:	07/01/11 10:06 AM	Prep Date:	06/30/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	0.246	0.125	1.248	0	19.7	41	138			S
Aroclor 1260	0.238	0.125	1.248	0	19.1	61	131			S
Surr: Decachlorobiphenyl	0.0655		0.1248		52.5	58	125			S
Surr: Tetrachloro-m-xylene	0.0322		0.1248		25.8	40	130			S

Sample ID:	1106136-06AMSD	Batch ID:	47028	TestNo:	SW8082A	Units:	mg/Kg-dry
SampType:	MSD	Run ID:	GC16_110630A	Analysis Date:	07/01/11 10:33 AM	Prep Date:	06/30/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	0.242	0.120	1.198	0	20.2	41	138	1.36	50	S
Aroclor 1260	0.235	0.120	1.198	0	19.6	61	131	1.36	50	S
Surr: Decachlorobiphenyl	0.0643		0.1198		53.6	58	125	0		S
Surr: Tetrachloro-m-xylene	0.0322		0.1198		26.8	40	130	0		S

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GC16_110630A

Sample ID:	ICV-110630	Batch ID:	R55624	TestNo:	SW8082A	Units:	mg/Kg
SampType:	ICV	Run ID:	GC16_110630A	Analysis Date:	06/30/11 04:20 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	1.73	0.100	2.000	0	86.7	80	120			
Aroclor 1260	1.86	0.100	2.000	0	93.1	80	120			
Surr: Decachlorobiphenyl	0.200		0.2000		100	65	120			
Surr: Tetrachloro-m-xylene	0.174		0.2000		86.9	65	120			

Sample ID:	ICV-110629 1268	Batch ID:	R55624	TestNo:	SW8082A	Units:	mg/Kg
SampType:	ICV	Run ID:	GC16_110630A	Analysis Date:	06/30/11 04:46 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1268	1.77	0.100	2.000	0	88.6	80	120			N
Surr: Decachlorobiphenyl	0.192		0.2000		95.9	65	120			
Surr: Tetrachloro-m-xylene	0.160		0.2000		79.9	65	120			

Sample ID:	CCV1-110630 1268	Batch ID:	R55624	TestNo:	SW8082A	Units:	mg/Kg
SampType:	CCV	Run ID:	GC16_110630A	Analysis Date:	06/30/11 10:48 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1268	0.866	0.100	1.000	0	86.6	80	120			N
Surr: Decachlorobiphenyl	0.0884		0.1000		88.4	65	120			
Surr: Tetrachloro-m-xylene	0.0869		0.1000		86.9	65	120			

Sample ID:	CCV1-110630	Batch ID:	R55624	TestNo:	SW8082A	Units:	mg/Kg
SampType:	CCV	Run ID:	GC16_110630A	Analysis Date:	06/30/11 11:14 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	0.990	0.100	1.000	0	99.0	80	120			
Aroclor 1260	1.02	0.100	1.000	0	102	80	120			
Surr: Decachlorobiphenyl	0.0957		0.1000		95.7	65	120			
Surr: Tetrachloro-m-xylene	0.0972		0.1000		97.2	65	120			

Sample ID:	CCV2-110630	Batch ID:	R55624	TestNo:	SW8082A	Units:	mg/Kg
SampType:	CCV	Run ID:	GC16_110630A	Analysis Date:	07/01/11 05:50 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	0.827	0.100	1.000	0	82.7	80	120			
Aroclor 1260	0.855	0.100	1.000	0	85.5	80	120			
Surr: Decachlorobiphenyl	0.0811		0.1000		81.1	65	120			
Surr: Tetrachloro-m-xylene	0.0817		0.1000		81.7	65	120			

Sample ID:	CCV2-110630 1268	Batch ID:	R55624	TestNo:	SW8082A	Units:	mg/Kg
SampType:	CCV	Run ID:	GC16_110630A	Analysis Date:	07/01/11 09:12 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1268	0.825	0.100	1.000	0	82.5	80	120			N
Surr: Decachlorobiphenyl	0.0958		0.1000		95.8	65	120			
Surr: Tetrachloro-m-xylene	0.0742		0.1000		74.2	65	120			

Sample ID:	CCV3-110630	Batch ID:	R55624	TestNo:	SW8082A	Units:	mg/Kg
SampType:	CCV	Run ID:	GC16_110630A	Analysis Date:	07/01/11 11:25 AM	Prep Date:	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GC16_110630A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Aroclor 1016	0.863	0.100	1.000	0	86.3	80	120			
Aroclor 1260	0.897	0.100	1.000	0	89.7	80	120			
Surr: Decachlorobiphenyl	0.0843		0.1000		84.3	65	120			
Surr: Tetrachloro-m-xylene	0.0845		0.1000		84.5	65	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110622A

Sample ID:	LCS-46871	Batch ID:	46871	TestNo:	SW8270D	Units:	mg/L
SampType:	LCS	Run ID:	GCMS9_110622A	Analysis Date:	06/22/11 03:17 PM	Prep Date:	06/21/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	0.00840	0.000800	0.00800	0	105	49	120			
2,4,6-Trichlorophenol	0.00828	0.000800	0.00800	0	104	49	126			
2,4-Dichlorophenol	0.00820	0.000800	0.00800	0	103	48	120			
2,4-Dimethylphenol	0.00748	0.000800	0.00800	0	93.5	28	120			
2,4-Dinitrophenol	0.00812	0.00400	0.00800	0	102	25	130			
2,4-Dinitrotoluene	0.00796	0.000800	0.00800	0	99.5	51	120			
2,6-Dinitrotoluene	0.00808	0.000800	0.00800	0	101	49	120			
2-Chloronaphthalene	0.00744	0.000800	0.00800	0	93.0	49	120			
2-Chlorophenol	0.00756	0.000800	0.00800	0	94.5	37	120			
2-Methylnaphthalene	0.00736	0.000800	0.00800	0	92.0	46	120			
2-Methylphenol	0.00784	0.000800	0.00800	0	98.0	38	120			
2-Nitroaniline	0.00772	0.000800	0.00800	0	96.5	48	120			
2-Nitrophenol	0.00840	0.000800	0.00800	0	105	39	123			
3,3'-Dichlorobenzidine	0.00728	0.000800	0.00800	0	91.0	20	120			
3-Nitroaniline	0.00724	0.000800	0.00800	0	90.5	20	126			
4,6-Dinitro-2-methylphenol	0.00784	0.00200	0.00800	0	98.0	40	130			
4-Bromophenyl phenyl ether	0.00820	0.000800	0.00800	0	103	52	120			
4-Chloro-3-methylphenol	0.00760	0.000800	0.00800	0	95.0	47	120			
4-Chloroaniline	0.00528	0.00200	0.00800	0	66.0	20	120			
4-Chlorophenyl phenyl ether	0.00760	0.000800	0.00800	0	95.0	50	120			
4-Methylphenol	0.00716	0.000800	0.00800	0	89.5	32	120			
4-Nitroaniline	0.00748	0.000800	0.00800	0	93.5	36	120			
4-Nitrophenol	0.00396	0.00400	0.00800	0	49.5	20	120			
Acenaphthene	0.00744	0.000800	0.00800	0	93.0	47	120			
Acenaphthylene	0.00792	0.000800	0.00800	0	99.0	60	120			
Acetophenone	0.00624	0.000800	0.00800	0	78.0	45	125			
Anthracene	0.00792	0.000800	0.00800	0	99.0	54	120			
Atrazine	0.00616	0.000800	0.00800	0	77.0	45	125			
Benzaldehyde	0.00668	0.000800	0.00800	0	83.5	45	125			N
Benzo[a]anthracene	0.00688	0.000800	0.00800	0	86.0	68	118			
Benzo[a]pyrene	0.00812	0.000800	0.00800	0	102	53	120			
Benzo[b]fluoranthene	0.00856	0.000800	0.00800	0	107	45	124			
Benzo[g,h,i]perylene	0.00832	0.000800	0.00800	0	104	38	123			
Benzo[k]fluoranthene	0.00612	0.000800	0.00800	0	76.5	45	124			
Benzoic acid	0.00616	0.00600	0.00800	0	77.0	20	120			
Benzyl alcohol	0.00620	0.00200	0.00800	0	77.5	30	120			
Biphenyl	0.00596	0.000800	0.00800	0	74.5	45	125			
Bis(2-chloroethoxy)methane	0.00760	0.000800	0.00800	0	95.0	46	120			
Bis(2-chloroethyl)ether	0.00656	0.000800	0.00800	0	82.0	37	120			
Bis(2-chloroisopropyl)ether	0.00628	0.000800	0.00800	0	78.5	26	131			
Bis(2-ethylhexyl)phthalate	0.00804	0.00300	0.00800	0	101	42	126			
Butyl benzyl phthalate	0.00740	0.00600	0.00800	0	92.5	46	120			
Caprolactam	0.00200	0.000800	0.00800	0	25.0	20	125			
Carbazole	0.00804	0.000800	0.00800	0	101	26	125			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110622A

Chrysene	0.00652	0.000800	0.00800	0	81.5	55	120
Di-n-butyl phthalate	0.00876	0.00600	0.00800	0	110	54	120
Di-n-octyl phthalate	0.00908	0.00600	0.00800	0	114	37	137
Dibenz[a,h]anthracene	0.00908	0.000800	0.00800	0	114	42	127
Dibenzofuran	0.00732	0.000800	0.00800	0	91.5	54	120
Diethyl phthalate	0.00756	0.00600	0.00800	0	94.5	41	120
Dimethyl phthalate	0.00776	0.00600	0.00800	0	97.0	25	127
Fluoranthene	0.00896	0.000800	0.00800	0	112	54	120
Fluorene	0.00768	0.000800	0.00800	0	96.0	50	120
Hexachlorobenzene	0.00780	0.000800	0.00800	0	97.5	52	120
Hexachlorobutadiene	0.00628	0.000800	0.00800	0	78.5	27	120
Hexachlorocyclopentadiene	0.00620	0.00200	0.00800	0	77.5	41	125
Hexachloroethane	0.00616	0.000800	0.00800	0	77.0	28	120
Indeno[1,2,3-cd]pyrene	0.00884	0.000800	0.00800	0	110	43	125
Isophorone	0.00772	0.000800	0.00800	0	96.5	50	120
N-Nitrosodi-n-propylamine	0.00720	0.000800	0.00800	0	90.0	34	128
N-Nitrosodiphenylamine	0.00824	0.000800	0.00800	0	103	48	120
Naphthalene	0.00708	0.000800	0.00800	0	88.5	39	120
Nitrobenzene	0.00696	0.000800	0.00800	0	87.0	44	120
Pentachlorophenol	0.00684	0.000800	0.00800	0	85.5	38	120
Phenanthrene	0.00764	0.000800	0.00800	0	95.5	51	120
Phenol	0.00404	0.000800	0.00800	0	50.5	20	120
Pyrene	0.00680	0.000800	0.00800	0	85.0	49	128
Surr: 2,4,6-Tribromophenol	17.1		16.00		107	42	124
Surr: 2-Fluorobiphenyl	15.8		16.00		98.8	48	120
Surr: 2-Fluorophenol	12.8		16.00		80.0	20	120
Surr: 4-Terphenyl-d14	16.2		16.00		102	51	135
Surr: Nitrobenzene-d5	15.3		16.00		95.8	41	120
Surr: Phenol-d6	8.36		16.00		52.2	20	120

Sample ID: 1106121-05EMS	**Batch ID:** 46871	**TestNo:**	SW8270D	**Units:**	mg/L		
SampType: MS	**Run ID:** GCMS9_110622A	**Analysis Date:**	06/22/11 04:03 PM	**Prep Date:**	06/21/11		
Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
2,4,5-Trichlorophenol	0.00824	0.000800	0.00800	0	103	49	120			
2,4,6-Trichlorophenol	0.00804	0.000800	0.00800	0	101	49	126			
2,4-Dichlorophenol	0.00796	0.000800	0.00800	0	99.5	48	120			
2,4-Dimethylphenol	0.00716	0.000800	0.00800	0	89.5	28	120			
2,4-Dinitrophenol	0.00788	0.00400	0.00800	0	98.5	25	130			
2,4-Dinitrotoluene	0.00816	0.000800	0.00800	0	102	51	120			
2,6-Dinitrotoluene	0.00812	0.000800	0.00800	0	102	49	120			
2-Chloronaphthalene	0.00764	0.000800	0.00800	0	95.5	49	120			
2-Chlorophenol	0.00736	0.000800	0.00800	0	92.0	37	120			
2-Methylnaphthalene	0.00744	0.000800	0.00800	0	93.0	46	120			
2-Methylphenol	0.00736	0.000800	0.00800	0	92.0	38	120			
2-Nitroaniline	0.00788	0.000800	0.00800	0	98.5	48	120			
2-Nitrophenol	0.00824	0.000800	0.00800	0	103	39	123			
3,3'-Dichlorobenzidine	0.00708	0.000800	0.00800	0	88.5	20	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110622A

3-Nitroaniline	0.00684	0.000800	0.00800	0	85.5	20	126	
4,6-Dinitro-2-methylphenol	0.00772	0.00200	0.00800	0	96.5	40	130	
4-Bromophenyl phenyl ether	0.00836	0.000800	0.00800	0	104	52	120	
4-Chloro-3-methylphenol	0.00728	0.000800	0.00800	0	91.0	47	120	
4-Chloroaniline	0.00520	0.00200	0.00800	0	65.0	20	120	
4-Chlorophenyl phenyl ether	0.00776	0.000800	0.00800	0	97.0	50	120	
4-Methylphenol	0.00660	0.000800	0.00800	0	82.5	32	120	
4-Nitroaniline	0.00772	0.000800	0.00800	0	96.5	36	120	
4-Nitrophenol	0.00352	0.00400	0.00800	0	44.0	20	120	
Acenaphthene	0.00748	0.000800	0.00800	0	93.5	47	120	
Acenaphthylene	0.00800	0.000800	0.00800	0	100	60	120	
Acetophenone	0.00620	0.000800	0.00800	0	77.5	45	125	
Anthracene	0.00820	0.000800	0.00800	0	103	54	120	
Atrazine	0.00616	0.000800	0.00800	0	77.0	45	125	
Benzaldehyde	0.00644	0.000800	0.00800	0	80.5	45	125	N
Benzo[a]anthracene	0.00780	0.000800	0.00800	0	97.5	68	118	
Benzo[a]pyrene	0.00888	0.000800	0.00800	0	111	53	120	
Benzo[b]fluoranthene	0.00972	0.000800	0.00800	0	122	45	124	
Benzo[g,h,i]perylene	0.00896	0.000800	0.00800	0	112	38	123	
Benzo[k]fluoranthene	0.00712	0.000800	0.00800	0	89.0	45	124	
Benzoic acid	0.0109	0.00600	0.00800	0	136	20	120	S
Benzyl alcohol	0.00596	0.00200	0.00800	0	74.5	30	120	
Biphenyl	0.00604	0.000800	0.00800	0	75.5	45	125	
Bis(2-chloroethoxy)methane	0.00784	0.000800	0.00800	0	98.0	46	120	
Bis(2-chloroethyl)ether	0.00672	0.000800	0.00800	0	84.0	37	120	
Bis(2-chloroisopropyl)ether	0.00644	0.000800	0.00800	0	80.5	26	131	
Bis(2-ethylhexyl)phthalate	0.00880	0.00300	0.00800	0	110	42	126	
Butyl benzyl phthalate	0.00840	0.00600	0.00800	0	105	46	120	
Caprolactam	0.00176	0.000800	0.00800	0	22.0	20	125	
Carbazole	0.00832	0.000800	0.00800	0	104	26	125	
Chrysene	0.00748	0.000800	0.00800	0	93.5	55	120	
Di-n-butyl phthalate	0.00892	0.00600	0.00800	0	112	54	120	
Di-n-octyl phthalate	0.00980	0.00600	0.00800	0	123	37	137	
Dibenz[a,h]anthracene	0.00968	0.000800	0.00800	0	121	42	127	
Dibenzofuran	0.00740	0.000800	0.00800	0	92.5	54	120	
Diethyl phthalate	0.00772	0.00600	0.00800	0	96.5	41	120	
Dimethyl phthalate	0.00784	0.00600	0.00800	0	98.0	25	127	
Fluoranthene	0.00944	0.000800	0.00800	0	118	54	120	
Fluorene	0.00772	0.000800	0.00800	0	96.5	50	120	
Hexachlorobenzene	0.00788	0.000800	0.00800	0	98.5	52	120	
Hexachlorobutadiene	0.00644	0.000800	0.00800	0	80.5	27	120	
Hexachlorocyclopentadiene	0.00636	0.00200	0.00800	0	79.5	41	125	
Hexachloroethane	0.00640	0.000800	0.00800	0	80.0	28	120	
Indeno[1,2,3-cd]pyrene	0.00948	0.000800	0.00800	0	118	43	125	
Isophorone	0.00780	0.000800	0.00800	0	97.5	50	120	
N-Nitrosodi-n-propylamine	0.00732	0.000800	0.00800	0	91.5	34	128	
N-Nitrosodiphenylamine	0.00852	0.000800	0.00800	0	106	48	120	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110622A

Naphthalene	0.00728	0.000800	0.00800	0	91.0	39	120
Nitrobenzene	0.00716	0.000800	0.00800	0	89.5	44	120
Pentachlorophenol	0.00700	0.000800	0.00800	0	87.5	38	120
Phenanthrene	0.00780	0.000800	0.00800	0	97.5	51	120
Phenol	0.00368	0.000800	0.00800	0	46.0	20	120
Pyrene	0.00784	0.000800	0.00800	0	98.0	49	128
Surr: 2,4,6-Tribromophenol	16.5		16.00		103	42	124
Surr: 2-Fluorobiphenyl	15.4		16.00		96.5	48	120
Surr: 2-Fluorophenol	11.7		16.00		73.2	20	120
Surr: 4-Terphenyl-d14	17.7		16.00		111	51	135
Surr: Nitrobenzene-d5	15.0		16.00		94.0	41	120
Surr: Phenol-d6	7.44		16.00		46.5	20	120

Sample ID:	1106121-05EMSD	Batch ID:	46871	TestNo:	SW8270D	Units:	mg/L
SampType:	MSD	Run ID:	GCMS9_110622A	Analysis Date:	06/22/11 04:27 PM	Prep Date:	06/21/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	0.00756	0.000800	0.00800	0	94.5	49	120	8.61	20	
2,4,6-Trichlorophenol	0.00736	0.000800	0.00800	0	92.0	49	126	8.83	20	
2,4-Dichlorophenol	0.00708	0.000800	0.00800	0	88.5	48	120	11.7	20	
2,4-Dimethylphenol	0.00640	0.000800	0.00800	0	80.0	28	120	11.2	20	
2,4-Dinitrophenol	0.00720	0.00400	0.00800	0	90.0	25	130	9.02	20	
2,4-Dinitrotoluene	0.00740	0.000800	0.00800	0	92.5	51	120	9.77	20	
2,6-Dinitrotoluene	0.00724	0.000800	0.00800	0	90.5	49	120	11.5	20	
2-Chloronaphthalene	0.00680	0.000800	0.00800	0	85.0	49	120	11.6	20	
2-Chlorophenol	0.00656	0.000800	0.00800	0	82.0	37	120	11.5	20	
2-Methylnaphthalene	0.00676	0.000800	0.00800	0	84.5	46	120	9.58	20	
2-Methylphenol	0.00656	0.000800	0.00800	0	82.0	38	120	11.5	20	
2-Nitroaniline	0.00712	0.000800	0.00800	0	89.0	48	120	10.1	20	
2-Nitrophenol	0.00744	0.000800	0.00800	0	93.0	39	123	10.2	20	
3,3'-Dichlorobenzidine	0.00612	0.000800	0.00800	0	76.5	20	120	14.5	20	
3-Nitroaniline	0.00624	0.000800	0.00800	0	78.0	20	126	9.17	20	
4,6-Dinitro-2-methylphenol	0.00700	0.00200	0.00800	0	87.5	40	130	9.78	20	
4-Bromophenyl phenyl ether	0.00740	0.000800	0.00800	0	92.5	52	120	12.2	20	
4-Chloro-3-methylphenol	0.00668	0.000800	0.00800	0	83.5	47	120	8.60	20	
4-Chloroaniline	0.00456	0.00200	0.00800	0	57.0	20	120	13.1	20	
4-Chlorophenyl phenyl ether	0.00700	0.000800	0.00800	0	87.5	50	120	10.3	20	
4-Methylphenol	0.00592	0.000800	0.00800	0	74.0	32	120	10.9	20	
4-Nitroaniline	0.00700	0.000800	0.00800	0	87.5	36	120	9.78	20	
4-Nitrophenol	0.00312	0.00400	0.00800	0	39.0	20	120	12.0	20	
Acenaphthene	0.00676	0.000800	0.00800	0	84.5	47	120	10.1	20	
Acenaphthylene	0.00712	0.000800	0.00800	0	89.0	60	120	11.6	20	
Acetophenone	0.00548	0.000800	0.00800	0	68.5	45	125	12.3	20	
Anthracene	0.00732	0.000800	0.00800	0	91.5	54	120	11.3	20	
Atrazine	0.00544	0.000800	0.00800	0	68.0	45	125	12.4	20	
Benzaldehyde	0.00564	0.000800	0.00800	0	70.5	45	125	13.2	20	N
Benzo[a]anthracene	0.00708	0.000800	0.00800	0	88.5	68	118	9.68	20	
Benzo[a]pyrene	0.00808	0.000800	0.00800	0	101	53	120	9.43	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110622A

Benzo[b]fluoranthene	0.00856	0.000800	0.00800	0	107	45	124	12.7	20	
Benzo[g,h,i]perylene	0.00820	0.000800	0.00800	0	103	38	123	8.86	20	
Benzo[k]fluoranthene	0.00612	0.000800	0.00800	0	76.5	45	124	15.1	20	
Benzoic acid	0.0101	0.00600	0.00800	0	126	20	120	7.63	20	S
Benzyl alcohol	0.00532	0.00200	0.00800	0	66.5	30	120	11.3	20	
Biphenyl	0.00532	0.000800	0.00800	0	66.5	45	125	12.7	20	
Bis(2-chloroethoxy)methane	0.00696	0.000800	0.00800	0	87.0	46	120	11.9	20	
Bis(2-chloroethyl)ether	0.00600	0.000800	0.00800	0	75.0	37	120	11.3	20	
Bis(2-chloroisopropyl)ether	0.00572	0.000800	0.00800	0	71.5	26	131	11.8	20	
Bis(2-ethylhexyl)phthalate	0.00812	0.00300	0.00800	0	102	42	126	8.04	20	
Butyl benzyl phthalate	0.00768	0.00600	0.00800	0	96.0	46	120	8.96	20	
Caprolactam	0.00160	0.000800	0.00800	0	20.0	20	125	9.52	20	
Carbazole	0.00736	0.000800	0.00800	0	92.0	26	125	12.2	20	
Chrysene	0.00664	0.000800	0.00800	0	83.0	55	120	11.9	20	
Di-n-butyl phthalate	0.00796	0.00600	0.00800	0	99.5	54	120	11.4	20	
Di-n-octyl phthalate	0.00904	0.00600	0.00800	0	113	37	137	8.07	20	
Dibenz[a,h]anthracene	0.00892	0.000800	0.00800	0	112	42	127	8.17	20	
Dibenzofuran	0.00668	0.000800	0.00800	0	83.5	54	120	10.2	20	
Diethyl phthalate	0.00696	0.00600	0.00800	0	87.0	41	120	10.4	20	
Dimethyl phthalate	0.00704	0.00600	0.00800	0	88.0	25	127	10.8	20	
Fluoranthene	0.00848	0.000800	0.00800	0	106	54	120	10.7	20	
Fluorene	0.00692	0.000800	0.00800	0	86.5	50	120	10.9	20	
Hexachlorobenzene	0.00696	0.000800	0.00800	0	87.0	52	120	12.4	20	
Hexachlorobutadiene	0.00608	0.000800	0.00800	0	76.0	27	120	5.75	20	
Hexachlorocyclopentadiene	0.00596	0.00200	0.00800	0	74.5	41	125	6.49	20	
Hexachloroethane	0.00588	0.000800	0.00800	0	73.5	28	120	8.47	20	
Indeno[1,2,3-cd]pyrene	0.00884	0.000800	0.00800	0	110	43	125	6.99	20	
Isophorone	0.00692	0.000800	0.00800	0	86.5	50	120	12.0	20	
N-Nitrosodi-n-propylamine	0.00664	0.000800	0.00800	0	83.0	34	128	9.74	20	
N-Nitrosodiphenylamine	0.00756	0.000800	0.00800	0	94.5	48	120	11.9	20	
Naphthalene	0.00656	0.000800	0.00800	0	82.0	39	120	10.4	20	
Nitrobenzene	0.00640	0.000800	0.00800	0	80.0	44	120	11.2	20	
Pentachlorophenol	0.00644	0.000800	0.00800	0	80.5	38	120	8.33	20	
Phenanthrene	0.00692	0.000800	0.00800	0	86.5	51	120	12.0	20	
Phenol	0.00320	0.000800	0.00800	0	40.0	20	120	14.0	20	
Pyrene	0.00716	0.000800	0.00800	0	89.5	49	128	9.07	20	
Surr: 2,4,6-Tribromophenol	15.2		16.00		95.0	42	124	0	0	
Surr: 2-Fluorobiphenyl	14.0		16.00		87.5	48	120	0	0	
Surr: 2-Fluorophenol	10.3		16.00		64.5	20	120	0	0	
Surr: 4-Terphenyl-d14	16.2		16.00		102	51	135	0	0	
Surr: Nitrobenzene-d5	13.5		16.00		84.5	41	120	0	0	
Surr: Phenol-d6	6.48		16.00		40.5	20	120	0	0	

Sample ID:	MB-46871	Batch ID:	46871	TestNo:	SW8270D	Units:	mg/L
SampType:	MBLK	Run ID:	GCMS9_110622A	Analysis Date:	06/22/11 06:25 PM	Prep Date:	06/21/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	<0.000800	0.000800								

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110622A

2,4,6-Trichlorophenol	<0.000800	0.000800	
2,4-Dichlorophenol	<0.000800	0.000800	
2,4-Dimethylphenol	<0.000800	0.000800	
2,4-Dinitrophenol	<0.00400	0.00400	
2,4-Dinitrotoluene	<0.000800	0.000800	
2,6-Dinitrotoluene	<0.000800	0.000800	
2-Chloronaphthalene	<0.000800	0.000800	
2-Chlorophenol	<0.000800	0.000800	
2-Methylnaphthalene	<0.000800	0.000800	
2-Methylphenol	<0.000800	0.000800	
2-Nitroaniline	<0.000800	0.000800	
2-Nitrophenol	<0.000800	0.000800	
3,3'-Dichlorobenzidine	<0.000800	0.000800	
3-Nitroaniline	<0.000800	0.000800	
4,6-Dinitro-2-methylphenol	<0.00200	0.00200	
4-Bromophenyl phenyl ether	<0.000800	0.000800	
4-Chloro-3-methylphenol	<0.000800	0.000800	
4-Chloroaniline	<0.00200	0.00200	
4-Chlorophenyl phenyl ether	<0.000800	0.000800	
4-Methylphenol	<0.000800	0.000800	
4-Nitroaniline	<0.000800	0.000800	
4-Nitrophenol	<0.00400	0.00400	
Acenaphthene	<0.000800	0.000800	
Acenaphthylene	<0.000800	0.000800	
Acetophenone	<0.000800	0.000800	
Anthracene	<0.000800	0.000800	
Atrazine	<0.000800	0.000800	
Benzaldehyde	<0.000800	0.000800	N
Benzo[a]anthracene	<0.000800	0.000800	
Benzo[a]pyrene	<0.000800	0.000800	
Benzo[b]fluoranthene	<0.000800	0.000800	
Benzo[g,h,i]perylene	<0.000800	0.000800	
Benzo[k]fluoranthene	<0.000800	0.000800	
Benzoic acid	0.0166	0.00600	
Benzyl alcohol	<0.00200	0.00200	
Biphenyl	<0.000800	0.000800	
Bis(2-chloroethoxy)methane	<0.000800	0.000800	
Bis(2-chloroethyl)ether	<0.000800	0.000800	
Bis(2-chloroisopropyl)ether	<0.000800	0.000800	
Bis(2-ethylhexyl)phthalate	<0.00300	0.00300	
Butyl benzyl phthalate	<0.00600	0.00600	
Caprolactam	<0.000800	0.000800	
Carbazole	<0.000800	0.000800	
Chrysene	<0.000800	0.000800	
Di-n-butyl phthalate	<0.00600	0.00600	
Di-n-octyl phthalate	<0.00600	0.00600	
Dibenz[a,h]anthracene	<0.000800	0.000800	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110622A

Dibenzofuran	<0.000800	0.000800				
Diethyl phthalate	<0.00600	0.00600				
Dimethyl phthalate	<0.00600	0.00600				
Fluoranthene	<0.000800	0.000800				
Fluorene	<0.000800	0.000800				
Hexachlorobenzene	<0.000800	0.000800				
Hexachlorobutadiene	<0.000800	0.000800				
Hexachlorocyclopentadiene	<0.00200	0.00200				
Hexachloroethane	<0.000800	0.000800				
Indeno[1,2,3-cd]pyrene	<0.000800	0.000800				
Isophorone	<0.000800	0.000800				
N-Nitrosodi-n-propylamine	<0.000800	0.000800				
N-Nitrosodiphenylamine	<0.000800	0.000800				
Naphthalene	<0.000800	0.000800				
Nitrobenzene	<0.000800	0.000800				
Pentachlorophenol	<0.000800	0.000800				
Phenanthrene	<0.000800	0.000800				
Phenol	<0.000800	0.000800				
Pyrene	<0.000800	0.000800				
Surr: 2,4,6-Tribromophenol	14.4		16.00	90.0	42	124
Surr: 2-Fluorobiphenyl	13.9		16.00	86.8	48	120
Surr: 2-Fluorophenol	10.2		16.00	64.0	20	120
Surr: 4-Terphenyl-d14	16.8		16.00	105	51	135
Surr: Nitrobenzene-d5	13.9		16.00	86.8	41	120
Surr: Phenol-d6	6.32		16.00	39.5	20	120

