MULTI-SERVICE SITE
DAYTON, OHIO
DATA VALIDATION REPORT

Date: March 7, 2011
Laboratory: ALS Environmental (ALS), Cincinnati, Ohio
Laboratory Project #: 1101543
Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON®) Superfund Technical Assessment and Response Team (START)
Weston Analytical Work Order #/TDD #: 20405.016.001.1345.00/S05-0001-1101-004

This data validation report has been prepared by WESTON START under the START III Region V contract. This report documents the data validation for 13 waste samples collected for the Multi-Service Site that were analyzed for the following parameters and U.S. Environmental Protection Agency (U.S. EPA) methods:

- Total Volatile Organic Compounds (VOC) by SW-846 Method 8260
- Toxicity Characteristic Leaching Procedure (TCLP) Volatile Organic Compounds (VOC) by SW-846 Methods 1311 and 8260
- Ignitability by SW-846 Method 1010 and 1030
- Corrosivity by SW-846 Method 9040B and 9045C

A level II data package was requested from ALS. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated June 2008 and "Contract Laboratory Program National Functional Guidelines for Superfund Inorganic Data Review" dated January 2010. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

US EPA RECORDS CENTER REGION 5
415501

Data Validation Report
Multi-Service Site
ALS Environmental
Laboratory Project #: 1101543

TOTAL VOCs BY SW-846 METHOD 8260 AND TCLP VOCs by SW-846 METHODS 1311 AND 8260

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
MS-2	1101543-02	Liquid	1/27/2011	2/3/2011
MS-3	1101543-03	Liquid	1/27/2011	2/1/2011 – 2/2/2011
MS-4	1101543-04	Liquid	1/27/2011	2/3/2011
MS-7	1101543-07	Liquid	1/27/2011	2/3/2011
MS-9	1101543-09	Liquid	1/27/2011	2/1/2011
MS-13	1101543-13	Sludge	1/27/2011	2/1/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection.

3. Blanks

Method blanks were analyzed with the total and TCLP VOC analyses. The method blanks were free of target compound contamination above the reporting limit.

4. Surrogate Results

The surrogate recovery results were within the laboratory-established quality control (QC) limits.

5. Laboratory Control Sample (LCS) Results

The LCS recoveries were within laboratory QC limits.

6. Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results

ALS analyzed an MS and MSDs using samples from other sites. Therefore, matrix interferences could not be evaluated for the Mutli-Service site using MS and MSDs. The percent recoveries and relative percent differences (RPD) were acceptable for the MS and MSDs that were analyzed.

7. Overall Assessment

The total VOC and TCLP VOC data are acceptable for use based on the information received.

GENERAL CHEMISTRY PARAMETERS (ignitability by SW-846 1010 and 1030 and pH by SW-846 9040B and 9045C)

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Sample ID	Lab ID	Matrix	Date Collected	Date Analyzed	Parameter Analyzed
MS-1	1101543-01	Liquid	1/27/2011	2/1/2011	Flashpoint
MS-2	1101543-02	Liquid	1/27/2011	2/1/2011	Flashpoint
MS-3	1101543-03	Liquid	1/27/2011	2/1/2011	Flashpoint
MS-4	1101543-04	Liquid	1/27/2011	2/1/2011	Flashpoint
MS-5	1101543-05	Liquid	1/27/2011	2/1/2011	Flashpoint
MS-6	1101543-06	Liquid	1/27/2011	1/31/2011	pH
MS-7	1101543-07	Liquid	1/27/2011	2/1/2011	Flashpoint
MS-8	1101543-08	Liquid	1/27/2011	1/31/2011	pH
MS-9	1101543-09	Liquid	1/27/2011	2/1/2011	Flashpoint
MS-10	1101543-10	Liquid	1/27/2011	1/31/2011	pH
MS-11	1101543-11	Solid	1/27/2011	1/31/2011	pH
MS-12	1101543-12	Liquid	1/27/2011	2/1/2011	Flashpoint

2. Holding Times

The analytical methods for pH and flashpoint state that the analyses should be analyzed as soon as possible. There is no exact holding time limit in the methods. ALS flagged the pH results with an "H" to indicate that they exceeded holding time limits. pH was analyzed within four days of sample collection and flashpoint was analyzed within five days of sample collection. Because the samples were concentrated waste samples, it is not expected that the pH and flashpoint results would be affected based on the times they were analyzed and no qualifications were applied.

3. Overall Assessment

The ignitability and pH data are acceptable for use based on the information received.

Data Validation Report
Multi-Service Site
ALS Environmental
Laboratory Project #: 1101543

ATTACHMENT

ALS ENVIRONMENTAL
RESULTS SUMMARY WITH QUALIFIERS

ALS Environmental

Date: *04-Feb-11*

Client: Weston Solutions, Inc
Project: Project# 20405.016.001.1345.00
Sample ID: MS-1
Collection Date: 1/27/2011

Work Order: 1101543
Lab ID: 1101543-01
Matrix: LIQUID

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
FLASHPOINT			Method: **E1010**				Analyst: **RDN**
Flashpoint	**100**		**0**		**°F**	1	2/1/2011

Note:

ALS Environmental

Date: *04-Feb-11*

Client: Weston Solutions, Inc
Project: Project# 20405.016.001.1345.00
Sample ID: MS-2
Collection Date: 1/27/2011

Work Order: 1101543
Lab ID: 1101543-02
Matrix: LIQUID

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP VOLATILE ORGANIC COMPOUNDS			Method: **SW8260**		Prep: SW1311 / 1/31/11		Analyst: **PPC**
1,1-Dichloroethene	U		50	50	mg/L	10000	2/3/2011 14:15
1,2-Dichloroethane