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110622A

Sample ID:	ICV-110622	Batch ID:	R55484	TestNo:	SW8270D	Units:	mg/L
SampType:	ICV	Run ID:	GCMS9_110622A	Analysis Date:	06/22/11 02:54 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	4.57	0.000800	4.00	0	114	70	130			
2,4,6-Trichlorophenol	4.44	0.000800	4.00	0	111	80	120			
2,4-Dichlorophenol	4.51	0.000800	4.00	0	113	80	120			
2,4-Dimethylphenol	3.62	0.000800	4.00	0	90.5	70	130			
2,4-Dinitrophenol	4.34	0.00400	4.00	0	108	70	130			
2,4-Dinitrotoluene	4.14	0.000800	4.00	0	104	70	130			
2,6-Dinitrotoluene	4.16	0.000800	4.00	0	104	70	130			
2-Chloronaphthalene	4.24	0.000800	4.00	0	106	70	130			
2-Chlorophenol	4.10	0.000800	4.00	0	103	70	130			
2-Methylnaphthalene	4.34	0.000800	4.00	0	108	70	130			
2-Methylphenol	4.23	0.000800	4.00	0	106	70	130			
2-Nitroaniline	4.17	0.000800	4.00	0	104	70	130			
2-Nitrophenol	4.60	0.000800	4.00	0	115	80	120			
3,3'-Dichlorobenzidine	4.34	0.000800	4.00	0	108	70	130			
3-Nitroaniline	4.29	0.000800	4.00	0	107	70	130			
4,6-Dinitro-2-methylphenol	4.11	0.00200	4.00	0	103	70	130			
4-Bromophenyl phenyl ether	4.52	0.000800	4.00	0	113	70	130			
4-Chloro-3-methylphenol	4.19	0.000800	4.00	0	105	80	120			
4-Chloroaniline	4.44	0.00200	4.00	0	111	70	130			
4-Chlorophenyl phenyl ether	4.31	0.000800	4.00	0	108	70	130			
4-Methylphenol	4.17	0.000800	4.00	0	104	70	130			
4-Nitroaniline	4.05	0.000800	4.00	0	101	70	130			
4-Nitrophenol	3.64	0.00400	4.00	0	91.0	70	130			
Acenaphthene	4.15	0.000800	4.00	0	104	80	120			
Acenaphthylene	4.45	0.000800	4.00	0	111	70	130			
Acetophenone	4.19	0.000800	4.00	0	105	70	130			
Anthracene	4.34	0.000800	4.00	0	108	70	130			
Atrazine	4.24	0.000800	4.00	0	106	70	130			
Benzaldehyde	3.97	0.000800	4.00	0	99.2	70	130			N
Benzo[a]anthracene	4.12	0.000800	4.00	0	103	70	130			
Benzo[a]pyrene	4.40	0.000800	4.00	0	110	80	120			
Benzo[b]fluoranthene	4.35	0.000800	4.00	0	109	70	130			
Benzo[g,h,i]perylene	4.45	0.000800	4.00	0	111	70	130			
Benzo[k]fluoranthene	3.69	0.000800	4.00	0	92.2	70	130			
Benzoic acid	4.33	0.00600	4.00	0	108	70	130			
Benzyl alcohol	4.06	0.00200	4.00	0	102	70	130			
Biphenyl	4.31	0.000800	4.00	0	108	70	130			
Bis(2-chloroethoxy)methane	4.27	0.000800	4.00	0	107	70	130			
Bis(2-chloroethyl)ether	3.61	0.000800	4.00	0	90.2	70	130			
Bis(2-chloroisopropyl)ether	3.42	0.000800	4.00	0	85.5	70	130			
Bis(2-ethylhexyl)phthalate	4.22	0.00300	4.00	0	106	70	130			
Butyl benzyl phthalate	4.08	0.00600	4.00	0	102	70	130			
Caprolactam	4.23	0.000800	4.00	0	106	70	130			
Carbazole	4.37	0.000800	4.00	0	109	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110622A

Chrysene	3.89	0.000800	4.00	0	97.2	70	130
Di-n-butyl phthalate	4.18	0.00600	4.00	0	104	70	130
Di-n-octyl phthalate	4.37	0.00600	4.00	0	109	80	120
Dibenz[a,h]anthracene	4.69	0.000800	4.00	0	117	70	130
Dibenzofuran	4.10	0.000800	4.00	0	103	70	130
Diethyl phthalate	4.03	0.00600	4.00	0	101	70	130
Dimethyl phthalate	4.27	0.00600	4.00	0	107	70	130
Fluoranthene	4.64	0.000800	4.00	0	116	70	130
Fluorene	4.23	0.000800	4.00	0	106	80	120
Hexachlorobenzene	4.32	0.000800	4.00	0	108	70	130
Hexachlorobutadiene	4.10	0.000800	4.00	0	103	80	120
Hexachlorocyclopentadiene	4.09	0.00200	4.00	0	102	70	130
Hexachloroethane	3.99	0.000800	4.00	0	99.8	70	130
Indeno[1,2,3-cd]pyrene	4.68	0.000800	4.00	0	117	70	130
Isophorone	4.33	0.000800	4.00	0	108	70	130
N-Nitrosodi-n-propylamine	4.01	0.000800	4.00	0	100	70	130
N-Nitrosodiphenylamine	4.53	0.000800	4.00	0	113	80	120
Naphthalene	4.06	0.000800	4.00	0	102	70	130
Nitrobenzene	3.89	0.000800	4.00	0	97.2	70	130
Pentachlorophenol	3.52	0.000800	4.00	0	88.0	80	120
Phenanthrene	4.09	0.000800	4.00	0	102	70	130
Phenol	3.94	0.000800	4.00	0	98.5	80	120
Pyrene	4.10	0.000800	4.00	0	103	70	130
Surr: 2,4,6-Tribromophenol	4320		4000		108	80	120
Surr: 2-Fluorobiphenyl	4260		4000		106	80	120
Surr: 2-Fluorophenol	4420		4000		110	80	120
Surr: 4-Terphenyl-d14	4250		4000		106	80	120
Surr: Nitrobenzene-d5	4100		4000		103	80	120
Surr: Phenol-d6	4170		4000		104	80	120

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110629A

Sample ID:	LCS-47008	Batch ID:	47008	TestNo:	SW8270D	Units:	mg/Kg
SampType:	LCS	Run ID:	GCMS9_110629A	Analysis Date:	06/29/11 05:43 PM	Prep Date:	06/29/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	1.17	0.0266	1.340	0	87.6	49	125			
2,4,6-Trichlorophenol	1.17	0.0266	1.340	0	87.6	43	125			
2,4-Dichlorophenol	1.15	0.0266	1.340	0	85.6	45	125			
2,4-Dimethylphenol	1.07	0.0266	1.340	0	80.1	32	125			
2,4-Dinitrophenol	0.913	0 132	1 340	0	68.2	25	132			
2,4-Dinitrotoluene	1.06	0.0266	1.340	0	79.1	48	125			
2,6-Dinitrotoluene	1.03	0.0266	1.340	0	77.1	48	125			
2-Chloronaphthalene	1.10	0.0266	1.340	0	82.1	45	125			
2-Chlorophenol	1.09	0.0266	1.340	0	81.6	44	125			
2-Methylnaphthalene	1.03	0.0266	1.340	0	76.6	47	125			
2-Methylphenol	1.14	0.0266	1.340	0	85.1	40	125			
2-Nitroaniline	1.03	0.0266	1.340	0	76.6	44	125			
2-Nitrophenol	1.13	0.0266	1.340	0	84.6	42	125			
3,3'-Dichlorobenzidine	1.66	0.0266	1.340	0	124	25	128			
3-Nitroaniline	0.920	0.0266	1.340	0	68.7	27	126			
4,6-Dinitro-2-methylphenol	1.09	0.0660	1.340	0	81 1	29	137			
4-Bromophenyl phenyl ether	1.12	0.0266	1.340	0	83.6	46	125			
4-Chloro-3-methylphenol	1.03	0.0266	1.340	0	77.1	46	125			
4-Chloroaniline	0.893	0.0660	1.340	0	66.7	25	125			
4-Chlorophenyl phenyl ether	1.01	0.0266	1.340	0	75.1	47	125			
4-Methylphenol	1.16	0.0266	1.340	0	86.6	41	125			
4-Nitroaniline	1.00	0.0266	1.340	0	74.6	34	125			
4-Nitrophenol	1.05	0.132	1.340	0	78.1	25	138			
Acenaphthene	1.03	0.0266	1.340	0	76.6	46	125			
Acenaphthylene	1.09	0.0266	1.340	0	81.1	44	125			
Acetophenone	1.02	0.0266	1.340	0	76.1	40	125			
Anthracene	1.10	0.0266	1.340	0	82.1	53	125			
Atrazine	1.14	0.0266	1.340	0	85.1	40	125			
Benzaldehyde	0.907	0.0266	1.340	0	67.7	40	125			N
Benzo[a]anthracene	0.933	0.0266	1.340	0	69.7	52	125			
Benzo[a]pyrene	1.11	0.0266	1.340	0	83.1	50	125			
Benzo[b]fluoranthene	1.21	0.0266	1.340	0	90.5	45	125			
Benzo[g,h,i]perylene	1.16	0.0266	1.340	0	86.6	38	126			
Benzo[k]fluoranthene	0.847	0.0266	1.340	0	63.2	45	125			
Benzoic acid	1.13	0.132	1.340	0	84.6	25	125			
Benzyl alcohol	1.01	0.0660	1.340	0	75.1	25	125			
Biphenyl	1.05	0.0266	1.340	0	78.6	40	125			
Bis(2-chloroethoxy)methane	1.04	0.0266	1.340	0	77.6	43	125			
Bis(2-chloroethyl)ether	0.920	0.0266	1.340	0	68.7	38	125			
Bis(2-chloroisopropyl)ether	0.893	0.0266	1.340	0	66.7	25	125			
Bis(2-ethylhexyl)phthalate	1.11	0.0660	1.340	0	83.1	47	127			
Butyl benzyl phthalate	1.00	0.0660	1.340	0	74.6	49	125			
Caprolactam	1.00	0.0266	1.340	0	74.6	40	125			
Carbazole	1.16	0.0266	1.340	0	86.6	40	125			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110629A

Chrysene	0.887	0.0266	1.340	0	66.2	53	125
Di-n-butyl phthalate	1.21	0.0660	1.340	0	90.0	56	125
Di-n-octyl phthalate	1.24	0.0660	1.340	0	92.5	41	132
Dibenz[a,h]anthracene	1.23	0.0266	1.340	0	92.0	41	125
Dibenzofuran	1.01	0.0266	1.340	0	75.1	51	125
Diethyl phthalate	0.987	0.0660	1.340	0	73.6	50	125
Dimethyl phthalate	1.03	0.0660	1.340	0	76.6	49	125
Fluoranthene	1.23	0.0266	1.340	0	91.5	54	125
Fluorene	1.00	0.0266	1.340	0	74.6	49	125
Hexachlorobenzene	1.11	0.0266	1.340	0	83.1	47	125
Hexachlorobutadiene	0.960	0.0266	1.340	0	71.6	40	125
Hexachlorocyclopentadiene	1.07	0.0660	1.340	0	79.6	34	125
Hexachloroethane	0.893	0.0266	1.340	0	66.7	34	125
Indeno[1,2,3-cd]pyrene	1.20	0.0266	1.340	0	89.6	38	125
Isophorone	1.01	0.0266	1.340	0	75.6	43	125
N-Nitrosodi-n-propylamine	1.03	0.0266	1.340	0	76.6	40	125
N-Nitrosodiphenylamine	1.13	0.0266	1.340	0	84.1	49	125
Naphthalene	0.973	0.0266	1.340	0	72.6	40	125
Nitrobenzene	1.00	0.0266	1.340	0	74.6	41	125
Pentachlorophenol	0.840	0.0266	1.340	0	62.7	25	125
Phenanthrene	1.07	0.0266	1.340	0	79.6	50	125
Phenol	1.11	0.0266	1.340	0	83.1	25	125
Pyrene	0.893	0.0266	1.340	0	66.7	46	125
Surr: 2,4,6-Tribromophenol	2.36		2.680		88.1	45	138
Surr: 2-Fluorobiphenyl	2.20		2.680		82.1	60	135
Surr: 2-Fluorophenol	2.27		2.680		84.8	37	125
Surr: 4-Terphenyl-d14	2.07		2.680		77.4	60	129
Surr: Nitrobenzene-d5	2.07		2.680		77.4	45	125
Surr: Phenol-d6	2.21		2.680		82.6	40	125

Sample ID:	1106136-09AMS	**Batch ID:**	47008	**TestNo:**	SW8270D		**Units:**	mg/Kg-dry	
SampType:	MS	**Run ID:**	GCMS9_110629A	**Analysis Date:**	06/29/11 06:05 PM		**Prep Date:**	06/29/11	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
2,4,5-Trichlorophenol		1.28	0.0325	1.637	0	78.1	49	125			
2,4,6-Trichlorophenol		1.26	0.0325	1.637	0	77.1	43	125			
2,4-Dichlorophenol		1.23	0.0325	1.637	0	75.1	45	125			
2,4-Dimethylphenol		1.18	0.0325	1.637	0	72.1	32	125			
2,4-Dinitrophenol		0.871	0.161	1.637	0	53.2	25	132			
2,4-Dinitrotoluene		1.15	0.0325	1.637	0	70.1	48	125			
2,6-Dinitrotoluene		1.19	0.0325	1.637	0	72.6	48	125			
2-Chloronaphthalene		1.21	0.0325	1.637	0	74.1	45	125			
2-Chlorophenol		1.21	0.0325	1.637	0	74.1	44	125			
2-Methylnaphthalene		1.12	0.0325	1.637	0	68.7	47	125			
2-Methylphenol		1.25	0.0325	1.637	0	76.6	40	125			
2-Nitroaniline		1.15	0.0325	1.637	0	70.1	44	125			
2-Nitrophenol		1.22	0.0325	1.637	0	74.6	42	125			
3,3'-Dichlorobenzidine		2.31	0.0325	1.637	0	141	25	128			S

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110629A

3-Nitroaniline	1.04	0.0325	1.637	0	63.7	27	126	
4,6-Dinitro-2-methylphenol	1.10	0.0806	1.637	0	67.2	29	137	
4-Bromophenyl phenyl ether	1.21	0.0325	1.637	0	74.1	46	125	
4-Chloro-3-methylphenol	1.12	0.0325	1.637	0	68.2	46	125	
4-Chloroaniline	0.920	0.0806	1.637	0	56.2	25	125	
4-Chlorophenyl phenyl ether	1.12	0.0325	1.637	0	68.7	47	125	
4-Methylphenol	1.27	0.0325	1.637	0	77.6	41	125	
4-Nitroaniline	1.08	0.0325	1.637	0	65.7	34	125	
4-Nitrophenol	1.12	0.161	1.637	0	68.2	25	138	
Acenaphthene	1.13	0.0325	1.637	0	69.2	46	125	
Acenaphthylene	1.21	0.0325	1.637	0	73.6	44	125	
Acetophenone	1.14	0.0325	1.637	0	69.7	40	125	
Anthracene	1.24	0.0325	1.637	0	75.6	53	125	
Atrazine	1.20	0.0325	1.637	0	73.1	40	125	
Benzaldehyde	1.06	0.0325	1.637	0	64.7	40	125	N
Benzo[a]anthracene	1.16	0.0325	1.637	0.04867	67.7	52	125	
Benzo[a]pyrene	1.38	0.0325	1.637	0.05678	81.1	50	125	
Benzo[b]fluoranthene	1.49	0.0325	1.637	0.07301	86.6	45	125	
Benzo[g,h,i]perylene	1.36	0.0325	1.637	0.04056	80.6	38	126	
Benzo[k]fluoranthene	1.03	0.0325	1.637	0.03245	60.7	45	125	
Benzoic acid	0.366	0.161	1.637	0	22.4	25	125	S
Benzyl alcohol	1.17	0.0806	1.637	0	71.6	25	125	
Biphenyl	1.17	0.0325	1.637	0	71.6	40	125	
Bis(2-chloroethoxy)methane	1.14	0.0325	1.637	0	69.7	43	125	
Bis(2-chloroethyl)ether	1.03	0.0325	1.637	0	63.2	38	125	
Bis(2-chloroisopropyl)ether	1.00	0.0325	1.637	0	61.2	25	125	
Bis(2-ethylhexyl)phthalate	1.33	0.0806	1.637	0	81.1	47	127	
Butyl benzyl phthalate	1.15	0.0806	1.637	0	70.1	49	125	
Caprolactam	1.02	0.0325	1.637	0	62.2	40	125	
Carbazole	1.27	0.0325	1.637	0	77.6	40	125	
Chrysene	1.11	0.0325	1.637	0.03245	65.7	53	125	
Di-n-butyl phthalate	1.28	0.0806	1.637	0	78.1	56	125	
Di-n-octyl phthalate	1.40	0.0806	1.637	0	85.6	41	132	
Dibenz[a,h]anthracene	1.43	0.0325	1.637	0.03245	85.1	41	125	
Dibenzofuran	1.12	0.0325	1.637	0	68.2	51	125	
Diethyl phthalate	1.10	0.0806	1.637	0	67.2	50	125	
Dimethyl phthalate	1.14	0.0806	1.637	0	69.7	49	125	
Fluoranthene	1.50	0.0325	1.637	0.06490	87.6	54	125	
Fluorene	1.11	0.0325	1.637	0	67.7	49	125	
Hexachlorobenzene	1.20	0.0325	1.637	0	73.1	47	125	
Hexachlorobutadiene	1.07	0.0325	1.637	0	65.2	40	125	
Hexachlorocyclopentadiene	1.23	0.0806	1.637	0	75.1	34	125	
Hexachloroethane	0.994	0.0325	1.637	0	60.7	34	125	
Indeno[1,2,3-cd]pyrene	1.43	0.0325	1.637	0.04056	84.6	38	125	
Isophorone	1.12	0.0325	1.637	0	68.7	43	125	
N-Nitrosodi-n-propylamine	1.16	0.0325	1.637	0	70.6	40	125	
N-Nitrosodiphenylamine	1.25	0.0325	1.637	0	76.1	49	125	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110629A

Naphthalene	1.07	0.0325	1.637	0	65.2	40	125
Nitrobenzene	1.11	0.0325	1.637	0	67.7	41	125
Pentachlorophenol	0.839	0.0325	1.637	0	51.2	25	125
Phenanthrene	1.22	0.0325	1.637	0.03245	72.6	50	125
Phenol	1.23	0.0325	1.637	0	75.1	25	125
Pyrene	1.06	0.0325	1.637	0.04867	61.7	46	125
Surr: 2,4,6-Tribromophenol	2.55		3.274		77.9	45	138
Surr: 2-Fluorobiphenyl	2.41		3.274		73.6	60	135
Surr: 2-Fluorophenol	2.50		3.274		76.4	37	125
Surr: 4-Terphenyl-d14	2.27		3.274		69.4	60	129
Surr: Nitrobenzene-d5	2.26		3.274		68.9	45	125
Surr: Phenol-d6	2.43		3.274		74.1	40	125

Sample ID: 1106136-09AMSD	**Batch ID:** 47008		**TestNo:**		SW8270D		**Units:**		mg/Kg-dry
SampType: MSD	**Run ID:** GCMS9_110629A		**Analysis Date:**		06/29/11 06:28 PM		**Prep Date:**		06/29/11
Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
2,4,5-Trichlorophenol	1.38	0.0326	1.641	0	84.1	49	125	7.63	30	
2,4,6-Trichlorophenol	1.36	0.0326	1.641	0	83.1	43	125	7.72	30	
2,4-Dichlorophenol	1.30	0.0326	1.641	0	79.1	45	125	5.43	30	
2,4-Dimethylphenol	1.26	0.0326	1.641	0	76.6	32	125	6.29	30	
2,4-Dinitrophenol	0.849	0.162	1.641	0	51.7	25	132	2.58	30	
2,4-Dinitrotoluene	1.27	0.0326	1.641	0	77.1	48	125	9.72	30	
2,6-Dinitrotoluene	1.29	0.0326	1.641	0	78.6	48	125	8.16	30	
2-Chloronaphthalene	1.32	0.0326	1.641	0	80.6	45	125	8.63	30	
2-Chlorophenol	1.29	0.0326	1.641	0	78.6	44	125	6.13	30	
2-Methylnaphthalene	1.22	0.0326	1.641	0	74.1	47	125	7.93	30	
2-Methylphenol	1.31	0.0326	1.641	0	80.1	40	125	4.71	30	
2-Nitroaniline	1.28	0.0326	1.641	0	78.1	44	125	11.0	30	
2-Nitrophenol	1.32	0.0326	1.641	0	80.6	42	125	7.96	30	
3,3'-Dichlorobenzidine	2.45	0.0326	1.641	0	149	25	128	5.75	30	S
3-Nitroaniline	1.17	0.0326	1.641	0	71.1	27	126	11.3	30	
4,6-Dinitro-2-methylphenol	1.12	0.0808	1.641	0	68.2	29	137	1.74	30	
4-Bromophenyl phenyl ether	1.33	0.0326	1.641	0	81.1	46	125	9.24	30	
4-Chloro-3-methylphenol	1.18	0.0326	1.641	0	71.6	46	125	5.25	30	
4-Chloroaniline	1.00	0.0808	1.641	0	61.2	25	125	8.74	30	
4-Chlorophenyl phenyl ether	1.25	0.0326	1.641	0	76.1	47	125	10.6	30	
4-Methylphenol	1.31	0.0326	1.641	0	79.6	41	125	2.80	30	
4-Nitroaniline	1.19	0.0326	1.641	0	72.6	34	125	10.3	30	
4-Nitrophenol	1.18	0.162	1.641	0	71.6	25	138	5.25	30	
Acenaphthene	1.24	0.0326	1.641	0	75.6	46	125	9.20	30	
Acenaphthylene	1.31	0.0326	1.641	0	80.1	44	125	8.68	30	
Acetophenone	1.23	0.0326	1.641	0	75.1	40	125	7.83	30	
Anthracene	1.34	0.0326	1.641	0	81.6	53	125	7.86	30	
Atrazine	1.30	0.0326	1.641	0	79.1	40	125	8.11	30	
Benzaldehyde	1.18	0.0326	1.641	0	72.1	40	125	11.2	30	N
Benzo[a]anthracene	1.27	0.0326	1.641	0.04867	74.1	52	125	9.02	30	
Benzo[a]pyrene	1.51	0.0326	1.641	0.05678	88.6	50	125	8.72	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110629A

Benzo[b]fluoranthene	1.58	0.0326	1.641	0.07301	92.1	45	125	6.10	30	
Benzo[g,h,i]perylene	1.49	0.0326	1.641	0.04056	88.6	38	126	9.41	30	
Benzo[k]fluoranthene	1.13	0.0326	1.641	0.03245	66.7	45	125	9.36	30	
Benzoic acid	0.376	0.162	1.641	0	22.9	25	125	2.46	30	S
Benzyl alcohol	1.30	0.0808	1.641	0	79.1	25	125	10.2	30	
Biphenyl	1.31	0.0326	1.641	0	79.6	40	125	10.8	30	
Bis(2-chloroethoxy)methane	1.26	0.0326	1.641	0	76.6	43	125	9.79	30	
Bis(2-chloroethyl)ether	1.11	0.0326	1.641	0	67.7	38	125	7.11	30	
Bis(2-chloroisopropyl)ether	1.07	0.0326	1.641	0	65.2	25	125	6.56	30	
Bis(2-ethylhexyl)phthalate	1.43	0.0808	1.641	0	87.1	47	127	7.37	30	
Butyl benzyl phthalate	1.22	0.0808	1.641	0	74.6	49	125	6.45	30	
Caprolactam	1.17	0.0326	1.641	0	71.1	40	125	13.7	30	
Carbazole	1.39	0.0326	1.641	0	84.6	40	125	8.85	30	
Chrysene	1.21	0.0326	1.641	0.03245	71.7	53	125	8.72	30	
Di-n-butyl phthalate	1.40	0.0808	1.641	0	85.1	56	125	8.80	30	
Di-n-octyl phthalate	1.52	0.0808	1.641	0	92.5	41	132	8.09	30	
Dibenz[a,h]anthracene	1.54	0.0326	1.641	0.03245	92.1	41	125	7.96	30	
Dibenzofuran	1.22	0.0326	1.641	0	74.6	51	125	9.32	30	
Diethyl phthalate	1.22	0.0808	1.641	0	74.1	50	125	10.1	30	
Dimethyl phthalate	1.28	0.0808	1.641	0	78.1	49	125	11.7	30	
Fluoranthene	1.62	0.0326	1.641	0.06490	94.6	54	125	7.60	30	
Fluorene	1.24	0.0326	1.641	0	75.6	49	125	11.4	30	
Hexachlorobenzene	1.31	0.0326	1.641	0	79.6	47	125	8.73	30	
Hexachlorobutadiene	1.14	0.0326	1.641	0	69.7	40	125	6.91	30	
Hexachlorocyclopentadiene	1.26	0.0808	1.641	0	76.6	34	125	2.23	30	
Hexachloroethane	1.06	0.0326	1.641	0	64.7	34	125	6.61	30	
Indeno[1,2,3-cd]pyrene	1.55	0.0326	1.641	0.04056	92.1	38	125	8.48	30	
Isophorone	1.23	0.0326	1.641	0	75.1	43	125	9.26	30	
N-Nitrosodi-n-propylamine	1.24	0.0326	1.641	0	75.6	40	125	7.07	30	
N-Nitrosodiphenylamine	1.35	0.0326	1.641	0	82.1	49	125	7.81	30	
Naphthalene	1.16	0.0326	1.641	0	70.6	40	125	8.32	30	
Nitrobenzene	1.19	0.0326	1.641	0	72.6	41	125	7.36	30	
Pentachlorophenol	0.866	0.0326	1.641	0	52.7	25	125	3.14	30	
Phenanthrene	1.33	0.0326	1.641	0.03245	79.1	50	125	8.57	30	
Phenol	1.30	0.0326	1.641	0	79.1	25	125	5.43	30	
Pyrene	1.14	0.0326	1.641	0.04867	66.2	46	125	6.96	30	
Surr: 2,4,6-Tribromophenol	2.74		3.283		83.3	45	138	0	0	
Surr: 2-Fluorobiphenyl	2.65		3.283		80.8	60	135	0	0	
Surr: 2-Fluorophenol	2.76		3.283		84.1	37	125	0	0	
Surr: 4-Terphenyl-d14	2.43		3.283		73.9	60	129	0	0	
Surr: Nitrobenzene-d5	2.48		3.283		75.6	45	125	0	0	
Surr: Phenol-d6	2.62		3.283		79.9	40	125	0	0	

Sample ID:	1106136-11AMS	**Batch ID:**	47008	**TestNo:**	SW8270D			**Units:**	mg/Kg-dry
SampType:	MS	**Run ID:**	GCMS9_110629A	**Analysis Date:**	06/29/11 06:51 PM			**Prep Date:**	06/29/11
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
2,4,5-Trichlorophenol		8.17	0.905	9.121	0	89.6	49	125			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110629A

2,4,6-Trichlorophenol	7.94	0.905	9.121	0	87.1	43	125	
2,4-Dichlorophenol	7.26	0.905	9.121	0	79.6	45	125	
2,4-Dimethylphenol	7.26	0.905	9.121	0	79.6	32	125	
2,4-Dinitrophenol	4.99	4.49	9.121	0	54.7	25	132	
2,4-Dinitrotoluene	7.71	0.905	9.121	0	84.6	48	125	
2,6-Dinitrotoluene	7.71	0.905	9.121	0	84.6	48	125	
2-Chloronaphthalene	7.49	0.905	9.121	0	82.1	45	125	
2-Chlorophenol	7.26	0 905	9.121	0	79.6	44	125	
2-Methylnaphthalene	7.03	0.905	9.121	0	77.1	47	125	
2-Methylphenol	7.71	0 905	9.121	0	84.6	40	125	
2-Nitroaniline	7.49	0.905	9.121	0	82.1	44	125	
2-Nitrophenol	7.03	0.905	9.121	0	77.1	42	125	
3,3'-Dichlorobenzidine	17.9	0.905	9.121	0.6218	190	25	128	S
3-Nitroaniline	7.71	0.905	9.121	0	84.6	27	126	
4,6-Dinitro-2-methylphenol	6.81	2.25	9.121	0	74.6	29	137	
4-Bromophenyl phenyl ether	7.94	0.905	9.121	0	87.1	46	125	
4-Chloro-3-methylphenol	7.26	0.905	9.121	0	79.6	46	125	
4-Chloroaniline	6.81	2.25	9.121	0	74.6	25	125	
4-Chlorophenyl phenyl ether	7.71	0.905	9.121	0	84.6	47	125	
4-Methylphenol	7.49	0.905	9.121	0	82.1	41	125	
4-Nitroaniline	8.17	0.905	9.121	0	89.6	34	125	
4-Nitrophenol	7.71	4.49	9.121	0	84.6	25	138	
Acenaphthene	7.26	0.905	9.121	0	79.6	46	125	
Acenaphthylene	7.49	0.905	9.121	0	82.1	44	125	
Acetophenone	7.26	0.905	9.121	0	79 6	40	125	
Anthracene	7.94	0.905	9.121	0	87.1	53	125	
Atrazine	8 17	0.905	9.121	0	89.6	40	125	
Benzaldehyde	6.35	0.905	9.121	0	69.7	40	125	N
Benzo[a]anthracene	7.94	0.905	9.121	0.8291	78.0	52	125	
Benzo[a]pyrene	9.76	0.905	9.121	1.036	95 6	50	125	
Benzo[b]fluoranthene	10.7	0.905	9.121	1.451	101	45	125	
Benzo[g,h,i]perylene	9.76	0.905	9.121	1 036	95.6	38	126	
Benzo[k]fluoranthene	7.03	0.905	9.121	0.6218	70.3	45	125	
Benzoic acid	1.59	4.49	9.121	0	17.4	25	125	S
Benzyl alcohol	7.03	2 25	9.121	0	77.1	25	125	
Biphenyl	7.26	0.905	9.121	0	79.6	40	125	
Bis(2-chloroethoxy)methane	7.03	0.905	9.121	0	77.1	43	125	
Bis(2-chloroethyl)ether	6.58	0.905	9.121	0	72.1	38	125	
Bis(2-chloroisopropyl)ether	6.35	0.905	9.121	0	69.7	25	125	
Bis(2-ethylhexyl)phthalate	9.98	2.25	9.121	0	109	47	127	
Butyl benzyl phthalate	8.40	2.25	9.121	0	92.0	49	125	
Caprolactam	8.17	0.905	9.121	0	89.6	40	125	
Carbazole	8.40	0.905	9.121	0	92.0	40	125	
Chrysene	7.26	0.905	9.121	0.4145	75.1	53	125	
Di-n-butyl phthalate	9.08	2.25	9.121	0	99.5	56	125	
Di-n-octyl phthalate	10.4	2.25	9.121	0	114	41	132	
Dibenz[a,h]anthracene	10.4	0.905	9.121	0.6218	108	41	125	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110629A

Dibenzofuran	7.71	0.905	9.121	0	84.6	51	125	
Diethyl phthalate	7.71	2.25	9.121	0	84.6	50	125	
Dimethyl phthalate	7.71	2.25	9.121	0	84.6	49	125	
Fluoranthene	9.53	0.905	9.121	0.6218	97.7	54	125	
Fluorene	7.71	0.905	9.121	0	84.6	49	125	
Hexachlorobenzene	7.71	0.905	9.121	0	84.6	47	125	
Hexachlorobutadiene	6.58	0.905	9.121	0	72.1	40	125	
Hexachlorocyclopentadiene	0.908	2.25	9.121	0	9.95	34	125	S
Hexachloroethane	6.13	0.905	9.121	0	67.2	34	125	
Indeno[1,2,3-cd]pyrene	10.4	0.905	9.121	0.8291	105	38	125	
Isophorone	6.81	0.905	9.121	0	74.6	43	125	
N-Nitrosodi-n-propylamine	7.03	0.905	9.121	0	77.1	40	125	
N-Nitrosodiphenylamine	7.94	0.905	9.121	0	87.1	49	125	
Naphthalene	6.81	0.905	9.121	0	74.6	40	125	
Nitrobenzene	6.81	0.905	9.121	0	74.6	41	125	
Pentachlorophenol	3.86	0.905	9.121	0	42.3	25	125	
Phenanthrene	7.94	0.905	9.121	0	87.1	50	125	
Phenol	7.94	0.905	9.121	0	87.1	25	125	
Pyrene	7.71	0.905	9.121	0.6218	77.8	46	125	
Surr: 2,4,6-Tribromophenol	16.8		18.24		92.0	45	138	
Surr: 2-Fluorobiphenyl	14.7		18.24		80.8	60	135	
Surr: 2-Fluorophenol	15.7		18.24		85.8	37	125	
Surr: 4-Terphenyl-d14	15.9		18.24		87.1	60	129	
Surr: Nitrobenzene-d5	14.1		18.24		77.1	45	125	
Surr: Phenol-d6	15.0		18.24		82.1	40	125	

Sample ID:	1106136-11AMSD	**Batch ID:**	47008	TestNo:	SW8270D		**Units:**	**mg/Kg-dry**	
SampType:	MSD	**Run ID:**	GCMS9_110629A	Analysis Date:	06/29/11 07:14 PM		Prep Date:	06/29/11	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
2,4,5-Trichlorophenol		7.63	0.869	8.758	0	87.1	49	125	6.87	30	
2,4,6-Trichlorophenol		7.41	0.869	8.758	0	84.6	43	125	6.95	30	
2,4-Dichlorophenol		7.19	0.869	8.758	0	82.1	45	125	0.981	30	
2,4-Dimethylphenol		7.19	0.869	8.758	0	82.1	32	125	0.981	30	
2,4-Dinitrophenol		5.01	4.31	8.758	0	57.2	25	132	0.387	30	
2,4-Dinitrotoluene		7.41	0.869	8.758	0	84.6	48	125	4.06	30	
2,6-Dinitrotoluene		7.41	0.869	8.758	0	84.6	48	125	4.06	30	
2-Chloronaphthalene		7.19	0.869	8.758	0	82.1	45	125	4.06	30	
2-Chlorophenol		7.19	0.869	8.758	0	82.1	44	125	0.981	30	
2-Methylnaphthalene		6.75	0.869	8.758	0	77.1	47	125	4.06	30	
2-Methylphenol		7.63	0.869	8.758	0	87.1	40	125	1.16	30	
2-Nitroaniline		7.19	0.869	8.758	0	82.1	44	125	4.06	30	
2-Nitrophenol		6.97	0.869	8.758	0	79.6	42	125	0.884	30	
3,3'-Dichlorobenzidine		16.3	0.869	8.758	0.6218	179	25	128	9.25	30	S
3-Nitroaniline		7.19	0.869	8.758	0	82.1	27	126	7.04	30	
4,6-Dinitro-2-methylphenol		6.54	2.16	8.758	0	74.6	29	137	4.06	30	
4-Bromophenyl phenyl ether		7.63	0.869	8.758	0	87.1	46	125	4.06	30	
4-Chloro-3-methylphenol		7.19	0.869	8.758	0	82.1	46	125	0.981	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110629A

4-Chloroaniline	6.32	2.16	8.758	0	72.1	25	125	7.45	30	
4-Chlorophenyl phenyl ether	7.41	0.869	8.758	0	84.6	47	125	4.06	30	
4-Methylphenol	7.41	0.869	8.758	0	84.6	41	125	1.07	30	
4-Nitroaniline	7.63	0.869	8.758	0	87.1	34	125	6.87	30	
4-Nitrophenol	7.19	4.31	8.758	0	82.1	25	138	7.04	30	
Acenaphthene	7.19	0.869	8.758	0	82.1	46	125	0.981	30	
Acenaphthylene	7.19	0.869	8.758	0	82.1	44	125	4.06	30	
Acetophenone	6.97	0 869	8.758	0	79.6	40	125	4.06	30	
Anthracene	7.63	0.869	8.758	0	87.1	53	125	4.06	30	
Atrazine	7.41	0.869	8.758	0	84.6	40	125	9.77	30	
Benzaldehyde	6.54	0.869	8.758	0	74.6	40	125	2.84	30	N
Benzo[a]anthracene	7.41	0.869	8.758	0.8291	75.1	52	125	6.95	30	
Benzo[a]pyrene	9.37	0.869	8.758	1.036	95.1	50	125	4.06	30	
Benzo[b]fluoranthene	10.2	0.869	8.758	1.451	100	45	125	4.06	30	
Benzo[g,h,i]perylene	9.15	0.869	8.758	1.036	92.6	38	126	6.41	30	
Benzo[k]fluoranthene	6.54	0.869	8.758	0.6218	67.5	45	125	7.33	30	
Benzoic acid	1.09	4.31	8.758	0	12.4	25	125	37.3	30	SR
Benzyl alcohol	6.75	2.16	8 758	0	77.1	25	125	4.06	30	
Biphenyl	6.97	0.869	8.758	0	79.6	40	125	4.06	30	
Bis(2-chloroethoxy)methane	6.97	0.869	8.758	0	79.6	43	125	0.884	30	
Bis(2-chloroethyl)ether	6.32	0.869	8.758	0	72.1	38	125	4.06	30	
Bis(2-chloroisopropyl)ether	6.32	0.869	8.758	0	72.1	25	125	0.549	30	
Bis(2-ethylhexyl)phthalate	9.37	2.16	8.758	0	107	47	127	6.36	30	
Butyl benzyl phthalate	7.84	2.16	8.758	0	89.6	49	125	6.80	30	
Caprolactam	7.41	0.869	8.758	0	84.6	40	125	9.77	30	
Carbazole	7.63	0.869	8.758	0	87.1	40	125	9.61	30	
Chrysene	6.97	0.869	8.758	0.4145	74.9	53	125	4.06	30	
Di-n-butyl phthalate	8.50	2.16	8.758	0	97.0	56	125	6.59	30	
Di-n-octyl phthalate	9.80	2.16	8.758	0	112	41	132	6.25	30	
Dibenz[a,h]anthracene	9.59	0.869	8.758	0.6218	102	41	125	8.50	30	
Dibenzofuran	6.97	0.869	8.758	0	79.6	51	125	10.1	30	
Diethyl phthalate	7.41	2.16	8.758	0	84.6	50	125	4.06	30	
Dimethyl phthalate	7.41	2.16	8.758	0	84.6	49	125	4.06	30	
Fluoranthene	8.93	0.869	8.758	0.6218	94.9	54	125	6.47	30	
Fluorene	7.19	0.869	8.758	0	82.1	49	125	7.04	30	
Hexachlorobenzene	7.19	0.869	8.758	0	82.1	47	125	7.04	30	
Hexachlorobutadiene	6.32	0.869	8.758	0	72.1	40	125	4.06	30	
Hexachlorocyclopentadiene	<2.16	2.16	8.758	0	0	34	125	0	30	S
Hexachloroethane	6.10	0.869	8.758	0	69.7	34	125	0.422	30	
Indeno[1,2,3-cd]pyrene	9.59	0.869	8.758	0.8291	100	38	125	8.50	30	
Isophorone	6.75	0.869	8.758	0	77.1	43	125	0.780	30	
N-Nitrosodi-n-propylamine	6.75	0.869	8.758	0	77.1	40	125	4.06	30	
N-Nitrosodiphenylamine	7.41	0.869	8.758	0	84.6	49	125	6.95	30	
Naphthalene	6.75	0.869	8.758	0	77.1	40	125	0.780	30	
Nitrobenzene	6.75	0.869	8.758	0	77.1	41	125	0.780	30	
Pentachlorophenol	3.49	0.869	8.758	0	39.8	25	125	10.1	30	
Phenanthrene	7.63	0.869	8.758	0	87.1	50	125	4.06	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110629A

Phenol	7.84	0.869	8.758	0	89.6	25	125	1.24	30
Pyrene	7.41	0.869	8.758	0.6218	77.5	46	125	4.06	30
Surr: 2,4,6-Tribromophenol	15.7		17.52		89.6	45	138	0	0
Surr: 2-Fluorobiphenyl	13.7		17.52		78.4	60	135	0	0
Surr: 2-Fluorophenol	15.3		17.52		87.1	37	125	0	0
Surr: 4-Terphenyl-d14	14.6		17.52		83.3	60	129	0	0
Surr: Nitrobenzene-d5	13.7		17.52		78.4	45	125	0	0
Surr: Phenol-d6	14.4		17.52		82.1	40	125	0	0

Sample ID:	1106136-03AMS	**Batch ID:**	47008	**TestNo:**		SW8270D		**Units:**		mg/Kg
SampType:	MS	**Run ID:**	GCMS9_110629A	**Analysis Date:**		06/29/11 07:37 PM		**Prep Date:**		06/29/11
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
2,4,5-Trichlorophenol		0.722	0.262	1.319	0	54.7	49	125			
2,4,6-Trichlorophenol		0.656	0.262	1.319	0	49.8	43	125			
2,4-Dichlorophenol		0.722	0.262	1.319	0	54.7	45	125			
2,4-Dimethylphenol		0.722	0.262	1.319	0.1325	44.7	32	125			
2,4-Dinitrophenol		0.853	1.30	1.319	0	64.7	25	132			
2,4-Dinitrotoluene		0.787	0.262	1.319	0	59.7	48	125			
2,6-Dinitrotoluene		0.853	0.262	1.319	0	64.7	48	125			
2-Chloronaphthalene		0.722	0.262	1.319	0	54.7	45	125			
2-Chlorophenol		0.722	0.262	1.319	0	54.7	44	125			
2-Methylnaphthalene		0.787	0.262	1.319	0	59.7	47	125			
2-Methylphenol		0.722	0.262	1.319	0.3313	29.6	40	125			S
2-Nitroaniline		0.919	0.262	1.319	0	69.7	44	125			
2-Nitrophenol		0.656	0.262	1.319	0	49.8	42	125			
3,3'-Dichlorobenzidine		0.131	0.262	1.319	0	9.95	25	128			S
3-Nitroaniline		1.31	0.262	1.319	0	99.5	27	126			
4,6-Dinitro-2-methylphenol		0.919	0.650	1.319	0	69.7	29	137			
4-Bromophenyl phenyl ether		0.722	0.262	1.319	0	54.7	46	125			
4-Chloro-3-methylphenol		0.787	0.262	1.319	0	59.7	46	125			
4-Chloroaniline		0.197	0.650	1.319	0	14.9	25	125			S
4-Chlorophenyl phenyl ether		0.722	0.262	1.319	0	54.7	47	125			
4-Methylphenol		0.787	0.262	1.319	0.4639	24.5	41	125			S
4-Nitroaniline		0.197	0.262	1.319	0	14.9	34	125			S
4-Nitrophenol		0.919	1.30	1.319	0	69.7	25	138			
Acenaphthene		0.722	0.262	1.319	0	54.7	46	125			
Acenaphthylene		0.722	0.262	1.319	0	54.7	44	125			
Acetophenone		0.919	0.262	1.319	0.2651	49.6	40	125			
Anthracene		0.722	0.262	1.319	0.1325	44.7	53	125			S
Atrazine		0.787	0.262	1.319	0	59.7	40	125			
Benzaldehyde		0.656	0.262	1.319	0	49.8	40	125			N
Benzo[a]anthracene		0.722	0.262	1.319	0.1988	39.7	52	125			S
Benzo[a]pyrene		0.984	0.262	1.319	0.1988	59.6	50	125			
Benzo[b]fluoranthene		1.05	0.262	1.319	0.1988	64.5	45	125			
Benzo[g,h,i]perylene		0.984	0.262	1.319	0.1988	59.6	38	126			
Benzo[k]fluoranthene		0.722	0.262	1.319	0.1325	44.7	45	125			
Benzoic acid		0.919	1.30	1.319	0	69.7	25	125			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110629A

Benzyl alcohol	0.722	0.650	1.319	0	54.7	25	125	
Biphenyl	0.656	0.262	1.319	0	49.8	40	125	
Bis(2-chloroethoxy)methane	0.787	0.262	1.319	0	59.7	43	125	
Bis(2-chloroethyl)ether	0.591	0.262	1.319	0	44.8	38	125	
Bis(2-chloroisopropyl)ether	0.656	0.262	1.319	0	49.8	25	125	
Bis(2-ethylhexyl)phthalate	4.72	0.650	1.319	4.639	6.49	47	127	S
Butyl benzyl phthalate	1.25	0.650	1.319	0.9940	19.2	49	125	S
Caprolactam	0.787	0.262	1.319	0	59.7	40	125	
Carbazole	0.722	0.262	1.319	0	54.7	40	125	
Chrysene	0.919	0.262	1.319	0.3313	44.5	53	125	S
Di-n-butyl phthalate	1.25	0.650	1.319	0.5302	54.3	56	125	S
Di-n-octyl phthalate	1.18	0.650	1.319	0	89.6	41	132	
Dibenz[a,h]anthracene	0.984	0.262	1.319	0	74.6	41	125	
Dibenzofuran	0.722	0.262	1.319	0	54.7	51	125	
Diethyl phthalate	0.722	0.650	1.319	0	54.7	50	125	
Dimethyl phthalate	0.787	0.650	1.319	0	59.7	49	125	
Fluoranthene	1.12	0.262	1.319	0.2651	64.5	54	125	
Fluorene	0.722	0.262	1.319	0	54.7	49	125	
Hexachlorobenzene	0.722	0.262	1.319	0	54.7	47	125	
Hexachlorobutadiene	0.591	0.262	1.319	0	44.8	40	125	
Hexachlorocyclopentadiene	0.459	0.650	1.319	0	34.8	34	125	
Hexachloroethane	0.656	0.262	1.319	0	49.8	34	125	
Indeno[1,2,3-cd]pyrene	0.984	0.262	1.319	0	74.6	38	125	
Isophorone	0.722	0.262	1.319	0	54.7	43	125	
N-Nitrosodi-n-propylamine	0.722	0.262	1.319	0	54.7	40	125	
N-Nitrosodiphenylamine	0.722	0.262	1.319	0	54.7	49	125	
Naphthalene	0.722	0.262	1.319	0	54.7	40	125	
Nitrobenzene	0.656	0.262	1.319	0	49.8	41	125	
Pentachlorophenol	0.591	0.262	1.319	0	44.8	25	125	
Phenanthrene	0.853	0.262	1.319	0.1325	54.6	50	125	
Phenol	0.787	0.262	1.319	0.8615	-5.62	25	125	S
Pyrene	0.853	0.262	1.319	0	64.7	46	125	
Surr: 2,4,6-Tribromophenol	1.57		2.638		59.7	45	138	
Surr: 2-Fluorobiphenyl	1.38		2.638		52.2	60	135	S
Surr: 2-Fluorophenol	1.51		2.638		57.2	37	125	
Surr: 4-Terphenyl-d14	1.51		2.638		57.2	60	129	S
Surr: Nitrobenzene-d5	1.38		2.638		52.2	45	125	
Surr: Phenol-d6	1.44		2.638		54.7	40	125	

Sample ID:	1106136-03AMSD	**Batch ID:**	47008	**TestNo:**	SW8270D		**Units:**	mg/Kg	
SampType:	MSD	**Run ID:**	GCMS9_110629A	**Analysis Date:**	06/29/11 07:59 PM		**Prep Date:**	06/29/11	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
2,4,5-Trichlorophenol		0.863	0.265	1.335	0	64.7	49	125	17.8	30	
2,4,6-Trichlorophenol		0.863	0.265	1.335	0	64.7	43	125	27.3	30	
2,4-Dichlorophenol		0.863	0.265	1.335	0	64.7	45	125	17.8	30	
2,4-Dimethylphenol		0.863	0.265	1.335	0.1325	54.7	32	125	17.8	30	
2,4-Dinitrophenol		0.797	1.31	1.335	0	59.7	25	132	6.81	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110629A

2,4-Dinitrotoluene	0.863	0.265	1.335	0	64.7	48	125	9.19	30	
2,6-Dinitrotoluene	0.930	0.265	1.335	0	69.7	48	125	8.59	30	
2-Chloronaphthalene	0.797	0.265	1.335	0	59.7	45	125	9.88	30	
2-Chlorophenol	0.863	0.265	1.335	0	64.7	44	125	17.8	30	
2-Methylnaphthalene	0.863	0.265	1.335	0	64.7	47	125	9.19	30	
2-Methylphenol	0.863	0.265	1.335	0.3313	39.9	40	125	17.8	30	
2-Nitroaniline	0.996	0.265	1.335	0	74.6	44	125	8.08	30	
2-Nitrophenol	0.797	0.265	1.335	0	59.7	42	125	19.4	30	
3,3'-Dichlorobenzidine	0.133	0.265	1.335	0	9.95	25	128	1.19	30	S
3-Nitroaniline	1.86	0.265	1.335	0	139	27	126	34.5	30	SR
4,6-Dinitro-2-methylphenol	0.863	0.657	1.335	0	64.7	29	137	6.22	30	
4-Bromophenyl phenyl ether	0.797	0.265	1.335	0	59.7	46	125	9.88	30	
4-Chloro-3-methylphenol	0.930	0.265	1.335	0	69.7	46	125	16.6	30	
4-Chloroaniline	0.133	0.657	1.335	0	9.95	25	125	38.9	30	SR
4-Chlorophenyl phenyl ether	0.797	0.265	1.335	0	59.7	47	125	9.88	30	
4-Methylphenol	0.930	0.265	1.335	0.4639	34.9	41	125	16.6	30	S
4-Nitroaniline	0.199	0.265	1.335	0	14.9	34	125	1.19	30	S
4-Nitrophenol	1.06	1.31	1.335	0	79.6	25	138	14.5	30	
Acenaphthene	0.797	0.265	1.335	0	59.7	46	125	9.88	30	
Acenaphthylene	0.797	0.265	1.335	0	59.7	44	125	9.88	30	
Acetophenone	1.06	0.265	1.335	0.2651	59.7	40	125	14.5	30	
Anthracene	0.797	0.265	1.335	0.1325	49.8	53	125	9.88	30	S
Atrazine	0.930	0.265	1.335	0	69.7	40	125	16.6	30	
Benzaldehyde	0.797	0.265	1.335	0	59.7	40	125	19.4	30	N
Benzo[a]anthracene	0.797	0.265	1.335	0.1988	44.8	52	125	9.88	30	S
Benzo[a]pyrene	1.06	0.265	1.335	0.1988	64.7	50	125	7.64	30	
Benzo[b]fluoranthene	1.20	0.265	1.335	0.1988	74.7	45	125	12.9	30	
Benzo[g,h,i]perylene	0.930	0.265	1.335	0.1988	54.8	38	126	5.71	30	
Benzo[k]fluoranthene	0.730	0.265	1.335	0.1325	44.8	45	125	1.19	30	S
Benzoic acid	2.06	1.31	1.335	0	154	25	125	76.6	30	SR
Benzyl alcohol	0.863	0.657	1.335	0	64.7	25	125	17.8	30	
Biphenyl	0.797	0.265	1.335	0	59.7	40	125	19.4	30	
Bis(2-chloroethoxy)methane	0.863	0.265	1.335	0	64.7	43	125	9.19	30	
Bis(2-chloroethyl)ether	0.730	0.265	1.335	0	54.7	38	125	21.2	30	
Bis(2-chloroisopropyl)ether	0.730	0.265	1.335	0	54.7	25	125	10.7	30	
Bis(2-ethylhexyl)phthalate	5.58	0.657	1.335	4.639	70.3	47	127	16.6	30	
Butyl benzyl phthalate	1.46	0.657	1.335	0.9940	35.0	49	125	15.8	30	S
Caprolactam	0.797	0.265	1.335	0	59.7	40	125	1.19	30	
Carbazole	0.797	0.265	1.335	0	59.7	40	125	9.88	30	
Chrysene	1.06	0.265	1.335	0.3313	54.8	53	125	14.5	30	
Di-n-butyl phthalate	1.39	0.657	1.335	0.5302	64.8	56	125	11.2	30	
Di-n-octyl phthalate	1.33	0.657	1.335	0	99.5	41	132	11.7	30	
Dibenz[a,h]anthracene	1.06	0.265	1.335	0	79.6	41	125	7.64	30	
Dibenzofuran	0.797	0.265	1.335	0	59.7	51	125	9.88	30	
Diethyl phthalate	0.797	0.657	1.335	0	59.7	50	125	9.88	30	
Dimethyl phthalate	0.863	0.657	1.335	0	64.7	49	125	9.19	30	
Fluoranthene	1.33	0.265	1.335	0.2651	79.6	54	125	17.4	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110629A

Fluorene	0.797	0.265	1.335	0	59.7	49	125	9.88	30	
Hexachlorobenzene	0.730	0.265	1.335	0	54.7	47	125	1.19	30	
Hexachlorobutadiene	0.730	0.265	1.335	0	54.7	40	125	21.2	30	
Hexachlorocyclopentadiene	0.332	0.657	1.335	0	24.9	34	125	32.2	30	SR
Hexachloroethane	0.730	0.265	1.335	0	54.7	34	125	10.7	30	
Indeno[1,2,3-cd]pyrene	0.996	0.265	1.335	0	74.6	38	125	1.19	30	
Isophorone	0.797	0.265	1.335	0	59.7	43	125	9.88	30	
N-Nitrosodi-n-propylamine	0.797	0.265	1.335	0	59.7	40	125	9.88	30	
N-Nitrosodiphenylamine	0.797	0.265	1.335	0	59.7	49	125	9.88	30	
Naphthalene	0.863	0.265	1.335	0	64.7	40	125	17.8	30	
Nitrobenzene	0.730	0.265	1.335	0	54.7	41	125	10.7	30	
Pentachlorophenol	0.730	0.265	1.335	0	54.7	25	125	21.2	30	
Phenanthrene	0.930	0.265	1.335	0.1325	59 7	50	125	8.59	30	
Phenol	0.930	0.265	1.335	0.8615	5.10	25	125	16.6	30	S
Pyrene	0.930	0.265	1.335	0	69.7	46	125	8.59	30	
Surr: 2,4,6-Tribromophenol	1.73		2.669		64.7	45	138	0	0	
Surr: 2-Fluorobiphenyl	1.59		2.669		59.7	60	135	0	0	
Surr: 2-Fluorophenol	1.73		2.669		64.7	37	125	0	0	
Surr: 4-Terphenyl-d14	1.59		2.669		59.7	60	129	0	0	
Surr: Nitrobenzene-d5	1.59		2.669		59.7	45	125	0	0	
Surr: Phenol-d6	1.59		2.669		59.7	40	125	0	0	

Sample ID:	MB-47008	**Batch ID:**	47008	**TestNo:**	SW8270D	**Units:**	mg/Kg		
SampType:	MBLK	**Run ID:**	GCMS9_110629A	**Analysis Date:**	06/29/11 08:45 PM	**Prep Date:**	06/29/11		

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	<0.0266	0.0266								
2,4,6-Trichlorophenol	<0.0266	0.0266								
2,4-Dichlorophenol	<0.0266	0.0266								
2,4-Dimethylphenol	<0.0266	0.0266								
2,4-Dinitrophenol	<0.132	0.132								
2,4-Dinitrotoluene	<0.0266	0.0266								
2,6-Dinitrotoluene	<0.0266	0.0266								
2-Chloronaphthalene	<0.0266	0.0266								
2-Chlorophenol	<0.0266	0.0266								
2-Methylnaphthalene	<0.0266	0.0266								
2-Methylphenol	<0.0266	0.0266								
2-Nitroaniline	<0.0266	0.0266								
2-Nitrophenol	<0.0266	0.0266								
3,3'-Dichlorobenzidine	0.0133	0.0266								
3-Nitroaniline	<0.0266	0.0266								
4,6-Dinitro-2-methylphenol	<0.0660	0.0660								
4-Bromophenyl phenyl ether	<0.0266	0.0266								
4-Chloro-3-methylphenol	<0.0266	0.0266								
4-Chloroaniline	<0.0660	0.0660								
4-Chlorophenyl phenyl ether	<0.0266	0.0266								
4-Methylphenol	<0.0266	0.0266								
4-Nitroaniline	<0.0266	0.0266								

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110629A

4-Nitrophenol	<0.132	0.132					
Acenaphthene	<0.0266	0.0266					
Acenaphthylene	<0.0266	0.0266					
Acetophenone	<0.0266	0.0266					
Anthracene	<0.0266	0.0266					
Atrazine	<0.0266	0.0266					
Benzaldehyde	<0.0266	0.0266					N
Benzo[a]anthracene	<0.0266	0.0266					
Benzo[a]pyrene	<0.0266	0.0266					
Benzo[b]fluoranthene	<0.0266	0.0266					
Benzo[g,h,i]perylene	<0.0266	0.0266					
Benzo[k]fluoranthene	<0.0266	0.0266					
Benzoic acid	<0.132	0.132					
Benzyl alcohol	<0.0660	0.0660					
Biphenyl	<0.0266	0.0266					
Bis(2-chloroethoxy)methane	<0.0266	0.0266					
Bis(2-chloroethyl)ether	<0.0266	0.0266					
Bis(2-chloroisopropyl)ether	<0.0266	0.0266					
Bis(2-ethylhexyl)phthalate	<0.0660	0.0660					
Butyl benzyl phthalate	<0.0660	0.0660					
Caprolactam	<0.0266	0.0266					
Carbazole	<0.0266	0.0266					
Chrysene	<0.0266	0.0266					
Di-n-butyl phthalate	<0.0660	0.0660					
Di-n-octyl phthalate	<0.0660	0.0660					
Dibenz[a,h]anthracene	<0.0266	0.0266					
Dibenzofuran	<0.0266	0.0266					
Diethyl phthalate	<0.0660	0.0660					
Dimethyl phthalate	<0.0660	0.0660					
Fluoranthene	<0.0266	0.0266					
Fluorene	<0.0266	0.0266					
Hexachlorobenzene	<0.0266	0.0266					
Hexachlorobutadiene	<0.0266	0.0266					
Hexachlorocyclopentadiene	<0.0660	0.0660					
Hexachloroethane	<0.0266	0.0266					
Indeno[1,2,3-cd]pyrene	<0.0266	0.0266					
Isophorone	<0.0266	0.0266					
N-Nitrosodi-n-propylamine	<0.0266	0.0266					
N-Nitrosodiphenylamine	<0.0266	0.0266					
Naphthalene	<0.0266	0.0266					
Nitrobenzene	<0.0266	0.0266					
Pentachlorophenol	<0.0266	0.0266					
Phenanthrene	<0.0266	0.0266					
Phenol	<0.0266	0.0266					
Pyrene	<0.0266	0.0266					
Surr: 2,4,6-Tribromophenol	2.29		2.680	85.3	45	138	
Surr: 2-Fluorobiphenyl	1.97		2.680	73.6	60	135	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110629A

Surr: 2-Fluorophenol	2.19	2.680	81.6	37	125
Surr: 4-Terphenyl-d14	2.21	2.680	82.6	60	129
Surr: Nitrobenzene-d5	1.99	2.680	74.4	45	125
Surr: Phenol-d6	2.02	2.680	75.4	40	125

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110629A

Sample ID:	ICV-110629	Batch ID:	R55612	TestNo:	SW8270D	Units:	mg/Kg
SampType:	ICV	Run ID:	GCMS9_110629A	Analysis Date:	06/29/11 05:20 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	4.50	0.0266	4.000	0	112	70	130			
2,4,6-Trichlorophenol	4.46	0.0266	4.000	0	112	80	120			
2,4-Dichlorophenol	4.37	0.0266	4.000	0	109	80	120			
2,4-Dimethylphenol	3.14	0.0266	4.000	0	78.5	70	130			
2,4-Dinitrophenol	4.04	0.132	4.000	0	101	70	130			
2,4-Dinitrotoluene	3.99	0.0266	4.000	0	99.8	70	130			
2,6-Dinitrotoluene	4.12	0.0266	4.000	0	103	70	130			
2-Chloronaphthalene	4.26	0.0266	4.000	0	106	70	130			
2-Chlorophenol	4.17	0.0266	4.000	0	104	70	130			
2-Methylnaphthalene	4.26	0.0266	4.000	0	106	70	130			
2-Methylphenol	4.15	0.0266	4.000	0	104	70	130			
2-Nitroaniline	4.09	0.0266	4.000	0	102	70	130			
2-Nitrophenol	4.47	0.0266	4.000	0	112	80	120			
3,3'-Dichlorobenzidine	4.42	0.0266	4.000	0	110	70	130			
3-Nitroaniline	4.18	0.0266	4.000	0	104	70	130			
4,6-Dinitro-2-methylphenol	4.01	0.0660	4.000	0	100	70	130			
4-Bromophenyl phenyl ether	4.48	0.0266	4.000	0	112	70	130			
4-Chloro-3-methylphenol	4.20	0.0266	4.000	0	105	80	120			
4-Chloroaniline	4.29	0.0660	4.000	0	107	70	130			
4-Chlorophenyl phenyl ether	4.25	0.0266	4.000	0	106	70	130			
4-Methylphenol	4.25	0.0266	4.000	0	106	70	130			
4-Nitroaniline	3.86	0.0266	4.000	0	96.5	70	130			
4-Nitrophenol	3.87	0.132	4.000	0	96.8	70	130			
Acenaphthene	4.11	0.0266	4.000	0	103	80	120			
Acenaphthylene	4.42	0.0266	4.000	0	110	70	130			
Acetophenone	4.33	0.0266	4.000	0	108	70	130			
Anthracene	4.26	0.0266	4.000	0	106	70	130			
Atrazine	4.11	0.0266	4.000	0	103	70	130			
Benzaldehyde	3.88	0.0266	4.000	0	97.0	70	130			N
Benzo[a]anthracene	3.99	0.0266	4.000	0	99.8	70	130			
Benzo[a]pyrene	4.28	0.0266	4.000	0	107	80	120			
Benzo[b]fluoranthene	4.31	0.0266	4.000	0	108	70	130			
Benzo[g,h,i]perylene	4.34	0.0266	4.000	0	108	70	130			
Benzo[k]fluoranthene	3.72	0.0266	4.000	0	93.0	70	130			
Benzoic acid	4.19	0.132	4.000	0	105	70	130			
Benzyl alcohol	4.37	0.0660	4.000	0	109	70	130			
Biphenyl	4.29	0.0266	4.000	0	107	70	130			
Bis(2-chloroethoxy)methane	4.19	0.0266	4.000	0	105	70	130			
Bis(2-chloroethyl)ether	3.83	0.0266	4.000	0	95.8	70	130			
Bis(2-chloroisopropyl)ether	3.63	0.0266	4.000	0	90.8	70	130			
Bis(2-ethylhexyl)phthalate	4.18	0.0660	4.000	0	104	70	130			
Butyl benzyl phthalate	4.00	0.0660	4.000	0	100	70	130			
Caprolactam	4.03	0.0266	4.000	0	101	70	130			
Carbazole	4.28	0.0266	4.000	0	107	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110629A

Chrysene	3.87	0.0266	4.000	0	96.8	70	130
Di-n-butyl phthalate	4.05	0.0660	4.000	0	101	70	130
Di-n-octyl phthalate	4.34	0.0660	4.000	0	108	80	120
Dibenz[a,h]anthracene	4.58	0.0266	4.000	0	114	70	130
Dibenzofuran	4.03	0.0266	4.000	0	101	70	130
Diethyl phthalate	3.97	0.0660	4.000	0	99.2	70	130
Dimethyl phthalate	4.19	0.0660	4.000	0	105	70	130
Fluoranthene	4.59	0.0266	4.000	0	115	70	130
Fluorene	4.18	0.0266	4.000	0	104	80	120
Hexachlorobenzene	4.36	0.0266	4.000	0	109	70	130
Hexachlorobutadiene	4.21	0.0266	4.000	0	105	80	120
Hexachlorocyclopentadiene	3.98	0.0660	4.000	0	99.5	70	130
Hexachloroethane	4.10	0.0266	4.000	0	103	70	130
Indeno[1,2,3-cd]pyrene	4.53	0.0266	4.000	0	113	70	130
Isophorone	4.24	0.0266	4.000	0	106	70	130
N-Nitrosodi-n-propylamine	4.20	0.0266	4.000	0	105	70	130
N-Nitrosodiphenylamine	4.52	0.0266	4.000	0	113	80	120
Naphthalene	4.04	0.0266	4.000	0	101	70	130
Nitrobenzene	4.02	0.0266	4.000	0	101	70	130
Pentachlorophenol	3.40	0.0266	4.000	0	85.0	80	120
Phenanthrene	4.09	0.0266	4.000	0	102	70	130
Phenol	4.41	0.0266	4.000	0	110	80	120
Pyrene	3.97	0.0266	4.000	0	99.2	70	130
Surr: 2,4,6-Tribromophenol	4.32		4.000		108	80	120
Surr: 2-Fluorobiphenyl	4.28		4.000		107	80	120
Surr: 2-Fluorophenol	4.30		4.000		108	80	120
Surr: 4-Terphenyl-d14	4.12		4.000		103	80	120
Surr: Nitrobenzene-d5	4.17		4.000		104	80	120
Surr: Phenol-d6	4.29		4.000		107	80	120

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110630A

Sample ID:	SYS BLANK-47008	Batch ID:	47008	TestNo:	SW8270D	Units:	mg/Kg
SampType:	MBLK	Run ID:	GCMS9_110630A	Analysis Date:	06/30/11 09:23 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	<0.0266	0.0266								
2,4,6-Trichlorophenol	<0.0266	0.0266								
2,4-Dichlorophenol	<0.0266	0.0266								
2,4-Dimethylphenol	<0.0266	0.0266								
2,4-Dinitrophenol	<0.132	0.132								
2,4-Dinitrotoluene	<0.0266	0.0266								
2,6-Dinitrotoluene	<0.0266	0.0266								
2-Chloronaphthalene	<0.0266	0.0266								
2-Chlorophenol	<0.0266	0.0266								
2-Methylnaphthalene	<0.0266	0.0266								
2-Methylphenol	<0.0266	0.0266								
2-Nitroaniline	<0.0266	0.0266								
2-Nitrophenol	<0.0266	0.0266								
3,3'-Dichlorobenzidine	0.0200	0.0266								
3-Nitroaniline	<0.0266	0.0266								
4,6-Dinitro-2-methylphenol	<0.0660	0.0660								
4-Bromophenyl phenyl ether	<0.0266	0.0266								
4-Chloro-3-methylphenol	<0.0266	0.0266								
4-Chloroaniline	<0.0660	0.0660								
4-Chlorophenyl phenyl ether	<0.0266	0.0266								
4-Methylphenol	<0.0266	0.0266								
4-Nitroaniline	<0.0266	0.0266								
4-Nitrophenol	<0.132	0.132								
Acenaphthene	<0.0266	0.0266								
Acenaphthylene	<0.0266	0.0266								
Acetophenone	<0.0266	0.0266								
Anthracene	<0.0266	0.0266								
Atrazine	<0.0266	0.0266								
Benzaldehyde	<0.0266	0.0266								N
Benzo[a]anthracene	<0.0266	0.0266								
Benzo[a]pyrene	<0.0266	0.0266								
Benzo[b]fluoranthene	<0.0266	0.0266								
Benzo[g,h,i]perylene	<0.0266	0.0266								
Benzo[k]fluoranthene	<0.0266	0.0266								
Benzoic acid	<0.132	0.132								
Benzyl alcohol	<0.0660	0.0660								
Biphenyl	<0.0266	0.0266								
Bis(2-chloroethoxy)methane	<0.0266	0.0266								
Bis(2-chloroethyl)ether	<0.0266	0.0266								
Bis(2-chloroisopropyl)ether	<0.0266	0.0266								
Bis(2-ethylhexyl)phthalate	<0.0660	0.0660								
Butyl benzyl phthalate	<0.0660	0.0660								
Caprolactam	<0.0266	0.0266								
Carbazole	<0.0266	0.0266								

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110630A

Chrysene	<0.0266	0.0266
Di-n-butyl phthalate	<0.0660	0.0660
Di-n-octyl phthalate	<0.0660	0.0660
Dibenz[a,h]anthracene	<0.0266	0.0266
Dibenzofuran	<0.0266	0.0266
Diethyl phthalate	<0.0660	0.0660
Dimethyl phthalate	<0.0660	0.0660
Fluoranthene	<0.0266	0.0266
Fluorene	<0.0266	0.0266
Hexachlorobenzene	<0.0266	0.0266
Hexachlorobutadiene	<0.0266	0.0266
Hexachlorocyclopentadiene	<0.0660	0.0660
Hexachloroethane	<0.0266	0.0266
Indeno[1,2,3-cd]pyrene	<0.0266	0.0266
Isophorone	<0.0266	0.0266
N-Nitrosodi-n-propylamine	<0.0266	0.0266
N-Nitrosodiphenylamine	<0.0266	0.0266
Naphthalene	<0.0266	0.0266
Nitrobenzene	<0.0266	0.0266
Pentachlorophenol	<0.0266	0.0266
Phenanthrene	<0.0266	0.0266
Phenol	<0.0266	0.0266
Pyrene	<0.0266	0.0266

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110630A

Sample ID:	ICV-110630	Batch ID:	R55625	TestNo:	SW8270D	Units:	mg/Kg
SampType:	ICV	Run ID:	GCMS9_110630A	Analysis Date:	06/30/11 08:36 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	4.53	0.0266	4.000	0	113	70	130			
2,4,6-Trichlorophenol	4.43	0.0266	4.000	0	111	80	120			
2,4-Dichlorophenol	4.48	0.0266	4.000	0	112	80	120			
2,4-Dimethylphenol	3.14	0.0266	4.000	0	78.5	70	130			
2,4-Dinitrophenol	4.10	0.132	4.000	0	103	70	130			
2,4-Dinitrotoluene	3.93	0.0266	4.000	0	98.2	70	130			
2,6-Dinitrotoluene	4.08	0.0266	4.000	0	102	70	130			
2-Chloronaphthalene	4.30	0.0266	4.000	0	108	70	130			
2-Chlorophenol	4.08	0.0266	4.000	0	102	70	130			
2-Methylnaphthalene	4.37	0.0266	4.000	0	109	70	130			
2-Methylphenol	4.06	0.0266	4.000	0	102	70	130			
2-Nitroaniline	4.05	0.0266	4.000	0	101	70	130			
2-Nitrophenol	4.52	0.0266	4.000	0	113	80	120			
3,3'-Dichlorobenzidine	4.09	0.0266	4.000	0	102	70	130			
3-Nitroaniline	4.08	0.0266	4.000	0	102	70	130			
4,6-Dinitro-2-methylphenol	4.11	0.0660	4.000	0	103	70	130			
4-Bromophenyl phenyl ether	4.62	0.0266	4.000	0	116	70	130			
4-Chloro-3-methylphenol	4.24	0.0266	4.000	0	106	80	120			
4-Chloroaniline	4.36	0.0660	4.000	0	109	70	130			
4-Chlorophenyl phenyl ether	4.25	0.0266	4.000	0	106	70	130			
4-Methylphenol	4.22	0.0266	4.000	0	106	70	130			
4-Nitroaniline	3.82	0.0266	4.000	0	95.5	70	130			
4-Nitrophenol	3.63	0.132	4.000	0	90.8	70	130			
Acenaphthene	4.17	0.0266	4.000	0	104	80	120			
Acenaphthylene	4.43	0.0266	4.000	0	111	70	130			
Acetophenone	4.25	0.0266	4.000	0	106	70	130			
Anthracene	4.35	0.0266	4.000	0	109	70	130			
Atrazine	4.19	0.0266	4.000	0	105	70	130			
Benzaldehyde	3.11	0.0266	4.000	0	77.8	70	130			N
Benzo[a]anthracene	4.06	0.0266	4.000	0	102	70	130			
Benzo[a]pyrene	4.33	0.0266	4.000	0	108	80	120			
Benzo[b]fluoranthene	4.48	0.0266	4.000	0	112	70	130			
Benzo[g,h,i]perylene	4.39	0.0266	4.000	0	110	70	130			
Benzo[k]fluoranthene	3.64	0.0266	4.000	0	91.0	70	130			
Benzoic acid	4.46	0.132	4.000	0	112	70	130			
Benzyl alcohol	4.23	0.0660	4.000	0	106	70	130			
Biphenyl	4.31	0.0266	4.000	0	108	70	130			
Bis(2-chloroethoxy)methane	4.23	0.0266	4.000	0	106	70	130			
Bis(2-chloroethyl)ether	3.67	0.0266	4.000	0	91.8	70	130			
Bis(2-chloroisopropyl)ether	3.46	0.0266	4.000	0	86.5	70	130			
Bis(2-ethylhexyl)phthalate	4.21	0.0660	4.000	0	105	70	130			
Butyl benzyl phthalate	3.97	0.0660	4.000	0	99.2	70	130			
Caprolactam	4.04	0.0266	4.000	0	101	70	130			
Carbazole	4.33	0.0266	4.000	0	108	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_110630A

Chrysene	3.86	0.0266	4.000	0	96.5	70	130
Di-n-butyl phthalate	4.18	0.0660	4.000	0	104	70	130
Di-n-octyl phthalate	4.43	0.0660	4.000	0	111	80	120
Dibenz[a,h]anthracene	4.64	0.0266	4.000	0	116	70	130
Dibenzofuran	4.03	0.0266	4.000	0	101	70	130
Diethyl phthalate	3.92	0.0660	4.000	0	98.0	70	130
Dimethyl phthalate	4.12	0.0660	4.000	0	103	70	130
Fluoranthene	4.68	0.0266	4.000	0	117	70	130
Fluorene	4.16	0.0266	4.000	0	104	80	120
Hexachlorobenzene	4.45	0.0266	4.000	0	111	70	130
Hexachlorobutadiene	4.19	0.0266	4.000	0	105	80	120
Hexachlorocyclopentadiene	3.71	0.0660	4.000	0	92.8	70	130
Hexachloroethane	4.04	0.0266	4.000	0	101	70	130
Indeno[1,2,3-cd]pyrene	4.60	0.0266	4.000	0	115	70	130
Isophorone	4.38	0.0266	4.000	0	110	70	130
N-Nitrosodi-n-propylamine	4.08	0.0266	4.000	0	102	70	130
N-Nitrosodiphenylamine	4.53	0.0266	4.000	0	113	80	120
Naphthalene	4.02	0.0266	4.000	0	101	70	130
Nitrobenzene	3.91	0.0266	4.000	0	97.8	70	130
Pentachlorophenol	3.56	0.0266	4.000	0	89.0	80	120
Phenanthrene	4.14	0.0266	4.000	0	104	70	130
Phenol	3.98	0.0266	4.000	0	99.5	80	120
Pyrene	3.95	0.0266	4.000	0	98.8	70	130
Surr: 2,4,6-Tribromophenol	4.34		4.000		108	80	120
Surr: 2-Fluorobiphenyl	4.32		4.000		108	80	120
Surr: 2-Fluorophenol	4.30		4.000		108	80	120
Surr: 4-Terphenyl-d14	4.12		4.000		103	80	120
Surr: Nitrobenzene-d5	4.12		4.000		103	80	120
Surr: Phenol-d6	4.18		4.000		104	80	120

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

ANALYTICAL QC SUMMARY REPORT

RunID: PMOIST_110623B

Sample ID:	1106146-01ADUP	Batch ID:	46912	TestNo:	D2216	Units:	WT%
SampType:	DUP	Run ID:	PMOIST_110623B	Analysis Date:	06/24/11 08:40 AM	Prep Date:	06/23/11

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Percent Moisture	10.2	0	0	10.06				1.80	30	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

MQL SUMMARY REPORT

TestNo: SW8082A Analyte	MDL mg/Kg	MQL mg/Kg
Aroclor 1016	0.0500	0.100
Aroclor 1221	0.0500	0.100
Aroclor 1232	0.0500	0.100
Aroclor 1242	0.0500	0.100
Aroclor 1248	0.0500	0.100
Aroclor 1254	0.0500	0.100
Aroclor 1260	0.0500	0.100
Aroclor 1268	0.0500	0.100

TestNo: SW8082A Analyte	MDL mg/L	MQL mg/L
Aroclor 1016	0.000100	0.000250
Aroclor 1221	0.000100	0.000250
Aroclor 1232	0.000100	0.000250
Aroclor 1242	0.000100	0.000250
Aroclor 1248	0.000100	0.000250
Aroclor 1254	0.000100	0.000250
Aroclor 1260	0.000100	0.000250

TestNo: SW8270D Analyte	MDL mg/Kg	MQL mg/Kg
2,4,5-Trichlorophenol	0.0100	0.0266
2,4,6-Trichlorophenol	0.0100	0.0266
2,4-Dichlorophenol	0.0100	0.0266
2,4-Dimethylphenol	0.0100	0.0266
2,4-Dinitrophenol	0.0500	0.132
2,4-Dinitrotoluene	0.0100	0.0266
2,6-Dinitrotoluene	0.0100	0.0266
2-Chloronaphthalene	0.0100	0.0266
2-Chlorophenol	0.0100	0.0266
2-Methylnaphthalene	0.0100	0.0266
2-Methylphenol	0.0100	0.0266
2-Nitroaniline	0.0100	0.0266
2-Nitrophenol	0.0100	0.0266
3,3'-Dichlorobenzidine	0.0100	0.0266
3-Nitroaniline	0.0100	0.0266
4,6-Dinitro-2-methylphenol	0.0300	0.0660
4-Bromophenyl phenyl ether	0.0100	0.0266
4-Chloro-3-methylphenol	0.0100	0.0266
4-Chloroaniline	0.0300	0.0660
4-Chlorophenyl phenyl ether	0.0100	0.0266
4-Methylphenol	0.0200	0.0266
4-Nitroaniline	0.0100	0.0266
4-Nitrophenol	0.0500	0.132
Acenaphthene	0.0100	0.0266
Acenaphthylene	0.0100	0.0266
Acetophenone	0.0100	0.0266
Anthracene	0.0100	0.0266
Atrazine	0.0100	0.0266
Benzaldehyde	0.0100	0.0266
Benzo[a]anthracene	0.0100	0.0266
Benzo[a]pyrene	0.0100	0.0266
Benzo[b]fluoranthene	0.0100	0.0266
Benzo[g,h,i]perylene	0.0100	0.0266
Benzo[k]fluoranthene	0.0100	0.0266
Benzoic acid	0.0500	0.132
Benzyl alcohol	0.0100	0.0660
Biphenyl	0.0100	0.0266
Bis(2-chloroethoxy)methane	0.0100	0.0266
Bis(2-chloroethyl)ether	0.0100	0.0266
Bis(2-chloroisopropyl)ether	0.0100	0.0266
Bis(2-ethylhexyl)phthalate	0.0300	0.0660
Butyl benzyl phthalate	0.0400	0.0660
Caprolactam	0.0200	0.0266
Carbazole	0.0100	0.0266
Chrysene	0.0100	0.0266
Di-n-butyl phthalate	0.0400	0.0660
Di-n-octyl phthalate	0.0400	0.0660
Dibenz[a,h]anthracene	0.0100	0.0266
Dibenzofuran	0.0100	0.0266
Diethyl phthalate	0.0400	0.0660
Dimethyl phthalate	0.0400	0.0660
Fluoranthene	0.0100	0.0266
Fluorene	0.0100	0.0266
Hexachlorobenzene	0.0100	0.0266
Hexachlorobutadiene	0.0100	0.0266
Hexachlorocyclopentadiene	0.0300	0.0660
Hexachloroethane	0.0100	0.0266
Indeno[1,2,3-cd]pyrene	0.0100	0.0266
Isophorone	0.0100	0.0266
N-Nitrosodi-n-propylamine	0.0100	0.0266
N-Nitrosodiphenylamine	0.0100	0.0266
Naphthalene	0.0100	0.0266
Nitrobenzene	0.0100	0.0266
Pentachlorophenol	0.0100	0.0266
Phenanthrene	0.0100	0.0266
Phenol	0.0100	0.0266
Pyrene	0.0100	0.0266

TestNo: SW8270D	MDL	MQL

Qualifiers:
MQL - Method Quantitation Limit as defined by TRRP
MDL - Method Detection Limit as defined by TRRP

CLIENT: Weston Solutions, Inc.
Work Order: 1106136
Project: Encycle

MQL SUMMARY REPORT

Analyte	mg/L	mg/L
2,4,5-Trichlorophenol	0.000200	0.000800
2,4,6-Trichlorophenol	0.000200	0.000800
2,4-Dichlorophenol	0.000200	0.000800
2,4-Dimethylphenol	0.000400	0.000800
2,4-Dinitrophenol	0.00100	0.00400
2,4-Dinitrotoluene	0.000200	0.000800
2,6-Dinitrotoluene	0.000200	0.000800
2-Chloronaphthalene	0.000200	0.000800
2-Chlorophenol	0.000200	0.000800
2-Methylnaphthalene	0.000200	0.000800
2-Methylphenol	0.000200	0.000800
2-Nitroaniline	0.000200	0.000800
2-Nitrophenol	0.000400	0.000800
3,3′-Dichlorobenzidine	0.000400	0.000800
3-Nitroaniline	0.000200	0.000800
4,6-Dinitro-2-methylphenol	0.000500	0.00200
4-Bromophenyl phenyl ether	0.000200	0.000800
4-Chloro-3-methylphenol	0.000200	0.000800
4-Chloroaniline	0.000500	0.00200
4-Chlorophenyl phenyl ether	0.000200	0.000800
4-Methylphenol	0.000200	0.000800
4-Nitroaniline	0.000400	0.000800
4-Nitrophenol	0.00100	0.00400
Acenaphthene	0.000200	0.000800
Acenaphthylene	0.000200	0.000800
Acetophenone	0.000200	0.000800
Anthracene	0.000200	0.000800
Atrazine	0.000200	0.000800
Benzaldehyde	0.000400	0.000800
Benzo[a]anthracene	0.000400	0.000800
Benzo[a]pyrene	0.000200	0.000800
Benzo[b]fluoranthene	0.000400	0.000800
Benzo[g,h,i]perylene	0.000400	0.000800
Benzo[k]fluoranthene	0.000400	0.000800
Benzoic acid	0.00200	0.00600
Benzyl alcohol	0.000500	0.00200
Biphenyl	0.000200	0.000800
Bis(2-chloroethoxy)methane	0.000200	0.000800
Bis(2-chloroethyl)ether	0.000200	0.000800
Bis(2-chloroisopropyl)ether	0.000200	0.000800
Bis(2-ethylhexyl)phthalate	0.00100	0.00300
Butyl benzyl phthalate	0.00200	0.00600
Caprolactam	0.000200	0.000800
Carbazole	0.000200	0.000800
Chrysene	0.000400	0.000800
Di-n-butyl phthalate	0.00200	0.00600
Di-n-octyl phthalate	0.00200	0.00600
Dibenz[a,h]anthracene	0.000200	0.000800
Dibenzofuran	0.000200	0.000800
Diethyl phthalate	0.00200	0.00600
Dimethyl phthalate	0.00200	0.00600
Fluoranthene	0.000200	0.000800
Fluorene	0.000200	0.000800
Hexachlorobenzene	0.000200	0.000800
Hexachlorobutadiene	0.000200	0.000800
Hexachlorocyclopentadiene	0.000500	0.00200
Hexachloroethane	0.000200	0.000800
Indeno[1,2,3-cd]pyrene	0.000400	0.000800
Isophorone	0.000200	0.000800
N-Nitrosodi-n-propylamine	0.000100	0.000800
N-Nitrosodiphenylamine	0.000200	0.000800
Naphthalene	0.000200	0.000800
Nitrobenzene	0.000400	0.000800
Pentachlorophenol	0.000400	0.000800
Phenanthrene	0.000200	0.000800
Phenol	0.000400	0.000800
Pyrene	0.000400	0.000800

Qualifiers:
MQL - Method Quantitation Limit as defined by TRRP
MDL - Method Detection Limit as defined by TRRP

APPENDIX B

LABORATORY NELAP ACCREDITATION CERTIFICATE

Texas Commission on Environmental Quality

NELAP-Recognized Laboratory Accreditation is hereby awarded to

DHL Analytical, Inc.

2300 Double Creek Drive
Round Rock, TX 78664-3801

in accordance with Texas Water Code Chapter 5, Subchapter R, Title 30 Texas Administrative Code Chapter 25, and the National Environmental Laboratory Accreditation Program.

The laboratory's scope of accreditation includes the fields of accreditation that accompany this certificate. Continued accreditation depends upon successful ongoing participation in the program. The Texas Commission on Environmental Quality urges customers to verify the laboratory's current accreditation status for particular methods and analyses.

Certificate Number: T104704211-11-6
Effective Date: 5/1/2011
Expiration Date: 4/30/2012

Executive Director Texas Commission on Environmental Quality

Texas Commission on Environmental Quality

NELAP - Recognized Laboratory Fields of Accreditation

Certificate:	**T104704211-11-6**
Expiration Date:	**4/30/2012**
Issue Date:	**5/1/2011**

DHL Analytical, Inc.

2300 Double Creek Drive
Round Rock, TX 78664-3801

These fields of accreditation supercedeall previous fields. The Texas Commission on Environmental Quality urges customers to verify the laboratory's current accreditation status for particular methods and analyses.

Matrix: ***Non-Potable Water***

Method EPA 1010

Analyte	AB	Analyte ID	Method ID
Ignitability	TX	1780	10116606

Method EPA 120.1

Analyte	AB	Analyte ID	Method ID
Conductivity	TX	1610	10006403

Method EPA 1311

Analyte	AB	Analyte ID	Method ID
TCLP	TX	849	10118806

Method EPA 1312

Analyte	AB	Analyte ID	Method ID
SPLP	TX	850	10119003

Method EPA 150.1

Analyte	AB	Analyte ID	Method ID
pH	TX	1900	10008409

Method EPA 160.1

Analyte	AB	Analyte ID	Method ID
Residue-filterable (TDS)	TX	1955	10009208

Method EPA 160.2

Analyte	AB	Analyte ID	Method ID
Residue-nonfilterable (TSS)	TX	1960	10009606

Method EPA 180.1

Analyte	AB	Analyte ID	Method ID
Turbidity	TX	2055	10011606

Method EPA 200.8

Analyte	AB	Analyte ID	Method ID
Aluminum	TX	1000	10014605
Antimony	TX	1005	10014605
Arsenic	TX	1010	10014605
Barium	TX	1015	10014605
Beryllium	TX	1020	10014605

Texas Commission on Environmental Quality

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Matrix: ***Non-Potable Water***

Boron	TX	1025	10014605
Cadmium	TX	1030	10014605
Calcium	TX	1035	10014605
Chromium	TX	1040	10014605
Cobalt	TX	1050	10014605
Copper	TX	1055	10014605
Iron	TX	1070	10014605
Lead	TX	1075	10014605
Magnesium	TX	1085	10014605
Manganese	TX	1090	10014605
Molybdenum	TX	1100	10014605
Nickel	TX	1105	10014605
Potassium	TX	1125	10014605
Selenium	TX	1140	10014605
Silver	TX	1150	10014605
Sodium	TX	1155	10014605
Strontium	TX	1160	10014605
Thallium	TX	1165	10014605
Tin	TX	1175	10014605
Titanium	TX	1180	10014605
Vanadium	TX	1185	10014605
Zinc	TX	1190	10014605

Method EPA 245.1

Analyte	**AB**	**Analyte ID**	**Method ID**
Mercury	TX	1095	10036609

Method EPA 300.0

Analyte	**AB**	**Analyte ID**	**Method ID**
Bromide	TX	1540	10053006
Chloride	TX	1575	10053006
Fluoride	TX	1730	10053006
Nitrate as N	TX	1810	10053006

Texas Commission on Environmental Quality

NELAP - Recognized Laboratory Fields of Accreditation

Certificate:	T104704211-11-6
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Matrix: *Non-Potable Water*

Nitrate-nitrite	TX	1820	10053006
Nitrite as N	TX	1840	10053006
Sulfate	TX	2000	10053006

Method EPA 305.1

Analyte	AB	Analyte ID	Method ID
Acidity, as CaCO3	TX	1500	10054203

Method EPA 310.1

Analyte	AB	Analyte ID	Method ID
Alkalinity as CaCO3	TX	1505	10054805

Method EPA 335.1

Analyte	AB	Analyte ID	Method ID
Amenable cyanide	TX	1510	10060001

Method EPA 335.2

Analyte	AB	Analyte ID	Method ID
Total cyanide	TX	1645	10060205

Method EPA 365.2

Analyte	AB	Analyte ID	Method ID
Orthophosphate as P	TX	1870	10070403
Phosphorus	TX	1910	10070403

Method EPA 370.1

Analyte	AB	Analyte ID	Method ID
Silica-dissolved	TX	1995	10072001

Method EPA 376.2

Analyte	AB	Analyte ID	Method ID
Sulfide	TX	2005	10074609

Method EPA 415.1

Analyte	AB	Analyte ID	Method ID
Total Organic Carbon (TOC)	TX	2040	10078407

Method EPA 602

Analyte	AB	Analyte ID	Method ID
Benzene	TX	4375	10102202

Texas Commission on Environmental Quality

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Matrix: ***Non-Potable Water***

Ethylbenzene	TX	4765	10102202
m+p-xylene	TX	5240	10102202
Methyl tert-butyl ether (MTBE)	TX	5000	10102202
o-Xylene	TX	5250	10102202
Toluene	TX	5140	10102202
Xylene (total)	TX	5260	10102202

Method EPA 6020

Analyte	AB	Analyte ID	Method ID
Aluminum	TX	1000	10156204
Antimony	TX	1005	10156204
Arsenic	TX	1010	10156204
Barium	TX	1015	10156204
Beryllium	TX	1020	10156204
Boron	TX	1025	10156204
Cadmium	TX	1030	10156204
Calcium	TX	1035	10156204
Chromium	TX	1040	10156204
Cobalt	TX	1050	10156204
Copper	TX	1055	10156204
Iron	TX	1070	10156204
Lead	TX	1075	10156204
Lithium	TX	1080	10156204
Magnesium	TX	1085	10156204
Manganese	TX	1090	10156204
Molybdenum	TX	1100	10156204
Nickel	TX	1105	10156204
Potassium	TX	1125	10156204
Selenium	TX	1140	10156204
Silver	TX	1150	10156204
Sodium	TX	1155	10156204

Texas Commission on Environmental Quality

NELAP - Recognized Laboratory Fields of Accreditation

Certificate: T104704211-11-6
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Matrix: ***Non-Potable Water***

Strontium	TX	1160	10156204
Thallium	TX	1165	10156204
Tin	TX	1175	10156204
Titanium	TX	1180	10156204
Vanadium	TX	1185	10156204
Zinc	TX	1190	10156204

Method EPA 608

Analyte	AB	Analyte ID	Method ID
Aroclor-1016 (PCB-1016)	TX	8880	10103603
Aroclor-1221 (PCB-1221)	TX	8885	10103603
Aroclor-1232 (PCB-1232)	TX	8890	10103603
Aroclor-1242 (PCB-1242)	TX	8895	10103603
Aroclor-1248 (PCB-1248)	TX	8900	10103603
Aroclor-1254 (PCB-1254)	TX	8905	10103603
Aroclor-1260 (PCB-1260)	TX	8910	10103603

Method EPA 624

Analyte	AB	Analyte ID	Method ID
1,1,1-Trichloroethane	TX	5160	10107207
1,1,2,2-Tetrachloroethane	TX	5110	10107207
1,1,2-Trichloroethane	TX	5165	10107207
1,1-Dichloroethane	TX	4630	10107207
1,1-Dichloroethylene	TX	4640	10107207
1,2-Dibromoethane (EDB, Ethylene dibromide)	TX	4585	10107207
1,2-Dichlorobenzene	TX	4610	10107207
1,2-Dichloroethane (Ethylene dichloride)	TX	4635	10107207
1,2-Dichloropropane	TX	4655	10107207
1,3-Dichlorobenzene	TX	4615	10107207
1,4-Dichlorobenzene	TX	4620	10107207
2-Butanone (Methyl ethyl ketone, MEK)	TX	4410	10107207
2-Chloroethyl vinyl ether	TX	4500	10107207
Acetone (2-Propanone)	TX	4315	10107207

Texas Commission on Environmental Quality

NELAP - Recognized Laboratory Fields of Accreditation

Certificate:	**T104704211-11-6**
Expiration Date:	**4/30/2012**
Issue Date:	**5/1/2011**

DHL Analytical, Inc.

2300 Double Creek Drive
Round Rock, TX 78664-3801

These fields of accreditation supercedeall previous fields. The Texas Commission on Environmental Quality urges customers to verify the laboratory's current accreditation status for particular methods and analyses.

Matrix: *Non-Potable Water*

Acrolein (Propenal)	TX	4325	10107207
Acrylonitrile	TX	4340	10107207
Benzene	TX	4375	10107207
Bromodichloromethane	TX	4395	10107207
Bromoform	TX	4400	10107207
Carbon tetrachloride	TX	4455	10107207
Chlorobenzene	TX	4475	10107207
Chlorodibromomethane	TX	4575	10107207
Chloroethane (Ethyl chloride)	TX	4485	10107207
Chloroform	TX	4505	10107207
cis-1,2-Dichloroethylene	TX	4645	10107207
cis-1,3-Dichloropropene	TX	4680	10107207
Ethylbenzene	TX	4765	10107207
m+p-xylene	TX	5240	10107207
Methyl bromide (Bromomethane)	TX	4950	10107207
Methyl chloride (Chloromethane)	TX	4960	10107207
Methyl tert-butyl ether (MTBE)	TX	5000	10107207
Methylene chloride (Dichloromethane)	TX	4975	10107207
Naphthalene	TX	5005	10107207
o-Xylene	TX	5250	10107207
Tetrachloroethylene (Perchloroethylene)	TX	5115	10107207
Toluene	TX	5140	10107207
Total trihalomethanes	TX	5205	10107207
trans-1,2-Dichloroethylene	TX	4700	10107207
trans-1,3-Dichloropropylene	TX	4685	10107207
Trichloroethene (Trichloroethylene)	TX	5170	10107207
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	TX	5175	10107207
Vinyl chloride	TX	5235	10107207
Xylene (total)	TX	5260	10107207

Texas Commission on Environmental Quality

NELAP - Recognized Laboratory Fields of Accreditation

Certificate:	**T104704211-11-6**
Expiration Date:	**4/30/2012**
Issue Date:	**5/1/2011**

DHL Analytical, Inc.

2300 Double Creek Drive
Round Rock, TX 78664-3801

These fields of accreditation supercedeall previous fields. The Texas Commission on Environmental Quality urges customers to verify the laboratory's current accreditation status for particular methods and analyses.

Matrix: ***Non-Potable Water***

Method EPA 625

Analyte	AB	Analyte ID	Method ID
1,2,4,5-Tetrachlorobenzene	TX	6715	10107401
1,2,4-Trichlorobenzene	TX	5155	10107401
1,2-Dichlorobenzene	TX	4610	10107401
1,2-Diphenylhydrazine	TX	6220	10107401
1,3-Dichlorobenzene	TX	4615	10107401
1,4-Dichlorobenzene	TX	4620	10107401
2,3,4,6-Tetrachlorophenol	TX	6735	10107401
2,4,5-Trichlorophenol	TX	6835	10107401
2,4,6-Trichlorophenol	TX	6840	10107401
2,4-Dichlorophenol	TX	6000	10107401
2,4-Dimethylphenol	TX	6130	10107401
2,4-Dinitrophenol	TX	6175	10107401
2,4-Dinitrotoluene (2,4-DNT)	TX	6185	10107401
2,6-Dinitrotoluene (2,6-DNT)	TX	6190	10107401
2-Chloronaphthalene	TX	5795	10107401
2-Chlorophenol	TX	5800	10107401
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	TX	6360	10107401
2-Methylphenol (o-Cresol)	TX	6400	10107401
2-Nitrophenol	TX	6490	10107401
3,3'-Dichlorobenzidine	TX	5945	10107401
4,4'-DDD	TX	7355	10107401
4,4'-DDE	TX	7360	10107401
4,4'-DDT	TX	7365	10107401
4-Bromophenyl phenyl ether (BDE-3)	TX	5660	10107401
4-Chloro-3-methylphenol	TX	5700	10107401
4-Chlorophenyl phenylether	TX	5825	10107401
4-Methylphenol (p-Cresol)	TX	6410	10107401
4-Nitrophenol	TX	6500	10107401

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Certificate:	**T104704211-11-6**
Expiration Date:	**4/30/2012**
Issue Date:	**5/1/2011**

DHL Analytical, Inc.

2300 Double Creek Drive
Round Rock, TX 78664-3801

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Matrix: *Non-Potable Water*

Acenaphthene	TX	5500	10107401
Acenaphthylene	TX	5505	10107401
Aldrin	TX	7025	10107401
alpha-BHC (alpha-Hexachlorocyclohexane)	TX	7110	10107401
alpha-Chlordane	TX	7240	10107401
Anthracene	TX	5555	10107401
Aroclor-1016 (PCB-1016)	TX	8880	10107401
Aroclor-1221 (PCB-1221)	TX	8885	10107401
Aroclor-1232 (PCB-1232)	TX	8890	10107401
Aroclor-1242 (PCB-1242)	TX	8895	10107401
Aroclor-1248 (PCB-1248)	TX	8900	10107401
Aroclor-1254 (PCB-1254)	TX	8905	10107401
Aroclor-1260 (PCB-1260)	TX	8910	10107401
Benzidine	TX	5595	10107401
Benzo(a)anthracene	TX	5575	10107401
Benzo(a)pyrene	TX	5580	10107401
Benzo(b)fluoranthene	TX	5585	10107401
Benzo(g,h,i)perylene	TX	5590	10107401
Benzo(k)fluoranthene	TX	5600	10107401
beta-BHC (beta-Hexachlorocyclohexane)	TX	7115	10107401
bis(2-Chloroethoxy)methane	TX	5760	10107401
bis(2-Chloroethyl) ether	TX	5765	10107401
bis(2-Chloroisopropyl) ether	TX	5780	10107401
bis(2-Ethylhexyl) phthalate (DEHP)	TX	6255	10107401
Butyl benzyl phthalate	TX	5670	10107401
Chrysene	TX	5855	10107401
delta-BHC (delta-Hexachlorocyclohexane)	TX	7105	10107401
Dibenz(a,h) anthracene	TX	5895	10107401
Dieldrin	TX	7470	10107401
Diethyl phthalate	TX	6070	10107401

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Matrix: *Non-Potable Water*

Dimethyl phthalate	TX	6135	10107401
Di-n-butyl phthalate	TX	5925	10107401
Di-n-octyl phthalate	TX	6200	10107401
Endosulfan I	TX	7510	10107401
Endosulfan II	TX	7515	10107401
Endosulfan sulfate	TX	7520	10107401
Endrin	TX	7540	10107401
Endrin aldehyde	TX	7530	10107401
Fluoranthene	TX	6265	10107401
Fluorene	TX	6270	10107401
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	TX	7120	10107401
gamma-Chlordane	TX	7245	10107401
Heptachlor	TX	7685	10107401
Heptachlor epoxide	TX	7690	10107401
Hexachlorobenzene	TX	6275	10107401
Hexachlorobutadiene	TX	4835	10107401
Hexachlorocyclopentadiene	TX	6285	10107401
Hexachloroethane	TX	4840	10107401
Indeno(1,2,3-cd) pyrene	TX	6315	10107401
Isophorone	TX	6320	10107401
Naphthalene	TX	5005	10107401
Nitrobenzene	TX	5015	10107401
n-Nitrosodiethylamine	TX	6525	10107401
n-Nitrosodimethylamine	TX	6530	10107401
n-Nitrosodi-n-butylamine	TX	5025	10107401
n-Nitrosodi-n-propylamine	TX	6545	10107401
n-Nitrosodiphenylamine	TX	6535	10107401
Pentachlorobenzene	TX	6590	10107401
Pentachlorophenol	TX	6605	10107401
Phenanthrene	TX	6615	10107401

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Matrix: ***Non-Potable Water***

Phenol	TX	6625	10107401
Pyrene	TX	6665	10107401
Pyridine	TX	5095	10107401
Toxaphene (Chlorinated camphene)	TX	8250	10107401

Method EPA 7196

Analyte	AB	Analyte ID	Method ID
Chromium VI	TX	1045	10162400

Method EPA 7470

Analyte	AB	Analyte ID	Method ID
Mercury	TX	1095	10165807

Method EPA 8011

Analyte	AB	Analyte ID	Method ID
1,2-Dibromoethane (EDB, Ethylene dibromide)	TX	4585	10173009

Method EPA 8015

Analyte	AB	Analyte ID	Method ID
Diesel range organics (DRO)	TX	9369	10173203
Ethylene glycol	TX	4785	10173203
Gasoline range organics (GRO)	TX	9408	10173203
Propylene Glycol	TX	6657	10173203

Method EPA 8021

Analyte	AB	Analyte ID	Method ID
Benzene	TX	4375	10174808
Ethylbenzene	TX	4765	10174808
m+p-xylene	TX	5240	10174808
Methyl tert-butyl ether (MTBE)	TX	5000	10174808
o-Xylene	TX	5250	10174808
Toluene	TX	5140	10174808
Xylene (total)	TX	5260	10174808

Method EPA 8082

Analyte	AB	Analyte ID	Method ID
Aroclor-1016 (PCB-1016)	TX	8880	10179007

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Matrix: ***Non-Potable Water***

Aroclor-1221 (PCB-1221)	TX	8885	10179007
Aroclor-1232 (PCB-1232)	TX	8890	10179007
Aroclor-1242 (PCB-1242)	TX	8895	10179007
Aroclor-1248 (PCB-1248)	TX	8900	10179007
Aroclor-1254 (PCB-1254)	TX	8905	10179007
Aroclor-1260 (PCB-1260)	TX	8910	10179007
PCBs (total)	TX	8870	10179007

Method EPA 8260

Analyte	AB	Analyte ID	Method ID
1,1,1,2-Tetrachloroethane	TX	5105	10184802
1,1,1-Trichloroethane	TX	5160	10184802
1,1,2,2-Tetrachloroethane	TX	5110	10184802
1,1,2-Trichloroethane	TX	5165	10184802
1,1-Dichloroethane	TX	4630	10184802
1,1-Dichloroethylene	TX	4640	10184802
1,1-Dichloropropene	TX	4670	10184802
1,2,3-Trichlorobenzene	TX	5150	10184802
1,2,3-Trichloropropane	TX	5180	10184802
1,2,4-Trichlorobenzene	TX	5155	10184802
1,2,4-Trimethylbenzene	TX	5210	10184802
1,2-Dibromo-3-chloropropane (DBCP)	TX	4570	10184802
1,2-Dibromoethane (EDB, Ethylene dibromide)	TX	4585	10184802
1,2-Dichlorobenzene	TX	4610	10184802
1,2-Dichloroethane (Ethylene dichloride)	TX	4635	10184802
1,2-Dichloropropane	TX	4655	10184802
1,3,5-Trimethylbenzene	TX	5215	10184802
1,3-Dichlorobenzene	TX	4615	10184802
1,3-Dichloropropane	TX	4660	10184802
1,4-Dichlorobenzene	TX	4620	10184802
1-Chlorohexane	TX	4510	10184802

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Matrix: *Non-Potable Water*

2,2-Dichloropropane	TX	4665	10184802
2-Butanone (Methyl ethyl ketone, MEK)	TX	4410	10184802
2-Chloroethyl vinyl ether	TX	4500	10184802
2-Chlorotoluene	TX	4535	10184802
2-Hexanone (MBK)	TX	4860	10184802
4-Chlorotoluene	TX	4540	10184802
4-Isopropyltoluene (p-Cymene)	TX	4915	10184802
4-Methyl-2-pentanone (MIBK)	TX	4995	10184802
Acetone (2-Propanone)	TX	4315	10184802
Acrolein (Propenal)	TX	4325	10184802
Acrylonitrile	TX	4340	10184802
Benzene	TX	4375	10184802
Bromobenzene	TX	4385	10184802
Bromochloromethane	TX	4390	10184802
Bromodichloromethane	TX	4395	10184802
Bromoform	TX	4400	10184802
Carbon disulfide	TX	4450	10184802
Carbon tetrachloride	TX	4455	10184802
Chlorobenzene	TX	4475	10184802
Chlorodibromomethane	TX	4575	10184802
Chloroethane (Ethyl chloride)	TX	4485	10184802
Chloroform	TX	4505	10184802
cis-1,2-Dichloroethylene	TX	4645	10184802
cis-1,3-Dichloropropene	TX	4680	10184802
Dibromomethane (Methylene bromide)	TX	4595	10184802
Dichlorodifluoromethane (Freon-12)	TX	4625	10184802
Ethylbenzene	TX	4765	10184802
Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)	TX	4770	10184802
Hexachlorobutadiene	TX	4835	10184802
Iodomethane (Methyl iodide)	TX	4870	10184802

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Matrix: *Non-Potable Water*

Isopropyl ether	TX	4905	10184802
Isopropylbenzene (Cumene)	TX	4900	10184802
m+p-xylene	TX	5240	10184802
Methyl acetate	TX	4940	10184802
Methyl bromide (Bromomethane)	TX	4950	10184802
Methyl chloride (Chloromethane)	TX	4960	10184802
Methyl tert-butyl ether (MTBE)	TX	5000	10184802
Methylcyclohexane	TX	4965	10184802
Methylene chloride (Dichloromethane)	TX	4975	10184802
Naphthalene	TX	5005	10184802
n-Butylbenzene	TX	4435	10184802
n-Propylbenzene	TX	5090	10184802
o-Xylene	TX	5250	10184802
sec-Butylbenzene	TX	4440	10184802
Styrene	TX	5100	10184802
T-amylmethylether (TAME)	TX	4370	10184802
tert-Butyl alcohol	TX	4420	10184802
tert-Butylbenzene	TX	4445	10184802
Tetrachloroethylene (Perchloroethylene)	TX	5115	10184802
Toluene	TX	5140	10184802
Total trihalomethanes	TX	5205	10184802
trans-1,2-Dichloroethylene	TX	4700	10184802
trans-1,3-Dichloropropylene	TX	4685	10184802
trans-1,4-Dichloro-2-butene	TX	4605	10184802
Trichloroethene (Trichloroethylene)	TX	5170	10184802
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	TX	5175	10184802
Trichlorotrifluoroethane	TX	5185	10184802
Vinyl acetate	TX	5225	10184802
Vinyl chloride	TX	5235	10184802
Xylene (total)	TX	5260	10184802

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Matrix: ***Non-Potable Water***

Method EPA 8270

Analyte	AB	Analyte ID	Method ID
1,2,4,5-Tetrachlorobenzene	TX	6715	10185805
1,2,4-Trichlorobenzene	TX	5155	10185805
1,2-Dichlorobenzene	TX	4610	10185805
1,2-Diphenylhydrazine	TX	6220	10185805
1,3-Dichlorobenzene	TX	4615	10185805
1,4-Dichlorobenzene	TX	4620	10185805
1-Naphthylamine	TX	6425	10185805
2,3,4,6-Tetrachlorophenol	TX	6735	10185805
2,4,5-Trichlorophenol	TX	6835	10185805
2,4,6-Trichlorophenol	TX	6840	10185805
2,4-Dichlorophenol	TX	6000	10185805
2,4-Dimethylphenol	TX	6130	10185805
2,4-Dinitrophenol	TX	6175	10185805
2,4-Dinitrotoluene (2,4-DNT)	TX	6185	10185805
2,6-Dichlorophenol	TX	6005	10185805
2,6-Dinitrotoluene (2,6-DNT)	TX	6190	10185805
2-Chloronaphthalene	TX	5795	10185805
2-Chlorophenol	TX	5800	10185805
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	TX	6360	10185805
2-Methylnaphthalene	TX	6385	10185805
2-Methylphenol (o-Cresol)	TX	6400	10185805
2-Naphthylamine	TX	6430	10185805
2-Nitroaniline	TX	6460	10185805
2-Nitrophenol	TX	6490	10185805
2-Picoline (2-Methylpyridine)	TX	5050	10185805
3,3'-Dichlorobenzidine	TX	5945	10185805
3-Methylcholanthrene	TX	6355	10185805
3-Nitroaniline	TX	6465	10185805

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Matrix: *Non-Potable Water*

4,4'-DDD	TX	7355	10185805
4,4'-DDE	TX	7360	10186002
4,4'-DDT	TX	7365	10185805
4-Aminobiphenyl	TX	5540	10185805
4-Bromophenyl phenyl ether (BDE-3)	TX	5660	10185805
4-Chloro-3-methylphenol	TX	5700	10185805
4-Chloroaniline	TX	5745	10185805
4-Chlorophenyl phenylether	TX	5825	10185805
4-Dimethyl aminoazobenzene	TX	6105	10185805
4-Methylphenol (p-Cresol)	TX	6410	10185805
4-Nitroaniline	TX	6470	10185805
4-Nitrophenol	TX	6500	10185805
7,12-Dimethylbenz(a) anthracene	TX	6115	10185805
a-a-Dimethylphenethylamine	TX	6125	10185805
Acenaphthene	TX	5500	10185805
Acenaphthylene	TX	5505	10185805
Acetophenone	TX	5510	10185805
Aldrin	TX	7025	10186002
alpha-BHC (alpha-Hexachlorocyclohexane)	TX	7110	10186002
alpha-Chlordane	TX	7240	10185601
Aniline	TX	5545	10185805
Anthracene	TX	5555	10185805
Aroclor-1016 (PCB-1016)	TX	8880	10186002
Aroclor-1221 (PCB-1221)	TX	8885	10185203
Aroclor-1232 (PCB-1232)	TX	8890	10185407
Aroclor-1242 (PCB-1242)	TX	8895	10185203
Aroclor-1248 (PCB-1248)	TX	8900	10186002
Aroclor-1254 (PCB-1254)	TX	8905	10185601
Aroclor-1260 (PCB-1260)	TX	8910	10185203
Atrazine	TX	7065	10185805

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Matrix: *Non-Potable Water*

Azinphos-methyl (Guthion)	TX	7075	10185805
Benzidine	TX	5595	10185805
Benzo(a)anthracene	TX	5575	10185805
Benzo(a)pyrene	TX	5580	10185805
Benzo(b)fluoranthene	TX	5585	10185805
Benzo(e)pyrene	TX	5605	10185805
Benzo(g,h,i)perylene	TX	5590	10185805
Benzo(k)fluoranthene	TX	5600	10185805
Benzoic acid	TX	5610	10185805
Benzyl alcohol	TX	5630	10185805
beta-BHC (beta-Hexachlorocyclohexane)	TX	7115	10185203
Biphenyl	TX	5640	10185805
bis(2-Chloroethoxy)methane	TX	5760	10185805
bis(2-Chloroethyl) ether	TX	5765	10185805
bis(2-Chloroisopropyl) ether	TX	5780	10185805
bis(2-Ethylhexyl) phthalate (DEHP)	TX	6255	10185805
Butyl benzyl phthalate	TX	5670	10185805
Caprolactam	TX	7180	10185805
Carbaryl (Sevin)	TX	7195	10185407
Carbazole	TX	5680	10185805
Carbophenothion	TX	7220	10185407
Chlordane (tech.)	TX	7250	10185203
Chlorfenvinphos	TX	7255	10185805
Chrysene	TX	5855	10185805
Coumaphos	TX	7315	10186002
Crotoxyphos	TX	7330	10185407
delta-BHC (delta-Hexachlorocyclohexane)	TX	7105	10185805
Demeton	TX	7390	10185407
Demeton-o	TX	7395	10185203
Demeton-s	TX	7385	10185601

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Matrix: *Non-Potable Water*

Dibenz(a,h) anthracene	TX	5895	10185805
Dibenzofuran	TX	5905	10185805
Dichlorovos (DDVP, Dichlorvos)	TX	8610	10186002
Dicrotophos	TX	7465	10185407
Dieldrin	TX	7470	10186002
Diethyl phthalate	TX	6070	10185805
Dimethoate	TX	7475	10185805
Dimethyl phthalate	TX	6135	10185805
Di-n-butyl phthalate	TX	5925	10185805
Di-n-octyl phthalate	TX	6200	10185805
Dioxathion	TX	7495	10185203
Diphenylamine	TX	6205	10185805
Disulfoton	TX	8625	10185601
Endosulfan I	TX	7510	10185805
Endosulfan II	TX	7515	10185203
Endosulfan sulfate	TX	7520	10185601
Endrin	TX	7540	10185203
Endrin aldehyde	TX	7530	10185805
Endrin ketone	TX	7535	10186002
EPN (Phosphonothioic acid, phenyl-, O-ethyl O-(p-nitrophenyl) ester)	TX	7550	10186002
Ethion	TX	7565	10185805
Ethyl methanesulfonate	TX	6260	10185805
Famphur	TX	7580	10185407
Fensulfothion	TX	7600	10185203
Fenthion	TX	7605	10186002
Fluoranthene	TX	6265	10185805
Fluorene	TX	6270	10185805
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	TX	7120	10185203
gamma-Chlordane	TX	7245	10185203
Heptachlor	TX	7685	10185601

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Matrix: *Non-Potable Water*

Heptachlor epoxide	TX	7690	10185805
Hexachlorobenzene	TX	6275	10185805
Hexachlorobutadiene	TX	4835	10185805
Hexachlorocyclopentadiene	TX	6285	10185805
Hexachloroethane	TX	4840	10185805
Hexachlorophene	TX	6290	10185805
Indeno(1,2,3-cd) pyrene	TX	6315	10185805
Isodrin	TX	7725	10185407
Isophorone	TX	6320	10185805
Leptophos	TX	7755	10186002
Malathion	TX	7770	10186002
Methoxychlor	TX	7810	10185601
Methyl methanesulfonate	TX	6375	10185805
Methyl parathion (Parathion, methyl)	TX	7825	10185203
Mevinphos	TX	7850	10186002
Monocrotophos	TX	7880	10185203
Naled	TX	7905	10185203
Naphthalene	TX	5005	10185805
Nitrobenzene	TX	5015	10185805
n-Nitrosodiethylamine	TX	6525	10185805
n-Nitrosodimethylamine	TX	6530	10185805
n-Nitrosodi-n-butylamine	TX	5025	10185805
n-Nitrosodi-n-propylamine	TX	6545	10185805
n-Nitrosodiphenylamine	TX	6535	10185805
n-Nitrosopiperidine	TX	6560	10185805
Parathion, ethyl	TX	7955	10185805
Pentachlorobenzene	TX	6590	10185805
Pentachloronitrobenzene	TX	6600	10185805
Pentachlorophenol	TX	6605	10185805
Phenacetin	TX	6610	10185805

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Matrix: ***Non-Potable Water***

Phenanthrene	TX	6615	10185805
Phenol	TX	6625	10185805
Phorate	TX	7985	10186002
Phosmet (Imidan)	TX	8000	10186002
Phosphamidon	TX	8005	10185805
Pronamide (Kerb)	TX	6650	10185805
Pyrene	TX	6665	10185805
Pyridine	TX	5095	10185805
Quinoline	TX	6670	10185805
Stirophos (Tetrachlorvinphos)	TX	8200	10186002
Sulfotepp	TX	8155	10186002
Terbufos	TX	8185	10185805
Tetraethyl pyrophosphate (TEPP)	TX	8210	10185407
Toxaphene (Chlorinated camphene)	TX	8250	10185203

Method EPA 8321

Analyte	AB	Analyte ID	Method ID
2,4,5-T	TX	8655	10188804
2,4-D	TX	8545	10188804
2,4-DB	TX	8560	10188804
Dalapon	TX	8555	10188804
Dicamba	TX	8595	10188804
Dichloroprop (Dichlorprop)	TX	8605	10188804
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	TX	8620	10188804
MCPA	TX	7775	10188804
MCPP	TX	7780	10188804
Silvex (2,4,5-TP)	TX	8650	10188804

Method EPA 8330

Analyte	AB	Analyte ID	Method ID
1,3,5-Trinitrobenzene (1,3,5-TNB)	TX	6885	10189807
1,3-Dinitrobenzene (1,3-DNB)	TX	6160	10189807
2,4,6-Trinitrotoluene (2,4,6-TNT)	TX	9651	10189807

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Matrix: ***Non-Potable Water***

2,4-Dinitrotoluene (2,4-DNT)	TX	6185	10189807
2,6-Dinitrotoluene (2,6-DNT)	TX	6190	10189807
2-Amino-4,6-dinitrotoluene (2-am-dnt)	TX	9303	10189807
2-Nitrotoluene	TX	9507	10189807
3-Nitrotoluene	TX	9510	10189807
4-Amino-2,6-dinitrotoluene (4-am-dnt)	TX	9306	10189807
4-Nitrotoluene	TX	9513	10189807
Nitrobenzene	TX	5015	10189807
Nitroglycerin	TX	6485	10189807
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	TX	9522	10189807
Pentaerythritoltetranitrate	TX	9558	10189807
RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)	TX	9432	10189807
Tetryl (methyl-2,4,6-trinitrophenylnitramine)	TX	9633	10189807

Method EPA 9014

Analyte	**AB**	**Analyte ID**	**Method ID**
Amenable cyanide	TX	1510	10193803
Total Cyanide	TX	1635	10193803

Method EPA 9040

Analyte	**AB**	**Analyte ID**	**Method ID**
pH	TX	1900	10197203

Method EPA 9056

Analyte	**AB**	**Analyte ID**	**Method ID**
Bromide	TX	1540	10199209
Chloride	TX	1575	10199209
Fluoride	TX	1730	10199209
Nitrate as N	TX	1810	10199209
Nitrate-nitrite	TX	1820	10199209
Nitrite as N	TX	1840	10199209
Sulfate	TX	2000	10199209

Method EPA 9060

Analyte	**AB**	**Analyte ID**	**Method ID**

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Matrix: *Non-Potable Water*

Total Organic Carbon (TOC)	TX	2040	10200201

Method RSK 175

Analyte	AB	Analyte ID	Method ID
Carbon dioxide	TX	3755	RSK 175
Ethane	TX	4747	RSK 175
Ethene	TX	4752	RSK 175
Methane	TX	4926	RSK 175

Method SM 2130 B

Analyte	AB	Analyte ID	Method ID
Turbidity	TX	2055	20002408

Method SM 2310 B (4a)

Analyte	AB	Analyte ID	Method ID
Acidity, as CaCO3	TX	1500	20002806

Method SM 2320 B

Analyte	AB	Analyte ID	Method ID
Alkalinity as CaCO3	TX	1505	20003003

Method SM 2340 B

Analyte	AB	Analyte ID	Method ID
Total hardness as CaCO3	TX	1755	20003401

Method SM 2510 B

Analyte	AB	Analyte ID	Method ID
Conductivity	TX	1610	20003809

Method SM 2540 C

Analyte	AB	Analyte ID	Method ID
Residue-filterable (TDS)	TX	1955	20004404

Method SM 2540 D

Analyte	AB	Analyte ID	Method ID
Residue-nonfilterable (TSS)	TX	1960	20004802

Method SM 3500-Cr D

Analyte	AB	Analyte ID	Method ID
Chromium	TX	1040	20009001

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Matrix: ***Non-Potable Water***

Method SM 4500-CN⁻ E

Analyte	AB	Analyte ID	Method ID
Total Cyanide	TX	1635	20021209

Method SM 4500-CN⁻ G

Analyte	AB	Analyte ID	Method ID
Amenable cyanide	TX	1510	20021607

Method SM 4500-H+ B

Analyte	AB	Analyte ID	Method ID
pH	TX	1900	20016404

Method SM 4500-NH3 F

Analyte	AB	Analyte ID	Method ID
Ammonia as N	TX	1515	20023001

Method SM 4500-P E

Analyte	AB	Analyte ID	Method ID
Orthophosphate as P	TX	1870	20025803
Phosphorus	TX	1910	20025803

Method SM 4500-S2⁻ D

Analyte	AB	Analyte ID	Method ID
Sulfide	TX	2005	20125400

Method SM 4500-SiO2 D

Analyte	AB	Analyte ID	Method ID
Silica-dissolved	TX	1995	20018206

Method SM 5310 C

Analyte	AB	Analyte ID	Method ID
Total Organic Carbon (TOC)	TX	2040	20028200

Method TCEQ 1005

Analyte	AB	Analyte ID	Method ID
Total Petroleum Hydrocarbons (TPH)	TX	2050	90019208

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Matrix: ***Solid & Chemical Materials***

Method ASTM D2216

Analyte	AB	Analyte ID	Method ID
Moisture	TX	10337	ASTM D2216-05

Method EPA 1010

Analyte	AB	Analyte ID	Method ID
Ignitability	TX	1780	10116606

Method EPA 1311

Analyte	AB	Analyte ID	Method ID
TCLP	TX	849	10118806

Method EPA 1312

Analyte	AB	Analyte ID	Method ID
SPLP	TX	850	10119003

Method EPA 200.8

Analyte	AB	Analyte ID	Method ID
Aluminum	TX	1000	10014605
Antimony	TX	1005	10014605
Arsenic	TX	1010	10014605
Barium	TX	1015	10014605
Beryllium	TX	1020	10014605
Cadmium	TX	1030	10014605
Calcium	TX	1035	10014605
Chromium	TX	1040	10014605
Cobalt	TX	1050	10014605
Copper	TX	1055	10014605
Iron	TX	1070	10014605
Lead	TX	1075	10014605
Magnesium	TX	1085	10014605
Manganese	TX	1090	10014605
Molybdenum	TX	1100	10014605
Nickel	TX	1105	10014605
Potassium	TX	1125	10014605

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Matrix: ***Solid & Chemical Materials***

Selenium	TX	1140	10014605
Silver	TX	1150	10014605
Sodium	TX	1155	10014605
Strontium	TX	1160	10014605
Thallium	TX	1165	10014605
Tin	TX	1175	10014605
Titanium	TX	1180	10014605
Vanadium	TX	1185	10014605
Zinc	TX	1190	10014605

Method EPA 300.0

Analyte	AB	Analyte ID	Method ID
Bromide	TX	1540	10053006
Chloride	TX	1575	10053006
Fluoride	TX	1730	10053006
Nitrate as N	TX	1810	10053006
Nitrate-nitrite	TX	1820	10053006
Nitrite as N	TX	1840	10053006
Sulfate	TX	2000	10053006

Method EPA 310.1

Analyte	AB	Analyte ID	Method ID
Alkalinity as CaCO3	TX	1505	10054805

Method EPA 350.3

Analyte	AB	Analyte ID	Method ID
Ammonia as N	TX	1515	10064401

Method EPA 365.2

Analyte	AB	Analyte ID	Method ID
Orthophosphate as P	TX	1870	10070403
Phosphorus	TX	1910	10070403

Method EPA 6020

Analyte	AB	Analyte ID	Method ID
Aluminum	TX	1000	10156204

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Matrix: ***Solid & Chemical Materials***

Antimony	TX	1005	10156204
Arsenic	TX	1010	10156204
Barium	TX	1015	10156204
Beryllium	TX	1020	10156204
Boron	TX	1025	10156204
Cadmium	TX	1030	10156204
Calcium	TX	1035	10156204
Chromium	TX	1040	10156204
Cobalt	TX	1050	10156204
Copper	TX	1055	10156204
Iron	TX	1070	10156204
Lead	TX	1075	10156204
Lithium	TX	1080	10156204
Magnesium	TX	1085	10156204
Manganese	TX	1090	10156204
Molybdenum	TX	1100	10156204
Nickel	TX	1105	10156204
Potassium	TX	1125	10156204
Selenium	TX	1140	10156204
Silver	TX	1150	10156204
Sodium	TX	1155	10156204
Strontium	TX	1160	10156204
Thallium	TX	1165	10156204
Tin	TX	1175	10156204
Titanium	TX	1180	10156204
Vanadium	TX	1185	10156204
Zinc	TX	1190	10156204

Method EPA 7196

Analyte	**AB**	**Analyte ID**	**Method ID**
Chromium VI	TX	1045	10162400

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Matrix: ***Solid & Chemical Materials***

Method EPA 7470

Analyte	AB	Analyte ID	Method ID
Mercury	TX	1095	10165807

Method EPA 7471

Analyte	AB	Analyte ID	Method ID
Mercury	TX	1095	10166208

Method EPA 8015

Analyte	AB	Analyte ID	Method ID
Diesel range organics (DRO)	TX	9369	10173203
Ethylene glycol	TX	4785	10173203
Gasoline range organics (GRO)	TX	9408	10173203
Propylene Glycol	TX	6657	10173203

Method EPA 8021

Analyte	AB	Analyte ID	Method ID
Benzene	TX	4375	10174808
Ethylbenzene	TX	4765	10174808
m+p-xylene	TX	5240	10174808
Methyl tert-butyl ether (MTBE)	TX	5000	10174808
o-Xylene	TX	5250	10174808
Toluene	TX	5140	10174808
Xylene (total)	TX	5260	10174808

Method EPA 8082

Analyte	AB	Analyte ID	Method ID
Aroclor-1016 (PCB-1016)	TX	8880	10179007
Aroclor-1221 (PCB-1221)	TX	8885	10179007
Aroclor-1232 (PCB-1232)	TX	8890	10179007
Aroclor-1242 (PCB-1242)	TX	8895	10179007
Aroclor-1248 (PCB-1248)	TX	8900	10179007
Aroclor-1254 (PCB-1254)	TX	8905	10179007
Aroclor-1260 (PCB-1260)	TX	8910	10179007
PCBs (total)	TX	8870	10179007

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Matrix: ***Solid & Chemical Materials***

Method EPA 8260

Analyte	AB	Analyte ID	Method ID
1,1,1,2-Tetrachloroethane	TX	5105	10184802
1,1,1-Trichloroethane	TX	5160	10184802
1,1,2,2-Tetrachloroethane	TX	5110	10184802
1,1,2-Trichloroethane	TX	5165	10184802
1,1-Dichloroethane	TX	4630	10184802
1,1-Dichloroethylene	TX	4640	10184802
1,1-Dichloropropene	TX	4670	10184802
1,2,3-Trichlorobenzene	TX	5150	10184802
1,2,3-Trichloropropane	TX	5180	10184802
1,2,4-Trichlorobenzene	TX	5155	10184802
1,2,4-Trimethylbenzene	TX	5210	10184802
1,2-Dibromo-3-chloropropane (DBCP)	TX	4570	10184802
1,2-Dibromoethane (EDB, Ethylene dibromide)	TX	4585	10184802
1,2-Dichlorobenzene	TX	4610	10184802
1,2-Dichloroethane (Ethylene dichloride)	TX	4635	10184802
1,2-Dichloropropane	TX	4655	10184802
1,3,5-Trimethylbenzene	TX	5215	10184802
1,3-Dichlorobenzene	TX	4615	10184802
1,3-Dichloropropane	TX	4660	10184802
1,4-Dichlorobenzene	TX	4620	10184802
1-Chlorohexane	TX	4510	10184802
2,2-Dichloropropane	TX	4665	10184802
2-Butanone (Methyl ethyl ketone, MEK)	TX	4410	10184802
2-Chloroethyl vinyl ether	TX	4500	10184802
2-Chlorotoluene	TX	4535	10184802
2-Hexanone (MBK)	TX	4860	10184802
4-Chlorotoluene	TX	4540	10184802
4-Isopropyltoluene (p-Cymene)	TX	4915	10184802

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Matrix: *Solid & Chemical Materials*

4-Methyl-2-pentanone (MIBK)	TX	4995	10184802
Acetone (2-Propanone)	TX	4315	10184802
Acrolein (Propenal)	TX	4325	10184802
Acrylonitrile	TX	4340	10184802
Benzene	TX	4375	10184802
Bromobenzene	TX	4385	10184802
Bromochloromethane	TX	4390	10184802
Bromodichloromethane	TX	4395	10184802
Bromoform	TX	4400	10184802
Carbon disulfide	TX	4450	10184802
Carbon tetrachloride	TX	4455	10184802
Chlorobenzene	TX	4475	10184802
Chlorodibromomethane	TX	4575	10184802
Chloroethane (Ethyl chloride)	TX	4485	10184802
Chloroform	TX	4505	10184802
cis-1,2-Dichloroethylene	TX	4645	10184802
cis-1,3-Dichloropropene	TX	4680	10184802
Dibromomethane (Methylene bromide)	TX	4595	10184802
Dichlorodifluoromethane (Freon-12)	TX	4625	10184802
Ethylbenzene	TX	4765	10184802
Hexachlorobutadiene	TX	4835	10184802
Iodomethane (Methyl iodide)	TX	4870	10184802
Isopropyl alcohol (2-Propanol, Isopropanol)	TX	4895	10184802
Isopropylbenzene (Cumene)	TX	4900	10184802
m+p-xylene	TX	5240	10184802
Methyl acetate	TX	4940	10184802
Methyl bromide (Bromomethane)	TX	4950	10184802
Methyl chloride (Chloromethane)	TX	4960	10184802
Methyl tert-butyl ether (MTBE)	TX	5000	10184802
Methylcyclohexane	TX	4965	10184802

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Matrix: ***Solid & Chemical Materials***

Methylene chloride (Dichloromethane)	TX	4975	10184802
Naphthalene	TX	5005	10184802
n-Butylbenzene	TX	4435	10184802
n-Propylbenzene	TX	5090	10184802
o-Xylene	TX	5250	10184802
sec-Butylbenzene	TX	4440	10184802
Styrene	TX	5100	10184802
tert-Butylbenzene	TX	4445	10184802
Tetrachloroethylene (Perchloroethylene)	TX	5115	10184802
Toluene	TX	5140	10184802
trans-1,2-Dichloroethylene	TX	4700	10184802
trans-1,3-Dichloropropylene	TX	4685	10184802
trans-1,4-Dichloro-2-butene	TX	4605	10184802
Trichloroethene (Trichloroethylene)	TX	5170	10184802
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	TX	5175	10184802
Trichlorotrifluoroethane	TX	5185	10184802
Vinyl acetate	TX	5225	10184802
Vinyl chloride	TX	5235	10184802
Xylene (total)	TX	5260	10184802

Method EPA 8270

Analyte	**AB**	**Analyte ID**	**Method ID**
1,2,4,5-Tetrachlorobenzene	TX	6715	10185805
1,2,4-Trichlorobenzene	TX	5155	10185805
1,2-Dichlorobenzene	TX	4610	10185805
1,2-Diphenylhydrazine	TX	6220	10185805
1,3-Dichlorobenzene	TX	4615	10185805
1,4-Dichlorobenzene	TX	4620	10185805
1-Naphthylamine	TX	6425	10185805
2,3,4,6-Tetrachlorophenol	TX	6735	10185805
2,4,5-Trichlorophenol	TX	6835	10185805

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Matrix: *Solid & Chemical Materials*

2,4,6-Trichlorophenol	TX	6840	10185805
2,4-Dichlorophenol	TX	6000	10185805
2,4-Dimethylphenol	TX	6130	10185805
2,4-Dinitrophenol	TX	6175	10185805
2,4-Dinitrotoluene (2,4-DNT)	TX	6185	10185805
2,6-Dichlorophenol	TX	6005	10185805
2,6-Dinitrotoluene (2,6-DNT)	TX	6190	10185805
2-Chloronaphthalene	TX	5795	10185805
2-Chlorophenol	TX	5800	10185805
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	TX	6360	10185805
2-Methylnaphthalene	TX	6385	10185805
2-Methylphenol (o-Cresol)	TX	6400	10185805
2-Naphthylamine	TX	6430	10185805
2-Nitroaniline	TX	6460	10185805
2-Nitrophenol	TX	6490	10185805
2-Picoline (2-Methylpyridine)	TX	5050	10185805
3,3'-Dichlorobenzidine	TX	5945	10185805
3-Methylcholanthrene	TX	6355	10185805
3-Nitroaniline	TX	6465	10185805
4,4'-DDD	TX	7355	10185203
4,4'-DDE	TX	7360	10186002
4,4'-DDT	TX	7365	10185407
4-Aminobiphenyl	TX	5540	10185805
4-Bromophenyl phenyl ether (BDE-3)	TX	5660	10185805
4-Chloro-3-methylphenol	TX	5700	10185805
4-Chloroaniline	TX	5745	10185805
4-Chlorophenyl phenylether	TX	5825	10185805
4-Dimethyl aminoazobenzene	TX	6105	10185805
4-Methylphenol (p-Cresol)	TX	6410	10185805
4-Nitroaniline	TX	6470	10185805

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Matrix: *Solid & Chemical Materials*

4-Nitrophenol	TX	6500	10185805
7,12-Dimethylbenz(a) anthracene	TX	6115	10185805
a-a-Dimethylphenethylamine	TX	6125	10185805
Acenaphthene	TX	5500	10185805
Acenaphthylene	TX	5505	10185805
Acetophenone	TX	5510	10185805
Aldrin	TX	7025	10186002
alpha-BHC (alpha-Hexachlorocyclohexane)	TX	7110	10185407
alpha-Chlordane	TX	7240	10185805
Aniline	TX	5545	10185805
Anthracene	TX	5555	10185805
Aroclor-1016 (PCB-1016)	TX	8880	10186002
Aroclor-1221 (PCB-1221)	TX	8885	10185805
Aroclor-1232 (PCB-1232)	TX	8890	10185407
Aroclor-1242 (PCB-1242)	TX	8895	10185407
Aroclor-1248 (PCB-1248)	TX	8900	10185805
Aroclor-1254 (PCB-1254)	TX	8905	10185805
Aroclor-1260 (PCB-1260)	TX	8910	10185407
Atrazine	TX	7065	10185805
Azinphos-methyl (Guthion)	TX	7075	10185203
Benzidine	TX	5595	10185805
Benzo(a)anthracene	TX	5575	10185805
Benzo(a)pyrene	TX	5580	10185805
Benzo(b)fluoranthene	TX	5585	10185805
Benzo(e)pyrene	TX	5605	10185805
Benzo(g,h,i)perylene	TX	5590	10185805
Benzo(k)fluoranthene	TX	5600	10185805
Benzoic acid	TX	5610	10185805
Benzyl alcohol	TX	5630	10185805
beta-BHC (beta-Hexachlorocyclohexane)	TX	7115	10185601

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Matrix: *Solid & Chemical Materials*

Biphenyl	TX	5640	10185805
bis(2-Chloroethoxy)methane	TX	5760	10185805
bis(2-Chloroethyl) ether	TX	5765	10185805
bis(2-Chloroisopropyl) ether	TX	5780	10185805
bis(2-Ethylhexyl) phthalate (DEHP)	TX	6255	10185805
Butyl benzyl phthalate	TX	5670	10185805
Caprolactam	TX	7180	10185805
Carbaryl (Sevin)	TX	7195	10185601
Carbazole	TX	5680	10185805
Carbophenothion	TX	7220	10185805
Chlordane (tech.)	TX	7250	10185805
Chlorfenvinphos	TX	7255	10185203
Chrysene	TX	5855	10185805
Coumaphos	TX	7315	10185805
Crotoxyphos	TX	7330	10185203
delta-BHC (delta-Hexachlorocyclohexane)	TX	7105	10186002
Demeton	TX	7390	10185805
Demeton-o	TX	7395	10185805
Demeton-s	TX	7385	10185601
Dibenz(a,h) anthracene	TX	5895	10185805
Dibenzofuran	TX	5905	10185805
Dichlorovos (DDVP, Dichlorvos)	TX	8610	10185805
Dicrotophos	TX	7465	10185805
Dieldrin	TX	7470	10185407
Diethyl phthalate	TX	6070	10185805
Dimethoate	TX	7475	10185805
Dimethyl phthalate	TX	6135	10185805
Di-n-butyl phthalate	TX	5925	10185805
Di-n-octyl phthalate	TX	6200	10185805
Dioxathion	TX	7495	10185601

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Expiration Date:	**4/30/2012**
Issue Date:	**5/1/2011**

DHL Analytical, Inc.

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Round Rock, TX 78664-3801

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Matrix: *Solid & Chemical Materials*

Diphenylamine	TX	6205	10185805
Disulfoton	TX	8625	10185407
Endosulfan I	TX	7510	10185601
Endosulfan II	TX	7515	10185805
Endosulfan sulfate	TX	7520	10186002
Endrin	TX	7540	10185601
Endrin aldehyde	TX	7530	10186002
Endrin ketone	TX	7535	10186002
EPN (Phosphonothioic acid, phenyl-, O-ethyl O-(p-nitrophenyl) ester)	TX	7550	10186002
Ethion	TX	7565	10185203
Ethyl methanesulfonate	TX	6260	10185805
Famphur	TX	7580	10186002
Fensulfothion	TX	7600	10185805
Fenthion	TX	7605	10186002
Fluoranthene	TX	6265	10185805
Fluorene	TX	6270	10185805
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	TX	7120	10185407
gamma-Chlordane	TX	7245	10185601
Heptachlor	TX	7685	10185601
Heptachlor epoxide	TX	7690	10185203
Hexachlorobenzene	TX	6275	10185805
Hexachlorobutadiene	TX	4835	10185805
Hexachlorocyclopentadiene	TX	6285	10185805
Hexachloroethane	TX	4840	10185805
Hexachlorophene	TX	6290	10185601
Indeno(1,2,3-cd) pyrene	TX	6315	10185805
Isodrin	TX	7725	10185203
Isophorone	TX	6320	10185805
Leptophos	TX	7755	10185407
Malathion	TX	7770	10185601

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Matrix: *Solid & Chemical Materials*

Methoxychlor	TX	7810	10185203
Methyl methanesulfonate	TX	6375	10185805
Methyl parathion (Parathion, methyl)	TX	7825	10185203
Mevinphos	TX	7850	10185805
Monocrotophos	TX	7880	10185805
Naled	TX	7905	10185805
Naphthalene	TX	5005	10185805
Nitrobenzene	TX	5015	10185805
n-Nitrosodiethylamine	TX	6525	10185805
n-Nitrosodimethylamine	TX	6530	10185805
n-Nitrosodi-n-butylamine	TX	5025	10185805
n-Nitrosodi-n-propylamine	TX	6545	10185805
n-Nitrosodiphenylamine	TX	6535	10185805
n-Nitrosopiperidine	TX	6560	10185805
Parathion, ethyl	TX	7955	10185805
Pentachlorobenzene	TX	6590	10185805
Pentachloronitrobenzene	TX	6600	10185805
Pentachlorophenol	TX	6605	10185805
Phenacetin	TX	6610	10185805
Phenanthrene	TX	6615	10185805
Phenol	TX	6625	10185805
Phorate	TX	7985	10185407
Phosmet (Imidan)	TX	8000	10185203
Phosphamidon	TX	8005	10186002
Pronamide (Kerb)	TX	6650	10185805
Pyrene	TX	6665	10185805
Pyridine	TX	5095	10185805
Quinoline	TX	6670	10185805
Stirophos (Tetrachlorvinphos)	TX	8200	10186002
Sulfotepp	TX	8155	10185203

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Matrix: ***Solid & Chemical Materials***

Terbufos	TX	8185	10185805
Tetraethyl pyrophosphate (TEPP)	TX	8210	10185407
Toxaphene (Chlorinated camphene)	TX	8250	10185203

Method EPA 8321

Analyte	AB	Analyte ID	Method ID
2,4,5-T	TX	8655	10188804
2,4-D	TX	8545	10188804
2,4-DB	TX	8560	10188804
Dalapon	TX	8555	10188804
Dicamba	TX	8595	10188804
Dichloroprop (Dichlorprop)	TX	8605	10188804
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	TX	8620	10188804
MCPA	TX	7775	10188804
MCPP	TX	7780	10188804
Silvex (2,4,5-TP)	TX	8650	10188804

Method EPA 8330

Analyte	AB	Analyte ID	Method ID
1,3,5-Trinitrobenzene (1,3,5-TNB)	TX	6885	10189807
1,3-Dinitrobenzene (1,3-DNB)	TX	6160	10189807
2,4,6-Trinitrotoluene (2,4,6-TNT)	TX	9651	10189807
2,4-Dinitrotoluene (2,4-DNT)	TX	6185	10189807
2,6-Dinitrotoluene (2,6-DNT)	TX	6190	10189807
2-Amino-4,6-dinitrotoluene (2-am-dnt)	TX	9303	10189807
2-Nitrotoluene	TX	9507	10189807
3-Nitrotoluene	TX	9510	10189807
4-Amino-2,6-dinitrotoluene (4-am-dnt)	TX	9306	10189807
4-Nitrotoluene	TX	9513	10189807
Nitrobenzene	TX	5015	10189807
Nitroglycerin	TX	6485	10189807
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	TX	9522	10189807
Pentaerythritoltetranitrate	TX	9558	10189807

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Matrix: ***Solid & Chemical Materials***

RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)	TX	9432	10189807
Tetryl (methyl-2,4,6-trinitrophenylnitramine)	TX	9633	10189807

Method EPA 9014

Analyte	AB	Analyte ID	Method ID
Total Cyanide	TX	1635	10193803

Method EPA 9040

Analyte	AB	Analyte ID	Method ID
Corrosivity	TX	1615	10197203
pH	TX	1900	10197203

Method EPA 9045

Analyte	AB	Analyte ID	Method ID
pH	TX	1900	10198400

Method EPA 9056

Analyte	AB	Analyte ID	Method ID
Bromide	TX	1540	10199209
Chloride	TX	1575	10199209
Fluoride	TX	1730	10199209
Nitrate as N	TX	1810	10199209
Nitrate-nitrite	TX	1820	10199209
Nitrite as N	TX	1840	10199209
Sulfate	TX	2000	10199209

Method SM 2320 B

Analyte	AB	Analyte ID	Method ID
Alkalinity as CaCO3	TX	1505	20003003

Method SM 2510 B

Analyte	AB	Analyte ID	Method ID
Conductivity	TX	1610	20003809

Method SSA/ASA Part 3:14

Analyte	AB	Analyte ID	Method ID
Conductivity	TX	1610	SSA/ASA Pt 3:14

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Matrix: ***Solid & Chemical Materials***

Method TCEQ 1005

Analyte	AB	Analyte ID	Method ID
Total Petroleum Hydrocarbons (TPH)	TX	2050	90019208

ECS Environmental Chemistry Services

PO Box 79782 Houston, TX 77279♦Voice/Fax:(713) 935-0222♦ecschem@sbcglobal.net

To: Phil Bredfeldt, Project Manager, WESTON Solutions, Inc.

From: Nan Toole, ECS Environmental Chemistry Services

Date: 7/18/2011

Re: Data Review Memorandum, Former ASARCO/Encycle of Texas Facility State Superfund Site, June 2011

This Data Review Memorandum summarizes the results of the data review conducted for samples collected during June 2011 from the Former ASARCO/Encycle of Texas Facility State Superfund Site. ECS Environmental Chemistry Services (ECS) reviewed chemical data analyzed by DHL Analytical in Round Rock, Texas. The following data are covered by this memo:

DATA PACKAGE	LAB SAMPLE ID	FIELD SAMPLE ID	DATE COLL.	MEDIA	PARAMETER
1106125	1106125-01	ER-061611	06/16/11	Water	SV, PCB
	1106125-02	SE-06	06/16/11	Soil	SV, PCB
	1106125-03	SE-07	06/16/11	Soil	SV, PCB
	1106125-04	GM-01	06/16/11	Soil	SV, PCB
	1106125-05	SE-03	06/16/11	Soil	SV, PCB
	1106125-06	SE-09	06/16/11	Soil	SV, PCB
	1106125-07	GM-99	06/16/11	Soil	SV, PCB
	1106125-08	ER-061611	06/16/11	Water	SV, PCB
1106136	1106136-01	SO-13	06/17/11	Soil	SV, PCB
	1106136-02	SO-13D	06/17/11	Soil	SV, PCB
	1106136-03	GM-02	06/17/11	Soil	SV, PCB
	1106136-04	STACK-02	06/17/11	Soil	SV, PCB
	1106136-05	SO-15	06/17/11	Soil	SV, PCB
	1106136-06	SO-15D	06/17/11	Soil	SV, PCB
	1106136-07	GM-03	06/17/11	Soil	SV, PCB
	1106136-08	SO-16	06/17/11	Soil	SV, PCB
	1106136-09	SO-16D	06/17/11	Soil	SV, PCB
	1106136-10	SO-98D	06/17/11	Soil	SV, PCB
	1106136-11	SE-04	06/17/11	Soil	SV, PCB
	1106136-12	SE-98	06/17/11	Soil	SV, PCB
	1106136-13	SO-14	06/17/11	Soil	SV, PCB
	1106136-14	SO-14D	06/17/11	Soil	SV, PCB
	1106136-15	ER-061711	06/17/11	Water	SV, PCB

SV = Semivolatile Organic Compounds by USEPA Method 8270D, PCB = Polychlorinated biphenyls by USEPA Method 8280A

Analytical data were evaluated for conformance to the requirements of *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846)* and the Texas Commission on Environmental Quality (TCEQ) Quality Assurance Project Plan (QAPP) (Document Control Number 200919.7). The technical data review resulted in no significant quality control anomalies, rejected data nor any corrective actions taken or recommended for future analyses with the following exception:

ECS Environmental Chemistry Services

PO Box 79782 Houston, TX 77279♦Voice/Fax:(713) 935-0222♦ecschem@sbcglobal.net

SDG	Affected Sample (s)	Analyte	Reason
1106136	1106136-11	Hexachlorocyclopentadiene	MSD %R was less than 10%

TECHNICAL DATA REVIEW

FORMER ASARCO/ENCYCLE OF TEXAS FACILITY

STATE SUPERFUND SITE

JUNE 2011 SAMPLING EVENT

Prepared for

Texas Commission on Environmental Quality

Austin, Texas

Prepared by
Nancy K. Toole
ECS Environmental Chemistry Services
PO Box 79782
Houston, Texas

Under Subcontract to:

WESTON Solutions, Inc.
2705 Bee Cave Road, Suite 100
Austin, TX 78746
(512) 651-7100

June 11, 2011

1. INTRODUCTION

This Technical Data Review (TDR) contains the results of the data review conducted for samples collected June 16 and 17, 2011 from the ASARCO/Encycle of Texas facility in Corpus Christi, Nueces County, Texas. ECS Environmental Chemistry Services (ECS) reviewed chemical data analyzed by DHL Analytical in Round Rock, Texas. The following data are covered by this Technical Data Review:

DATA PACKAGE	LAB SAMPLE ID	FIELD SAMPLE ID	DATE COLLECTED	MATRIX	PARAMETER*
1106125	1106125-01	ER-061611	06/16/11	Water	SV, PCB
	1106125-02	SE-06	06/16/11	Soil	SV, PCB
	1106125-03	SE-07	06/16/11	Soil	SV, PCB
	1106125-04	GM-01	06/16/11	Soil	SV, PCB
	1106125-05	SE-03	06/16/11	Soil	SV, PCB
	1106125-06	SE-09	06/16/11	Soil	SV, PCB
	1106125-07	GM-99	06/16/11	Soil	SV, PCB
	1106125-08	ER-061611	06/16/11	Water	SV, PCB
1106136	1106136-01	SO-13	06/17/11	Soil	SV, PCB
	1106136-02	SO-13D	06/17/11	Soil	SV, PCB
	1106136-03	GM-02	06/17/11	Soil	SV, PCB
	1106136-04	STACK-02	06/17/11	Soil	SV, PCB
	1106136-05	SO-15	06/17/11	Soil	SV, PCB
	1106136-06	SO-15D	06/17/11	Soil	SV, PCB
	1106136-07	GM-03	06/17/11	Soil	SV, PCB
	1106136-08	SO-16	06/17/11	Soil	SV, PCB
	1106136-09	SO-16D	06/17/11	Soil	SV, PCB
	1106136-10	SO-98D	06/17/11	Soil	SV, PCB
	1106136-11	SE-04	06/17/11	Soil	SV, PCB
	1106136-12	SE-98	06/17/11	Soil	SV, PCB
	1106136-13	SO-14	06/17/11	Soil	SV, PCB
	1106136-14	SO-14D	06/17/11	Soil	SV, PCB
	1106136-15	ER-061711	06/17/11	Water	SV, PCB

SV = Semivolatile Organic Compounds by USEPA Method 8270D, PCB = Polychlorinated biphenyls by USEPA Method 8280A

The following field QC samples are covered by this TDR:

DATA PACKAGE	LAB SAMPLE ID	FIELD QC SAMPLE ID	FIELD QC SAMPLE TYPE	ASSOCIATED SAMPLES
1106125	1106125-01	ER-061611 (AM)	Equipment Blank	1106125-02-07
	1106125-07	GM-99	Field Duplicate	1106125-04
	1106125-08	ER-061611 (PM)	Equipment Blank	1106125-02-07
1106136	1106136-03	GM-02	MS/MSD	1106136-03
	1106136-09	SO-16D	MS/MSD	1106136-09
	1106136-10	SO-98D	Field Duplicate	1106136-09
	1106136-12	SE-98	Field Duplicate	1106136-11
	1106136-15	ER-061711	Equipment Blank	1106136-01-14

2. DATA REVIEW RESULTS

2.1 SEMIVOLATILE ORGANIC COMPOUNDS

For semivolatile data, the following items are reviewed in this section:

- Holding Time/Preservation Requirements
- Blanks
- Laboratory Control Samples
- Surrogates
- Matrix Spike/Matrix Spike Duplicates
- Field Duplicates

The following sections specify the reasons for the data validation qualifiers that are presented in Appendix A.

2.1.1 Holding Times/Preservation Requirements

The maximum holding time from date of collection to date of extraction for semivolatiles in solid matrix samples is 14 days. The maximum holding time from date of collection to date of extraction for semivolatiles in aqueous matrix samples is 7 days. The maximum holding time from date of extraction to date of analysis for semivolatiles in solid and aqueous matrix samples is 40 days. These holding times were met for all of the samples in this data set. None of the semivolatile data were qualified based on holding times.

2.1.2 Blanks

All associated blanks were free of all reported analytes in concentrations at or greater than the Sample Detection Limits (SDLs) with the following exceptions:

SDG	BLANK ID	COMPOUND	CONC.	SAMPLES QUALIFIED AS NON-DETECT
1106125	MB-46871	Benzoic Acid	0.0166 mg/l	None
	ER-061611 (AM)	Benzoic Acid	0.00376 mg/l	None
	ER-061611 (PM)	Acetophenone	0.00024 mg/l	1106125-07
		Benzoic Acid	0.00576 mg/l	None
1106136	ER-061711	Acetophenone	0.00024 mg/l	1106136-03
		Benzoic Acid	0.00228 mg/l	1106136-13
	MB-46871	Benzoic Acid	0.0166 mg/l	None

If a common laboratory contaminant (phthalates) is detected in a blank and is also detected in an associated sample in a concentration less than 10 times the concentration found in the blank, the sample data are qualified as non-detected for that compound. Also, if any other semivolatile compound is detected in a blank and is also detected in an associated sample in a concentration less than 5 times the concentration found in the blank, the sample data are qualified as non detected for that compound. Samples that had compounds qualified as NOT detected with a “U” qualifier based on these criteria are listed in the previous table.

2.1.3 Laboratory Control Samples (LCS)

The LCS review criteria for semivolatile data are as follows:

ACCURACY (%R)	PRECISION (RPD)
60%-140%	40%

One LCS/LCSD set was analyzed with every analytical batch. These criteria were met for all the LCS/LCSD in this data set with the following exceptions:

SDG	LCS ID	ANALYTE	LCS %R	CONTROL LIMITS	ASSOC. SAMPLES
1106125	LCS-46871	4-Nitrophenol	50	60-140	1106125-01, 08
		Caprolactam	25	60-140	1106125-01, 08
		Phenol	51	60-140	1106125-01, 08
1106136	LCS-46871	4-Nitrophenol	50	60-140	1106136-15
		Caprolactam	25	60-140	1106136-15
		Phenol	51	60-140	1106136-15

The associated samples listed above were qualified as follows:

	Detected results	Non-Detected Results
% R greater than 140%	JH	No qualification
% R less than 60% but greater than 10%	JL	UJL
% R less than 10%	JL	R

2.1.4 Surrogates

The surrogate review criteria for semivolatile data are as follows:

ACCURACY (%R)	PRECISION (RPD)
60%-140%	40%

Each sample, standard and method blank was spiked with the appropriate surrogates. These criteria were met for all the samples in this data set with the following exceptions:

SDG	SAMPLE ID	SURROGATE	ACID (AC) OR BASE/NEUTRAL (BN) FRACTION FOR SV	%R
1106125	1106125-01	Phenol-d6	AC	42
	1106125-03, DF1	Nitrobenzene-d5	BN	59
	1106125-08	Phenol-d6	AC	40
1106136	1106136-03	2,4,6-Tribromophenol	AC	59
		2-Fluorobiphenyl	BN	52
		2-Fluorophenol	AC	57
		Nitrobenzene-d5	BN	52
		Phenol-d6	AC	55
	1106136-05, DF1	2,4,6-Tribromophenol	AC	418
		Terphenyl-d14	BN	11
	1106136-05, DF5	2,4,6-Tribromophenol	AC	132
	1106136-06	2-Fluorobiphenyl	BN	57
	1106136-09	Nitrobenzene-d5	BN	58
		Phenol-d6	AC	59
	1106136-15	Phenol-d6	AC	40

For the semivolatile results for the samples and fractions listed above, associated results and compounds were qualified as follows if two or more surrogates per fraction (acid extractables or base/neutral extractables) met the following criteria:

	Detected results	**Non-Detected Results**
% R greater than 140%	JH-SUR	No qualification
% R less than 60% but greater than 10%	JL-SUR	UJL-SUR
% R less than 10%	JL-SUR	R-SUR

2.1.5 Matrix Spike/Matrix Spike Duplicates (MS/MSD)

The MS/MSD review criteria for semivolatile data are as follows:

ACCURACY (%R)	PRECISION (RPD)
60%-140%	40%

One MS/MSD set was analyzed with every analytical batch. These criteria were met for all the MS/MSD in this data set with the following exceptions:

SDG	MS/MSD ID	COMPOUND	MS %R	MSD %R	CONT. LIMITS	RPD	CONT. LIMIT
1106136	1106136-09	2,4-Dinitrophenol	53	52	60-140	3	40
		3,3'-Dichlorobenzidine	141	149	60-140	6	40
		4-Chloroaniline	56	61	60-140	8	40
		Benzoic acid	22	23	60-140	10	40
		Pentachlorophenol	51	53	60-140	3	40
	1106136-11	2,4-Dinitrophenol	55	57	60-140	0.4	40
		3,3'-Dichlorobenzidine	190	179	60-140	9	40
		Benzoic acid	17	12	60-140	37	40
		Hexachlorocyclopentadiene	10	0	60-140	0	40
		Pentachlorophenol	42	40	60-140	10	40
	1106136-03	2,4,5-Trichlorophenol	55	65	60-140	18	40
		2,4,6-Trichlorophenol	50	65	60-140	27	40
		2,4-Dichlorophenol	55	65	60-140	18	40
		2,4-Dimethylphenol	45	55	60-140	18	40
		2-Chloronaphthalene	55	60	60-140	10	40
		2-Chlorophenol	55	65	60-140	18	40
		2-Methylphenol	30	40	60-140	18	40
		2-Nitrophenol	50	60	60-140	19	40
		3,3´-Dichlorobenzidine	10	10	60-140	1	40
		4-Bromophenyl phenyl ether	55	60	60-140	10	40
		4-Chloroaniline	15	10	60-140	39	40
		4-Chlorophenyl phenyl ether	55	60	60-140	10	40
		4-Methylphenol	25	35	60-140	17	40
		4-Nitroaniline	15	15	60-140	1	40
		Acenaphthene	55	60	60-140	10	40

SDG	MS/MSD ID	COMPOUND	MS %R	MSD %R	CONT. LIMITS	RPD	CONT. LIMIT
		Acenaphthylene	55	60	60-140	10	40
		Acetophenone	50	60	60-140	15	40
		Anthracene	45	50	60-140	10	40
		Benzaldehyde	50	60	60-140	19	40
		Benzo[a]anthracene	40	45	60-140	10	40
		Benzo[g,h,i]perylene	60	55	60-140	6	40
		Benzo[k]fluoranthene	45	45	60-140	1	40
		Benzoic acid	70	154	60-140	77	40
		Benzyl alcohol	55	65	60-140	18	40
		Biphenyl	50	60	60-140	19	40
		Bis(2-chloroethyl)ether	45	55	60-140	21	40
		Bis(2-chloroisopropyl)ether	50	55	60-140	11	40
		Bis(2-ethylhexyl)phthalate	7	70	60-140	17	40
		Butyl benzyl phthalate	19	35	60-140	16	40
		Carbazole	55	60	60-140	10	40
		Chrysene	45	55	60-140	15	40
		Di-n-butyl phthalate	54	65	60-140	11	40
		Dibenzofuran	55	60	60-140	10	40
		Diethyl phthalate	55	60	60-140	10	40
		Fluorene	55	60	60-140	10	40
		Hexachlorobenzene	55	55	60-140	1	40
		Hexachlorobutadiene	45	55	60-140	21	40
		Hexachlorocyclopentadiene	35	25	60-140	32	40
		Hexachloroethane	50	55	60-140	11	40
		Isophorone	55	60	60-140	10	40
		N-Nitrosodi-n-propylamine	55	60	60-140	10	40
		N-Nitrosodiphenylamine	55	60	60-140	10	40
		Naphthalene	55	65	60-140	18	40
		Nitrobenzene	50	55	60-140	11	40
		Pentachlorophenol	45	55	60-140	21	40
		Phenanthrene	55	60	60-140	9	40
		Phenol	-6	5	60-140	17	40

The analytes and parent samples for the MS/MSDs listed above were qualified as follows:

	Detected results	**Non-Detected Results**
% R greater than 140%	JH-MS/SD	No qualification
% R less than 60% but greater than 10%	JL-MS/SD	UJL-MS/SD

	Detected results	Non-Detected Results
% R less than 10%	JL-MS/SD	R-MS/SD

2.1.6 Field Duplicates

For aqueous matrix samples, when both the original and duplicate result are greater than 5 times the method quantitation limit (MQL), the Relative Percent Differences (RPD) was equal to or less than 30%. For aqueous matrix samples, when one or both of the original and duplicate results are less than 5 times the MQL, the results agree within 2 times the greater SDL. For solid matrix samples, when both the original and duplicate result are greater than 5 times the method quantitation limit (MQL), the Relative Percent Differences (RPD) was equal to or less than 50%. For solid matrix samples, when one or both of the original and duplicate results are less than 5 times the MQL, the results agree within 3.5 times the greater SDL. The results of this evaluation of all detected results are shown in the following table:

SDG	FIELD DUP ID	ANALYTE	ORIGINAL RESULT	DUPLICATE RESULT	QC RESULT	CRITERIA
1106125	1106125-04/07	2,4-Dimethyl phenol	0.290	0.298	DIF:0.008	<=0.522
		2-Methyl naphthalene	0.145 U	0.497	DIF:0.352	<=0.522
		2-Methyl phenol	0.145 U	0.199	DIF:0.054	<=0.522
		4-Methyl phenol	0.676	0.298 U	DIF:0.378	<=1.04
		Acenaphthylene	0.290	0.199	DIF:0.091	<=0.522
		Acetophenone	0.145 U	0.298	DIF:0.153	<=0.522
		Anthracene	0.290	0.149 U	DIF:0.141	<=0.522
		Benzo (a) anthracene	**4.05**	**1.69**	**DIF:2.36**	**<=0.522**
		Benzo (a) pyrene	**7.53**	**3.38**	**RPD:76%**	**<=50%**
		Benzo (b) fluoranthene	**17.0**	**8.75**	**RPD:64%**	**<=50%**
		Benzo (ghi)	**6.37**	**2.09**	**RPD:101%**	**<=50%**

SDG	FIELD DUP ID	ANALYTE	ORIGINAL RESULT	DUPLICATE RESULT	QC RESULT	CRITERIA
		perylene				
		Benzo (k) fluoranthene	**3.96**	**2.19**	**RPD:58%**	**<=50%**
		bis (2-Ethylhexyl) phthalate	**0.676**	**2.29**	**DIF:1.61**	**<=1.57**
		Carbazole	**1.35**	**0.497**	**DIF:0.853**	**<=0.522**
		Chrysene	7.72	6.26	RPD:21%	<=50%
		Dibenz (ah) anthracene	**2.32**	**0.596**	**DIF:1.72**	**<=0.522**
		Fluoranthene	15.3	9.44	RPD:47%	<=50%
		Indeno (123-cd) Pyrene	**6.18**	**2.09**	**RPD:99%**	**<=50%**
		Naphthalene	0.193	0.199	DIF:0.006	<=0.522
		Pentachlorophenol	0.290	0.298	DIF:0.008	<=0.522
		Phenanthrene	3.47	3.38	RPD:3%	<=50%
		Phenol	0.145 U	0.398	DIF:0.253	<=0.522
		Pyrene	10.7	7.55	RPD:35%	<=50%
1106136	1106136-09/10	**Acenaphthlene**	**0.0122 U**	**0.0588**	**DIF:0.0466**	**<=0.0427**
		Acenaphthylene	0.0122 U	0.0147	DIF:0.0025	<=0.0427
		Anthracene	**0.0122 U**	**0.206**	**DIF:0.194**	**<=0.0427**
		Benzo (a) anthracene	**0.0487**	**0.794**	**DIF:0.745**	**<=0.0427**
		Benzo (a) pyrene	**0.0568**	**0.765**	**DIF:0.708**	**<=0.0427**
		Benzo (b) fluoranthene	**0.0730**	**1.08**	**DIF:1.01**	**<=0.0427**
		Benzo (ghi) perylene	**0.0406**	**0.434**	**DIF:0.393**	**<=0.0427**
		Benzo (k) fluoranthene	**0.0324**	**0.250**	**DIF:0.218**	**<=0.0427**
		Carbazole	**0.0122 U**	**0.132**	**DIF:0.120**	**<=0.0427**
		Chrysene	**0.0324**	**0.647**	**DIF:0.615**	**<=0.0427**
		Dibenz (ah) anthracene	**0.0324**	**0.140**	**DIF:0.108**	**<=0.0427**
		Dibenzofuran	0.0122 U	0.0221	DIF:0.0099	<=0.0427
		Fluoranthene	**0.0649**	**1.65**	**DIF:1.59**	**<=0.0427**
		Fluorene	0.0122 U	0.0515	DIF:0.0393	<=0.0427
		Indeno (123-cd) Pyrene	**0.0406**	**0.419**	**DIF:0.378**	**<=0.0427**
		Phenanthrene	**0.0324**	**0.787**	**DIF:0.755**	**<=0.0427**

SDG	FIELD DUP ID	ANALYTE	ORIGINAL RESULT	DUPLICATE RESULT	QC RESULT	CRITERIA
		Pyrene	**0.0487**	**1.07**	**DIF:1.02**	**<=0.0427**
	1106136-11/12	2-Methylnaphthalene	0.207	0.230	DIF:0.023	<=0.302
		Acenaphthylene	0.0829	0.0864 U	DIF:0.0035	<=0.302
		Anthracene	0.166	0.173	DIF:0.007	<=0.302
		Benzo (a) anthracene	0.415	0.461	DIF:0.046	<=0.302
		Benzo (a) pyrene	0.705	0.634	DIF:0.071	<=0.302
		Benzo (b) fluoranthene	0.995	0.922	DIF:0.073	<=0.302
		Benzo (ghi) perylene	0.580	0.576	DIF:0.004	<=0.302
		Benzo (k) fluoranthene	0.249	0.230	DIF:0.019	<=0.302
		bis (2-Ethylhexyl) phthalate	0.207	0.288	DIF:0.081	<=0.907
		Chrysene	0.415	0.403	DIF:0.012	<=0.302
		Dibenz (ah) anthracene	0.249	0.288	DIF:0.039	<=0.302
		Fluoranthene	0.622	0.634	DIF:0.012	<=0.302
		Indeno (123-cd) Pyrene	0.456	0.403	DIF:0.062	<=0.302
		Naphthalene	0.0829	0.115	DIF:0.032	<=0.302
		Phenanthrene	0.249	0.230	DIF:0.019	<=0.302
		Pyrene	0.580	0.634	DIF:0.054	<=0.302

Results listed above in bold type did not meet data review criteria and were qualified as estimated with “J” qualifiers for detects and “UJ” qualifiers for non-detects.

2.2 POLYCHLORINATED BIPHENYLS (PCB)

For PCB data, the following items are reviewed in this section:

- Holding Time/Preservation Requirements

- Blanks
- Laboratory Control Samples
- Surrogates
- Matrix Spike/Matrix Spike Duplicates
- Field Duplicates

The following sections specify the reasons for the data validation qualifiers that are presented in Appendix A.

2.2.5 Holding Time/Preservation Requirements

The maximum holding time from date of extraction to date of analysis for PCB in solid and aqueous matrix samples is 40 days. These holding times were met for all of the samples in this data set. None of the PCB data were qualified based on holding times.

2.2.6 Blanks

All associated blanks were free of all reported analytes in concentrations at or greater than the SDLs. None of the PCB data were qualified based on blank data.

2.2.7 Laboratory Control Sample (LCS)

The LCS review criteria for metal data are as follows:

ACCURACY (%R)	PRECISION (RPD)
60%-140%	40%

One LCS was analyzed with each analytical batch. These criteria were met for all the samples in this data set. None of the PCB data were qualified based on LCS data.

2.2.4 Surrogates

The surrogate review criteria for PCB data are as follows:

ACCURACY (%R)	PRECISION (RPD)
60%-140%	40%

Each sample, standard and method blank was spiked with the appropriate surrogates. These criteria were met for all the samples in this data set with the following exceptions:

SDG	SAMPLE ID	SURROGATE	%R
1106125	1106125-01	Decachlorobiphenyl	36
	1106125-03	Decachlorobiphenyl	44
	1106125-04	Decachlorobiphenyl	40
	1106125-05	Decachlorobiphenyl	47
		Tetrachloro-m-xylene	53
	1106125-07	Decachlorobiphenyl	20
		Tetrachloro-m-xylene	50
	1106125-08	Decachlorobiphenyl	22
1106136	1106136-01	Decachlorobiphenyl	53
	1106136-03	Tetrachloro-m-xylene	42
	1106136-05	Decachlorobiphenyl	13
		Tetrachloro-m-xylene	21
	1106136-06	Decachlorobiphenyl	28
		Tetrachloro-m-xylene	23
	1106136-07	Decachlorobiphenyl	26
	1106136-08	Decachlorobiphenyl	55
	1106136-09	Decachlorobiphenyl	47
		Tetrachloro-m-xylene	57
	1106136-11	Decachlorobiphenyl	47
		Tetrachloro-m-xylene	51

SDG	SAMPLE ID	SURROGATE	%R
	1106136-12	Decachlorobiphenyl	48
	1106136-15	Decachlorobiphenyl	38

PCB results that did not meet data review criteria were qualified as follows:

	Detected results	Non-Detected Results
% R greater than 140%	JH-SUR	No qualification
% R less than 60% but greater than 10%	JL-SUR	UJL-SUR
% R less than 10%	JL-SUR	R-SUR

2.2.5 Matrix Spike/ Matrix Spike Duplicate Sample

The MS/MSD review criteria for PCB data are as follows:

ACCURACY (%R)	PRECISION (RPD)
60%-140%	40%

One MS/MSD set was analyzed with every analytical batch. These criteria were met for all the MS/MSD in this data set with the following exceptions:

SDG	MS/MSD ID	COMPOUND	MS %R	MSD %R	CONT. LIMITS	RPD	CONT. LIMIT
1106136	1106136-03	Arclor 1016	59	46	60-140	27	40
	1106136-06	Arclor 1016	20	20	60-140	1	40
		Arclor 1260	19	20	60-140	1	40

The analytes and parent samples for the MS/MSDs listed above were qualified as follows:

	Detected results	Non-Detected Results
% R greater than 140%	JH-MS/SD	No qualification
% R less than 60% but greater than 10%	JL-MS/SD	UJL-MS/SD

	Detected results	Non-Detected Results
% R less than 10%	JL-MS/SD	R-MS/SD

2.2.6 Field Duplicates

For aqueous matrix samples, when both the original and duplicate result are greater than 5 times the method quantitation limit (MQL), the Relative Percent Differences (RPD) was equal to or less than 30%. For aqueous matrix samples, when one or both of the original and duplicate results are less than 5 times the MQL, the results agree within 2 times the greater SDL. For solid matrix samples, when both the original and duplicate result are greater than 5 times the method quantitation limit (MQL), the Relative Percent Differences (RPD) was equal to or less than 50%. For solid matrix samples, when one or both of the original and duplicate results are less than 5 times the MQL, the results agree within 3.5 times the greater SDL. The results of this evaluation of all detected results are shown in the following table:

SDG	FIELD DUP ID	ANALYTE	ORIGINAL RESULT	DUPLICATE RESULT	QC RESULT	CRITERIA
1106125	1106125-04/07	Arolcor 1268	0.102	0.952 U	DIF:0.374	<=1.67

None of the field duplicate results required qualification because data review criteria were met.

ECS Environmental Chemistry Services

PO Box 79782 Houston, TX 77279♦Voice/Fax:(713) 935-0222♦ecschem@sbcglobal.net

To: Phil Bredfeldt, Project Manager, WESTON Solutions, Inc.

From: Nan Toole, ECS Environmental Chemistry Services

Date: 7/18/2011

Re: Data Validation Memorandum, Former ASARCO/Encycle of Texas Facility State Superfund Site, June 2011

This Data Validation Memorandum summarizes the results of the data validation for the Former ASARCO/Encycle of Texas Facility State Superfund Site sampling event conducted during June 2011. ECS Environmental Chemistry Services validated chemical data analyzed by DHL Analytical in Round Rock, Texas and Columbia Analytical Services in Houston, Texas. This memorandum covers the following data:

DATA PACKAGE	LAB SAMPLE ID	FIELD SAMPLE ID	DATE COLL.	MEDIA	PARAMETER
1106125	1106125-01	ER-061611	06/16/11	Water	SV, PCB
	1106125-02	SE-06	06/16/11	Soil	SV, PCB
	1106125-03	SE-07	06/16/11	Soil	SV, PCB
	1106125-04	GM-01	06/16/11	Soil	SV, PCB
	1106125-05	SE-03	06/16/11	Soil	SV, PCB
	1106125-06	SE-09	06/16/11	Soil	SV, PCB
	1106125-07	GM-99	06/16/11	Soil	SV, PCB
	1106125-08	ER-061611	06/16/11	Water	SV, PCB
1106136	1106136-01	SO-13	06/17/11	Soil	SV, PCB
	1106136-02	SO-13D	06/17/11	Soil	SV, PCB
	1106136-03	GM-02	06/17/11	Soil	SV, PCB
	1106136-04	STACK-02	06/17/11	Soil	SV, PCB
	1106136-05	SO-15	06/17/11	Soil	SV, PCB
	1106136-06	SO-15D	06/17/11	Soil	SV, PCB
	1106136-07	GM-03	06/17/11	Soil	SV, PCB
	1106136-08	SO-16	06/17/11	Soil	SV, PCB
	1106136-09	SO-16D	06/17/11	Soil	SV, PCB
	1106136-10	SO-98D	06/17/11	Soil	SV, PCB
	1106136-11	SE-04	06/17/11	Soil	SV, PCB
	1106136-12	SE-98	06/17/11	Soil	SV, PCB
	1106136-13	SO-14	06/17/11	Soil	SV, PCB
	1106136-14	SO-14D	06/17/11	Soil	SV, PCB
	1106136-15	ER-061711	06/17/11	Water	SV, PCB

MET=ICP/MS metals (arsenic, barium, cadmium, chromium, lead, selenium, and silver) by EPA Method 6020; HG=Mercury by EPA Method 7471A

Analytical data were evaluated for conformance to the requirements of *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846)* and the Texas Commission on Environmental Quality (TCEQ) Quality Assurance Project Plan (QAPP) (Document Control Number 200919.7). The technical data review resulted in no significant quality control anomalies, rejected data nor any corrective actions taken or recommended for future analyses with the following exceptions:

ECS Environmental Chemistry Services

PO Box 79782 Houston, TX 77279♦Voice/Fax:(713) 935-0222♦ecschem@sbcglobal.net

SDG	Affected Sample (s)	Analyte	Reason
1106136	SE-04	Hexachlorocyclopentadiene	MSD %R was less than 10%

Hexachlorocyclopentadiene is not COCs. The rejection of the data listed above does not impact the overall project objective of assessing the organic compounds present in site matrices.

DATA VALIDATION REPORT

FORMER ASARCO/ENCYCLE OF TEXAS FACILITY

STATE SUPERFUND SITE

JUNE 2011 SAMPLING EVENT

Prepared for

Texas Commission on Environmental Quality

Austin, Texas

Prepared by
Nancy K. Toole
ECS Environmental Chemistry Services
PO Box 79782
Houston, Texas

Under Subcontract to:

WESTON Solutions, Inc.
2705 Bee Cave Road, Suite 100
Austin, TX 78746
(512) 651-7100

July 15, 2011

1. INTRODUCTION

This Data Validation Report (DVR) contains the results of the data validation conducted by ECS Environmental Chemistry Services (ECS) for ten percent of the samples collected from the ASARCO/Encycle of Texas facility in Corpus Christi, Nueces County, Texas. This report covers the following samples

DATA PACKAGE	LAB SAMPLE ID	FIELD SAMPLE ID	DATE COLLECTED	MATRIX	PARAMETER*
1106125	1106125-01	ER-061611	06/16/11	Water	SV, PCB
	1106125-02	SE-06	06/16/11	Soil	SV, PCB
	1106125-03	SE-07	06/16/11	Soil	SV, PCB
	1106125-04	GM-01	06/16/11	Soil	SV, PCB
	1106125-05	SE-03	06/16/11	Soil	SV, PCB
	1106125-06	SE-09	06/16/11	Soil	SV, PCB
	1106125-07	GM-99	06/16/11	Soil	SV, PCB
	1106125-08	ER-061611	06/16/11	Water	SV, PCB
1106136	1106136-01	SO-13	06/17/11	Soil	SV, PCB
	1106136-02	SO-13D	06/17/11	Soil	SV, PCB
	1106136-03	GM-02	06/17/11	Soil	SV, PCB
	1106136-04	STACK-02	06/17/11	Soil	SV, PCB
	1106136-05	SO-15	06/17/11	Soil	SV, PCB
	1106136-06	SO-15D	06/17/11	Soil	SV, PCB
	1106136-07	GM-03	06/17/11	Soil	SV, PCB
	1106136-08	SO-16	06/17/11	Soil	SV, PCB
	1106136-09	SO-16D	06/17/11	Soil	SV, PCB
	1106136-10	SO-98D	06/17/11	Soil	SV, PCB
	1106136-11	SE-04	06/17/11	Soil	SV, PCB
	1106136-12	SE-98	06/17/11	Soil	SV, PCB
	1106136-13	SO-14	06/17/11	Soil	SV, PCB
	1106136-14	SO-14D	06/17/11	Soil	SV, PCB
	1106136-15	ER-061711	06/17/11	Water	SV, PCB

SV = Semivolatile Organic Compounds by USEPA Method 8270D, PCB = Polychlorinated biphenyls by USEPA Method 8280A

The following field QC samples are covered by this TDR:

DATA PACKAGE	LAB SAMPLE ID	FIELD QC SAMPLE ID	FIELD QC SAMPLE TYPE	ASSOCIATED SAMPLES
1106125	1106125-01	ER-061611 (AM)	Equipment Blank	1106125-02-07
	1106125-07	GM-99	Field Duplicate	1106125-04
	1106125-08	ER-061611 (PM)	Equipment Blank	1106125-02-07
1106136	1106136-03	GM-02	MS/MSD	1106136-03
	1106136-09	SO-16D	MS/MSD	1106136-09
	1106136-10	SO-98D	Field Duplicate	1106136-09
	1106136-12	SE-98	Field Duplicate	1106136-11
	1106136-15	ER-061711	Equipment Blank	1106136-01-14

2. DATA VALIDATION RESULTS

2.1 SEMIVOLATILE ORGANIC COMPOUNDS/ PCB / PESTICIDES

For semivolatile data, the following items are reviewed in this section:

- Initial Calibration
- Continuing Calibration
- GC/MS Instrument Tuning
- Internal Standards

The following sections specify the reasons for the data validation qualifiers that are presented in Appendix A.

2.1.1 Initial Calibration

Initial Calibrations were performed at the proper frequency and met the criteria specified in Table B.5.1.10-3 of the TCEQ Superfund QAPP. None of the semivolatile data were qualified based on initial calibration data.

2.1.2 Continuing Calibration

Continuing Calibrations were performed at the proper frequency and met the criteria a specified in Table B.5.1.10-3 of the TCEQ Superfund QAPP. None of the semivolatile data were qualified based on continuing calibration data.

2.1.3 GC/MS Instrument Tuning

GC/MS instrument tunes for semivolatiles met the ion abundance criteria specified in section B.5.1.10 of the TCEQ Superfund QAPP. GC/MS tunes were conducted at the proper frequency (1 every 12 hours) for this data set. None of the semivolatile data were qualified based on tuning data.

2.1.4 Internal Standards

The sample-specific precision and accuracy QC review criteria for semivolatile data are specified in the table B5.1.10-3 of the TCEQ Superfund QAPP. All internal standard area counts for the samples in this report were less than a factor of + OR- 50% from the associated calibration standard with the following exceptions: These criteria were met for all the samples in this data set. None of the semivolatile data were qualified based on internal standard data.

2.2 PCB

For PCB data, the following items are reviewed in this section:

- Initial Calibration
- Continuing Calibration

The following sections specify the reasons for the data validation qualifiers that are presented in Appendix A.

2.2.1 Initial Calibration

Initial Calibrations were performed at the proper frequency and met the criteria specified in Table B.5.1.6-3 of the TCEQ Superfund QAPP. None of the PCB data were qualified based on initial calibration data.

2.2.2 Continuing Calibration

Continuing Calibrations were performed at the proper frequency and met the criteria a specified in Table B.5.1.6-3 of the TCEQ Superfund QAPP. None of the PCB data were qualified based on continuing calibration data.

ECS Environmental Chemistry Services

PO Box 79782 Houston, TX 77279♦Voice/Fax:(713) 935-0222♦ecschem@sbcglobal.net

To: Phil Bredfeldt, Project Manager, WESTON Solutions, Inc.

From: Nan Toole, ECS Environmental Chemistry Services

Date: 7/18/2011

Re: Data Review Memorandum, Former ASARCO/Encycle of Texas Facility State Superfund Site, June 2011

This Data Review Memorandum summarizes the results of the data review conducted for samples collected during June 2011 from the Former ASARCO/Encycle of Texas Facility State Superfund Site. ECS Environmental Chemistry Services (ECS) reviewed chemical data analyzed by DHL Analytical in Round Rock, Texas. The following data are covered by this memo:

DATA PACKAGE	LAB SAMPLE ID	FIELD SAMPLE ID	DATE COLL.	MEDIA	PARAMETER
1106125	1106125-01	ER-061611	06/16/11	Water	SV, PCB
	1106125-02	SE-06	06/16/11	Soil	SV, PCB
	1106125-03	SE-07	06/16/11	Soil	SV, PCB
	1106125-04	GM-01	06/16/11	Soil	SV, PCB
	1106125-05	SE-03	06/16/11	Soil	SV, PCB
	1106125-06	SE-09	06/16/11	Soil	SV, PCB
	1106125-07	GM-99	06/16/11	Soil	SV, PCB
	1106125-08	ER-061611	06/16/11	Water	SV, PCB
1106136	1106136-01	SO-13	06/17/11	Soil	SV, PCB
	1106136-02	SO-13D	06/17/11	Soil	SV, PCB
	1106136-03	GM-02	06/17/11	Soil	SV, PCB
	1106136-04	STACK-02	06/17/11	Soil	SV, PCB
	1106136-05	SO-15	06/17/11	Soil	SV, PCB
	1106136-06	SO-15D	06/17/11	Soil	SV, PCB
	1106136-07	GM-03	06/17/11	Soil	SV, PCB
	1106136-08	SO-16	06/17/11	Soil	SV, PCB
	1106136-09	SO-16D	06/17/11	Soil	SV, PCB
	1106136-10	SO-98D	06/17/11	Soil	SV, PCB
	1106136-11	SE-04	06/17/11	Soil	SV, PCB
	1106136-12	SE-98	06/17/11	Soil	SV, PCB
	1106136-13	SO-14	06/17/11	Soil	SV, PCB
	1106136-14	SO-14D	06/17/11	Soil	SV, PCB
	1106136-15	ER-061711	06/17/11	Water	SV, PCB

SV = Semivolatile Organic Compounds by USEPA Method 8270D, PCB = Polychlorinated biphenyls by USEPA Method 8280A

Analytical data were evaluated for conformance to the requirements of *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846)* and the Texas Commission on Environmental Quality (TCEQ) Quality Assurance Project Plan (QAPP) (Document Control Number 200919.7). The technical data review resulted in no significant quality control anomalies, rejected data nor any corrective actions taken or recommended for future analyses with the following exception:

ECS Environmental Chemistry Services

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SDG	Affected Sample (s)	Analyte	Reason
1106136	1106136-11	Hexachlorocyclopentadiene	MSD %R was less than 10%

TECHNICAL DATA REVIEW

DONA PARK NEIGHBORHOOD

STATE SUPERFUND SITE

JUNE 2011 SAMPLING EVENT

Prepared for

Texas Commission on Environmental Quality

Austin, Texas

Prepared by
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ECS Environmental Chemistry Services
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Houston, Texas

Under Subcontract to:

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June 11, 2011

1. INTRODUCTION

This Technical Data Review (TDR) contains the results of the data review conducted for samples collected June 16 and 17, 2011 from the ASARCO/Encycle of Texas facility in Corpus Christi, Nueces County, Texas. ECS Environmental Chemistry Services (ECS) reviewed chemical data analyzed by DHL Analytical in Round Rock, Texas. The following data are covered by this Technical Data Review:

DATA PACKAGE	LAB SAMPLE ID	FIELD SAMPLE ID	DATE COLLECTED	MATRIX	PARAMETER*
1106125	1106125-01	ER-061611	06/16/11	Water	SV, PCB
	1106125-02	SE-06	06/16/11	Soil	SV, PCB
	1106125-03	SE-07	06/16/11	Soil	SV, PCB
	1106125-04	GM-01	06/16/11	Soil	SV, PCB
	1106125-05	SE-03	06/16/11	Soil	SV, PCB
	1106125-06	SE-09	06/16/11	Soil	SV, PCB
	1106125-07	GM-99	06/16/11	Soil	SV, PCB
	1106125-08	ER-061611	06/16/11	Water	SV, PCB
1106136	1106136-01	SO-13	06/17/11	Soil	SV, PCB
	1106136-02	SO-13D	06/17/11	Soil	SV, PCB
	1106136-03	GM-02	06/17/11	Soil	SV, PCB
	1106136-04	STACK-02	06/17/11	Soil	SV, PCB
	1106136-05	SO-15	06/17/11	Soil	SV, PCB
	1106136-06	SO-15D	06/17/11	Soil	SV, PCB
	1106136-07	GM-03	06/17/11	Soil	SV, PCB
	1106136-08	SO-16	06/17/11	Soil	SV, PCB
	1106136-09	SO-16D	06/17/11	Soil	SV, PCB
	1106136-10	SO-98D	06/17/11	Soil	SV, PCB
	1106136-11	SE-04	06/17/11	Soil	SV, PCB
	1106136-12	SE-98	06/17/11	Soil	SV, PCB
	1106136-13	SO-14	06/17/11	Soil	SV, PCB
	1106136-14	SO-14D	06/17/11	Soil	SV, PCB
	1106136-15	ER-061711	06/17/11	Water	SV, PCB

SV = Semivolatile Organic Compounds by USEPA Method 8270D, PCB = Polychlorinated biphenyls by USEPA Method 8280A

The following field QC samples are covered by this TDR:

DATA PACKAGE	LAB SAMPLE ID	FIELD QC SAMPLE ID	FIELD QC SAMPLE TYPE	ASSOCIATED SAMPLES
1106125	1106125-01	ER-061611 (AM)	Equipment Blank	1106125-02-07
	1106125-07	GM-99	Field Duplicate	1106125-04
	1106125-08	ER-061611 (PM)	Equipment Blank	1106125-02-07
1106136	1106136-03	GM-02	MS/MSD	1106136-03
	1106136-09	SO-16D	MS/MSD	1106136-09
	1106136-10	SO-98D	Field Duplicate	1106136-09
	1106136-12	SE-98	Field Duplicate	1106136-11
	1106136-15	ER-061711	Equipment Blank	1106136-01-14

2. DATA REVIEW RESULTS

2.1 SEMIVOLATILE ORGANIC COMPOUNDS

For semivolatile data, the following items are reviewed in this section:

- Holding Time/Preservation Requirements
- Blanks
- Laboratory Control Samples
- Surrogates
- Matrix Spike/Matrix Spike Duplicates
- Field Duplicates

The following sections specify the reasons for the data validation qualifiers that are presented in Appendix A.

2.1.1 Holding Times/Preservation Requirements

The maximum holding time from date of collection to date of extraction for semivolatiles in solid matrix samples is 14 days. The maximum holding time from date of collection to date of extraction for semivolatiles in aqueous matrix samples is 7 days. The maximum holding time from date of extraction to date of analysis for semivolatiles in solid and aqueous matrix samples is 40 days. These holding times were met for all of the samples in this data set. None of the semivolatile data were qualified based on holding times.

2.1.2 Blanks

All associated blanks were free of all reported analytes in concentrations at or greater than the Sample Detection Limits (SDLs) with the following exceptions:

SDG	BLANK ID	COMPOUND	CONC.	SAMPLES QUALIFIED AS NON-DETECT
1106125	MB-46871	Benzoic Acid	0.0166 mg/l	None
	ER-061611 (AM)	Benzoic Acid	0.00376 mg/l	None
	ER-061611 (PM)	Acetophenone	0.00024 mg/l	1106125-07
		Benzoic Acid	0.00576 mg/l	None
1106136	ER-061711	Acetophenone	0.00024 mg/l	1106136-03
		Benzoic Acid	0.00228 mg/l	1106136-13
	MB-46871	Benzoic Acid	0.0166 mg/l	None

If a common laboratory contaminant (phthalates) is detected in a blank and is also detected in an associated sample in a concentration less than 10 times the concentration found in the blank, the sample data are qualified as non-detected for that compound. Also, if any other semivolatile compound is detected in a blank and is also detected in an associated sample in a concentration less than 5 times the concentration found in the blank, the sample data are qualified as non detected for that compound. Samples that had compounds qualified as NOT detected with a “U” qualifier based on these criteria are listed in the previous table.

2.1.3 Laboratory Control Samples (LCS)

The LCS review criteria for semivolatile data are as follows:

ACCURACY (%R)	PRECISION (RPD)
60%-140%	40%

One LCS/LCSD set was analyzed with every analytical batch. These criteria were met for all the LCS/LCSD in this data set with the following exceptions:

SDG	LCS ID	ANALYTE	LCS %R	CONTROL LIMITS	ASSOC. SAMPLES
1106125	LCS-46871	4-Nitrophenol	50	60-140	1106125-01, 08
		Caprolactam	25	60-140	1106125-01, 08
		Phenol	51	60-140	1106125-01, 08
1106136	LCS-46871	4-Nitrophenol	50	60-140	1106136-15
		Caprolactam	25	60-140	1106136-15
		Phenol	51	60-140	1106136-15

The associated samples listed above were qualified as follows:

	Detected results	Non-Detected Results
% R greater than 140%	JH	No qualification
% R less than 60% but greater than 10%	JL	UJL
% R less than 10%	JL	R

2.1.4 Surrogates

The surrogate review criteria for semivolatile data are as follows:

ACCURACY (%R)	PRECISION (RPD)
60%-140%	40%

Each sample, standard and method blank was spiked with the appropriate surrogates. These criteria were met for all the samples in this data set with the following exceptions:

SDG	SAMPLE ID	SURROGATE	ACID (AC) OR BASE/NEUTRAL (BN) FRACTION FOR SV	%R
1106125	1106125-01	Phenol-d6	AC	42
	1106125-03, DF1	Nitrobenzene-d5	BN	59
	1106125-08	Phenol-d6	AC	40
1106136	1106136-03	2,4,6-Tribromophenol	AC	59
		2-Fluorobiphenyl	BN	52
		2-Fluorophenol	AC	57
		Nitrobenzene-d5	BN	52
		Phenol-d6	AC	55
	1106136-05, DF1	2,4,6-Tribromophenol	AC	418
		Terphenyl-d14	BN	11
	1106136-05, DF5	2,4,6-Tribromophenol	AC	132
	1106136-06	2-Fluorobiphenyl	BN	57
	1106136-09	Nitrobenzene-d5	BN	58
		Phenol-d6	AC	59
	1106136-15	Phenol-d6	AC	40

For the semivolatile results for the samples and fractions listed above, associated results and compounds were qualified as follows if two or more surrogates per fraction (acid extractables or base/neutral extractables) met the following criteria:

	Detected results	**Non-Detected Results**
% R greater than 140%	JH-SUR	No qualification
% R less than 60% but greater than 10%	JL-SUR	UJL-SUR
% R less than 10%	JL-SUR	R-SUR

2.1.5 Matrix Spike/Matrix Spike Duplicates (MS/MSD)

The MS/MSD review criteria for semivolatile data are as follows:

ACCURACY (%R)	PRECISION (RPD)
60%-140%	40%

One MS/MSD set was analyzed with every analytical batch. These criteria were met for all the MS/MSD in this data set with the following exceptions:

SDG	MS/MSD ID	COMPOUND	MS %R	MSD %R	CONT. LIMITS	RPD	CONT. LIMIT
1106136	1106136-09	2,4-Dinitrophenol	53	52	60-140	3	40
		3,3'-Dichlorobenzidine	141	149	60-140	6	40
		4-Chloroaniline	56	61	60-140	8	40
		Benzoic acid	22	23	60-140	10	40
		Pentachlorophenol	51	53	60-140	3	40
	1106136-11	2,4-Dinitrophenol	55	57	60-140	0.4	40
		3,3'-Dichlorobenzidine	190	179	60-140	9	40
		Benzoic acid	17	12	60-140	37	40
		Hexachlorocyclopentadiene	10	0	60-140	0	40
		Pentachlorophenol	42	40	60-140	10	40
	1106136-03	2,4,5-Trichlorophenol	55	65	60-140	18	40
		2,4,6-Trichlorophenol	50	65	60-140	27	40
		2,4-Dichlorophenol	55	65	60-140	18	40
		2,4-Dimethylphenol	45	55	60-140	18	40
		2-Chloronaphthalene	55	60	60-140	10	40
		2-Chlorophenol	55	65	60-140	18	40
		2-Methylphenol	30	40	60-140	18	40
		2-Nitrophenol	50	60	60-140	19	40
		3,3´-Dichlorobenzidine	10	10	60-140	1	40
		4-Bromophenyl phenyl ether	55	60	60-140	10	40
		4-Chloroaniline	15	10	60-140	39	40
		4-Chlorophenyl phenyl ether	55	60	60-140	10	40
		4-Methylphenol	25	35	60-140	17	40
		4-Nitroaniline	15	15	60-140	1	40
		Acenaphthene	55	60	60-140	10	40

SDG	MS/MSD ID	COMPOUND	MS %R	MSD %R	CONT. LIMITS	RPD	CONT. LIMIT
		Acenaphthylene	55	60	60-140	10	40
		Acetophenone	50	60	60-140	15	40
		Anthracene	45	50	60-140	10	40
		Benzaldehyde	50	60	60-140	19	40
		Benzo[a]anthracene	40	45	60-140	10	40
		Benzo[g,h,i]perylene	60	55	60-140	6	40
		Benzo[k]fluoranthene	45	45	60-140	1	40
		Benzoic acid	70	154	60-140	77	40
		Benzyl alcohol	55	65	60-140	18	40
		Biphenyl	50	60	60-140	19	40
		Bis(2-chloroethyl)ether	45	55	60-140	21	40
		Bis(2-chloroisopropyl)ether	50	55	60-140	11	40
		Bis(2-ethylhexyl)phthalate	7	70	60-140	17	40
		Butyl benzyl phthalate	19	35	60-140	16	40
		Carbazole	55	60	60-140	10	40
		Chrysene	45	55	60-140	15	40
		Di-n-butyl phthalate	54	65	60-140	11	40
		Dibenzofuran	55	60	60-140	10	40
		Diethyl phthalate	55	60	60-140	10	40
		Fluorene	55	60	60-140	10	40
		Hexachlorobenzene	55	55	60-140	1	40
		Hexachlorobutadiene	45	55	60-140	21	40
		Hexachlorocyclopentadiene	35	25	60-140	32	40
		Hexachloroethane	50	55	60-140	11	40
		Isophorone	55	60	60-140	10	40
		N-Nitrosodi-n-propylamine	55	60	60-140	10	40
		N-Nitrosodiphenylamine	55	60	60-140	10	40
		Naphthalene	55	65	60-140	18	40
		Nitrobenzene	50	55	60-140	11	40
		Pentachlorophenol	45	55	60-140	21	40
		Phenanthrene	55	60	60-140	9	40
		Phenol	-6	5	60-140	17	40

The analytes and parent samples for the MS/MSDs listed above were qualified as follows:

	Detected results	**Non-Detected Results**
% R greater than 140%	JH-MS/SD	No qualification
% R less than 60% but greater than 10%	JL-MS/SD	UJL-MS/SD

	Detected results	Non-Detected Results
% R less than 10%	JL-MS/SD	R-MS/SD

2.1.6 Field Duplicates

For aqueous matrix samples, when both the original and duplicate result are greater than 5 times the method quantitation limit (MQL), the Relative Percent Differences (RPD) was equal to or less than 30%. For aqueous matrix samples, when one or both of the original and duplicate results are less than 5 times the MQL, the results agree within 2 times the greater SDL. For solid matrix samples, when both the original and duplicate result are greater than 5 times the method quantitation limit (MQL), the Relative Percent Differences (RPD) was equal to or less than 50%. For solid matrix samples, when one or both of the original and duplicate results are less than 5 times the MQL, the results agree within 3.5 times the greater SDL. The results of this evaluation of all detected results are shown in the following table:

SDG	FIELD DUP ID	ANALYTE	ORIGINAL RESULT	DUPLICATE RESULT	QC RESULT	CRITERIA
1106125	1106125-04/07	2,4-Dimethyl phenol	0.290	0.298	DIF:0.008	<=0.522
		2-Methyl naphthalene	0.145 U	0.497	DIF:0.352	<=0.522
		2-Methyl phenol	0.145 U	0.199	DIF:0.054	<=0.522
		4-Methyl phenol	0.676	0.298 U	DIF:0.378	<=1.04
		Acenaphthylene	0.290	0.199	DIF:0.091	<=0.522
		Acetophenone	0.145 U	0.298	DIF:0.153	<=0.522
		Anthracene	0.290	0.149 U	DIF:0.141	<=0.522
		Benzo (a) anthracene	**4.05**	**1.69**	**DIF:2.36**	**<=0.522**
		Benzo (a) pyrene	**7.53**	**3.38**	**RPD:76%**	**<=50%**
		Benzo (b) fluoranthene	**17.0**	**8.75**	**RPD:64%**	**<=50%**
		Benzo (ghi)	**6.37**	**2.09**	**RPD:101%**	**<=50%**

SDG	FIELD DUP ID	ANALYTE	ORIGINAL RESULT	DUPLICATE RESULT	QC RESULT	CRITERIA
		perylene				
		Benzo (k) fluoranthene	**3.96**	**2.19**	**RPD:58%**	**<=50%**
		bis (2-Ethylhexyl) phthalate	**0.676**	**2.29**	**DIF:1.61**	**<=1.57**
		Carbazole	**1.35**	**0.497**	**DIF:0.853**	**<=0.522**
		Chrysene	7.72	6.26	RPD:21%	<=50%
		Dibenz (ah) anthracene	**2.32**	**0.596**	**DIF:1.72**	**<=0.522**
		Fluoranthene	15.3	9.44	RPD:47%	<=50%
		Indeno (123-cd) Pyrene	**6.18**	**2.09**	**RPD:99%**	**<=50%**
		Naphthalene	0.193	0.199	DIF:0.006	<=0.522
		Pentachlorophenol	0.290	0.298	DIF:0.008	<=0.522
		Phenanthrene	3.47	3.38	RPD:3%	<=50%
		Phenol	0.145 U	0.398	DIF:0.253	<=0.522
		Pyrene	10.7	7.55	RPD:35%	<=50%
1106136	1106136-09/10	**Acenaphthlene**	**0.0122 U**	**0.0588**	**DIF:0.0466**	**<=0.0427**
		Acenaphthylene	0.0122 U	0.0147	DIF:0.0025	<=0.0427
		Anthracene	**0.0122 U**	**0.206**	**DIF:0.194**	**<=0.0427**
		Benzo (a) anthracene	**0.0487**	**0.794**	**DIF:0.745**	**<=0.0427**
		Benzo (a) pyrene	**0.0568**	**0.765**	**DIF:0.708**	**<=0.0427**
		Benzo (b) fluoranthene	**0.0730**	**1.08**	**DIF:1.01**	**<=0.0427**
		Benzo (ghi) perylene	**0.0406**	**0.434**	**DIF:0.393**	**<=0.0427**
		Benzo (k) fluoranthene	**0.0324**	**0.250**	**DIF:0.218**	**<=0.0427**
		Carbazole	**0.0122 U**	**0.132**	**DIF:0.120**	**<=0.0427**
		Chrysene	**0.0324**	**0.647**	**DIF:0.615**	**<=0.0427**
		Dibenz (ah) anthracene	**0.0324**	**0.140**	**DIF:0.108**	**<=0.0427**
		Dibenzofuran	0.0122 U	0.0221	DIF:0.0099	<=0.0427
		Fluoranthene	**0.0649**	**1.65**	**DIF:1.59**	**<=0.0427**
		Fluorene	0.0122 U	0.0515	DIF:0.0393	<=0.0427
		Indeno (123-cd) Pyrene	**0.0406**	**0.419**	**DIF:0.378**	**<=0.0427**
		Phenanthrene	**0.0324**	**0.787**	**DIF:0.755**	**<=0.0427**

SDG	FIELD DUP ID	ANALYTE	ORIGINAL RESULT	DUPLICATE RESULT	QC RESULT	CRITERIA
		Pyrene	**0.0487**	**1.07**	**DIF:1.02**	**<=0.0427**
	1106136-11/12	2-Methylnaphthalene	0.207	0.230	DIF:0.023	<=0.302
		Acenaphthylene	0.0829	0.0864 U	DIF:0.0035	<=0.302
		Anthracene	0.166	0.173	DIF:0.007	<=0.302
		Benzo (a) anthracene	0.415	0.461	DIF:0.046	<=0.302
		Benzo (a) pyrene	0.705	0.634	DIF:0.071	<=0.302
		Benzo (b) fluoranthene	0.995	0.922	DIF:0.073	<=0.302
		Benzo (ghi) perylene	0.580	0.576	DIF:0.004	<=0.302
		Benzo (k) fluoranthene	0.249	0.230	DIF:0.019	<=0.302
		bis (2-Ethylhexyl) phthalate	0.207	0.288	DIF:0.081	<=0.907
		Chrysene	0.415	0.403	DIF:0.012	<=0.302
		Dibenz (ah) anthracene	0.249	0.288	DIF:0.039	<=0.302
		Fluoranthene	0.622	0.634	DIF:0.012	<=0.302
		Indeno (123-cd) Pyrene	0.456	0.403	DIF:0.062	<=0.302
		Naphthalene	0.0829	0.115	DIF:0.032	<=0.302
		Phenanthrene	0.249	0.230	DIF:0.019	<=0.302
		Pyrene	0.580	0.634	DIF:0.054	<=0.302

Results listed above in bold type did not meet data review criteria and were qualified as estimated with “J” qualifiers for detects and “UJ” qualifiers for non-detects.

2.2 POLYCHLORINATED BIPHENYLS (PCB)

For PCB data, the following items are reviewed in this section:

- Holding Time/Preservation Requirements

- Blanks
- Laboratory Control Samples
- Surrogates
- Matrix Spike/Matrix Spike Duplicates
- Field Duplicates

The following sections specify the reasons for the data validation qualifiers that are presented in Appendix A.

2.2.5 Holding Time/Preservation Requirements

The maximum holding time from date of extraction to date of analysis for PCB in solid and aqueous matrix samples is 40 days. These holding times were met for all of the samples in this data set. None of the PCB data were qualified based on holding times.

2.2.6 Blanks

All associated blanks were free of all reported analytes in concentrations at or greater than the SDLs. None of the PCB data were qualified based on blank data.

2.2.7 Laboratory Control Sample (LCS)

The LCS review criteria for metal data are as follows:

ACCURACY (%R)	PRECISION (RPD)
60%-140%	40%

One LCS was analyzed with each analytical batch. These criteria were met for all the samples in this data set. None of the PCB data were qualified based on LCS data.

2.2.4 Surrogates

The surrogate review criteria for PCB data are as follows:

ACCURACY (%R)	PRECISION (RPD)
60%-140%	40%

Each sample, standard and method blank was spiked with the appropriate surrogates. These criteria were met for all the samples in this data set with the following exceptions:

SDG	SAMPLE ID	SURROGATE	%R
1106125	1106125-01	Decachlorobiphenyl	36
	1106125-03	Decachlorobiphenyl	44
	1106125-04	Decachlorobiphenyl	40
	1106125-05	Decachlorobiphenyl	47
		Tetrachloro-m-xylene	53
	1106125-07	Decachlorobiphenyl	20
		Tetrachloro-m-xylene	50
	1106125-08	Decachlorobiphenyl	22
1106136	1106136-01	Decachlorobiphenyl	53
	1106136-03	Tetrachloro-m-xylene	42
	1106136-05	Decachlorobiphenyl	13
		Tetrachloro-m-xylene	21
	1106136-06	Decachlorobiphenyl	28
		Tetrachloro-m-xylene	23
	1106136-07	Decachlorobiphenyl	26
	1106136-08	Decachlorobiphenyl	55
	1106136-09	Decachlorobiphenyl	47
		Tetrachloro-m-xylene	57
	1106136-11	Decachlorobiphenyl	47
		Tetrachloro-m-xylene	51

SDG	SAMPLE ID	SURROGATE	%R
	1106136-12	Decachlorobiphenyl	48
	1106136-15	Decachlorobiphenyl	38

PCB results that did not meet data review criteria were qualified as follows:

	Detected results	Non-Detected Results
% R greater than 140%	JH-SUR	No qualification
% R less than 60% but greater than 10%	JL-SUR	UJL-SUR
% R less than 10%	JL-SUR	R-SUR

2.2.5 Matrix Spike/ Matrix Spike Duplicate Sample

The MS/MSD review criteria for PCB data are as follows:

ACCURACY (%R)	PRECISION (RPD)
60%-140%	40%

One MS/MSD set was analyzed with every analytical batch. These criteria were met for all the MS/MSD in this data set with the following exceptions:

SDG	MS/MSD ID	COMPOUND	MS %R	MSD %R	CONT. LIMITS	RPD	CONT. LIMIT
1106136	1106136-03	Arclor 1016	59	46	60-140	27	40
	1106136-06	Arclor 1016	20	20	60-140	1	40
		Arclor 1260	19	20	60-140	1	40

The analytes and parent samples for the MS/MSDs listed above were qualified as follows:

	Detected results	Non-Detected Results
% R greater than 140%	JH-MS/SD	No qualification
% R less than 60% but greater than 10%	JL-MS/SD	UJL-MS/SD

	Detected results	Non-Detected Results
% R less than 10%	JL-MS/SD	R-MS/SD

2.2.6 Field Duplicates

For aqueous matrix samples, when both the original and duplicate result are greater than 5 times the method quantitation limit (MQL), the Relative Percent Differences (RPD) was equal to or less than 30%. For aqueous matrix samples, when one or both of the original and duplicate results are less than 5 times the MQL, the results agree within 2 times the greater SDL. For solid matrix samples, when both the original and duplicate result are greater than 5 times the method quantitation limit (MQL), the Relative Percent Differences (RPD) was equal to or less than 50%. For solid matrix samples, when one or both of the original and duplicate results are less than 5 times the MQL, the results agree within 3.5 times the greater SDL. The results of this evaluation of all detected results are shown in the following table:

SDG	FIELD DUP ID	ANALYTE	ORIGINAL RESULT	DUPLICATE RESULT	QC RESULT	CRITERIA
1106125	1106125-04/07	Arolcor 1268	0.102	0.952 U	DIF:0.374	<=1.67

None of the field duplicate results required qualification because data review criteria were met.

ECS Environmental Chemistry Services

PO Box 79782 Houston, TX 77279♦Voice/Fax:(713) 935-0222♦ecschem@sbcglobal.net

To: Phil Bredfeldt, Project Manager, WESTON Solutions, Inc.

From: Nan Toole, ECS Environmental Chemistry Services

Date: 7/18/2011

Re: Data Validation Memorandum, Former ASARCO/Encycle of Texas Facility State Superfund Site, June 2011

This Data Validation Memorandum summarizes the results of the data validation for the Former ASARCO/Encycle of Texas Facility State Superfund Site sampling event conducted during June 2011. ECS Environmental Chemistry Services validated chemical data analyzed by DHL Analytical in Round Rock, Texas and Columbia Analytical Services in Houston, Texas. This memorandum covers the following data:

DATA PACKAGE	LAB SAMPLE ID	FIELD SAMPLE ID	DATE COLL.	MEDIA	PARAMETER
1106125	1106125-01	ER-061611	06/16/11	Water	SV, PCB
	1106125-02	SE-06	06/16/11	Soil	SV, PCB
	1106125-03	SE-07	06/16/11	Soil	SV, PCB
	1106125-04	GM-01	06/16/11	Soil	SV, PCB
	1106125-05	SE-03	06/16/11	Soil	SV, PCB
	1106125-06	SE-09	06/16/11	Soil	SV, PCB
	1106125-07	GM-99	06/16/11	Soil	SV, PCB
	1106125-08	ER-061611	06/16/11	Water	SV, PCB
1106136	1106136-01	SO-13	06/17/11	Soil	SV, PCB
	1106136-02	SO-13D	06/17/11	Soil	SV, PCB
	1106136-03	GM-02	06/17/11	Soil	SV, PCB
	1106136-04	STACK-02	06/17/11	Soil	SV, PCB
	1106136-05	SO-15	06/17/11	Soil	SV, PCB
	1106136-06	SO-15D	06/17/11	Soil	SV, PCB
	1106136-07	GM-03	06/17/11	Soil	SV, PCB
	1106136-08	SO-16	06/17/11	Soil	SV, PCB
	1106136-09	SO-16D	06/17/11	Soil	SV, PCB
	1106136-10	SO-98D	06/17/11	Soil	SV, PCB
	1106136-11	SE-04	06/17/11	Soil	SV, PCB
	1106136-12	SE-98	06/17/11	Soil	SV, PCB
	1106136-13	SO-14	06/17/11	Soil	SV, PCB
	1106136-14	SO-14D	06/17/11	Soil	SV, PCB
	1106136-15	ER-061711	06/17/11	Water	SV, PCB

MET=ICP/MS metals (arsenic, barium, cadmium, chromium, lead, selenium, and silver) by EPA Method 6020; HG=Mercury by EPA Method 7471A

Analytical data were evaluated for conformance to the requirements of *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846)* and the Texas Commission on Environmental Quality (TCEQ) Quality Assurance Project Plan (QAPP) (Document Control Number 200919.7). The technical data review resulted in no significant quality control anomalies, rejected data nor any corrective actions taken or recommended for future analyses with the following exceptions:

ECS Environmental Chemistry Services

PO Box 79782 Houston, TX 77279♦Voice/Fax:(713) 935-0222♦ecschem@sbcglobal.net

SDG	Affected Sample (s)	Analyte	Reason
1106136	SE-04	Hexachlorocyclopentadiene	MSD %R was less than 10%

Hexachlorocyclopentadiene is not COCs. The rejection of the data listed above does not impact the overall project objective of assessing the organic compounds present in site matrices.

DATA VALIDATION REPORT

FORMER ASARCO/ENCYCLE OF TEXAS FACILITY

STATE SUPERFUND SITE

JUNE 2011 SAMPLING EVENT

Prepared for

Texas Commission on Environmental Quality

Austin, Texas

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July 15, 2011

1. INTRODUCTION

This Data Validation Report (DVR) contains the results of the data validation conducted by ECS Environmental Chemistry Services (ECS) for ten percent of the samples collected from the ASARCO/Encycle of Texas facility in Corpus Christi, Nueces County, Texas. This report covers the following samples

DATA PACKAGE	LAB SAMPLE ID	FIELD SAMPLE ID	DATE COLLECTED	MATRIX	PARAMETER*
1106125	1106125-01	ER-061611	06/16/11	Water	SV, PCB
	1106125-02	SE-06	06/16/11	Soil	SV, PCB
	1106125-03	SE-07	06/16/11	Soil	SV, PCB
	1106125-04	GM-01	06/16/11	Soil	SV, PCB
	1106125-05	SE-03	06/16/11	Soil	SV, PCB
	1106125-06	SE-09	06/16/11	Soil	SV, PCB
	1106125-07	GM-99	06/16/11	Soil	SV, PCB
	1106125-08	ER-061611	06/16/11	Water	SV, PCB
1106136	1106136-01	SO-13	06/17/11	Soil	SV, PCB
	1106136-02	SO-13D	06/17/11	Soil	SV, PCB
	1106136-03	GM-02	06/17/11	Soil	SV, PCB
	1106136-04	STACK-02	06/17/11	Soil	SV, PCB
	1106136-05	SO-15	06/17/11	Soil	SV, PCB
	1106136-06	SO-15D	06/17/11	Soil	SV, PCB
	1106136-07	GM-03	06/17/11	Soil	SV, PCB
	1106136-08	SO-16	06/17/11	Soil	SV, PCB
	1106136-09	SO-16D	06/17/11	Soil	SV, PCB
	1106136-10	SO-98D	06/17/11	Soil	SV, PCB
	1106136-11	SE-04	06/17/11	Soil	SV, PCB
	1106136-12	SE-98	06/17/11	Soil	SV, PCB
	1106136-13	SO-14	06/17/11	Soil	SV, PCB
	1106136-14	SO-14D	06/17/11	Soil	SV, PCB
	1106136-15	ER-061711	06/17/11	Water	SV, PCB

SV = Semivolatile Organic Compounds by USEPA Method 8270D, PCB = Polychlorinated biphenyls by USEPA Method 8280A

The following field QC samples are covered by this TDR:

DATA PACKAGE	LAB SAMPLE ID	FIELD QC SAMPLE ID	FIELD QC SAMPLE TYPE	ASSOCIATED SAMPLES
1106125	1106125-01	ER-061611 (AM)	Equipment Blank	1106125-02-07
	1106125-07	GM-99	Field Duplicate	1106125-04
	1106125-08	ER-061611 (PM)	Equipment Blank	1106125-02-07
1106136	1106136-03	GM-02	MS/MSD	1106136-03
	1106136-09	SO-16D	MS/MSD	1106136-09
	1106136-10	SO-98D	Field Duplicate	1106136-09
	1106136-12	SE-98	Field Duplicate	1106136-11
	1106136-15	ER-061711	Equipment Blank	1106136-01-14

2. DATA VALIDATION RESULTS

2.1 SEMIVOLATILE ORGANIC COMPOUNDS/ PCB / PESTICIDES

For semivolatile data, the following items are reviewed in this section:

- Initial Calibration
- Continuing Calibration
- GC/MS Instrument Tuning
- Internal Standards

The following sections specify the reasons for the data validation qualifiers that are presented in Appendix A.

2.1.1 Initial Calibration

Initial Calibrations were performed at the proper frequency and met the criteria specified in Table B.5.1.10-3 of the TCEQ Superfund QAPP. None of the semivolatile data were qualified based on initial calibration data.

2.1.2 Continuing Calibration

Continuing Calibrations were performed at the proper frequency and met the criteria a specified in Table B.5.1.10-3 of the TCEQ Superfund QAPP. None of the semivolatile data were qualified based on continuing calibration data.

2.1.3 GC/MS Instrument Tuning

GC/MS instrument tunes for semivolatiles met the ion abundance criteria specified in section B.5.1.10 of the TCEQ Superfund QAPP. GC/MS tunes were conducted at the proper frequency (1 every 12 hours) for this data set. None of the semivolatile data were qualified based on tuning data.

2.1.4 Internal Standards

The sample-specific precision and accuracy QC review criteria for semivolatile data are specified in the table B5.1.10-3 of the TCEQ Superfund QAPP. All internal standard area counts for the samples in this report were less than a factor of + OR- 50% from the associated calibration standard with the following exceptions: These criteria were met for all the samples in this data set. None of the semivolatile data were qualified based on internal standard data.

2.2 PCB

For PCB data, the following items are reviewed in this section:

- Initial Calibration
- Continuing Calibration

The following sections specify the reasons for the data validation qualifiers that are presented in Appendix A.

2.2.1 Initial Calibration

Initial Calibrations were performed at the proper frequency and met the criteria specified in Table B.5.1.6-3 of the TCEQ Superfund QAPP. None of the PCB data were qualified based on initial calibration data.

2.2.2 Continuing Calibration

Continuing Calibrations were performed at the proper frequency and met the criteria a specified in Table B.5.1.6-3 of the TCEQ Superfund QAPP. None of the PCB data were qualified based on continuing calibration data.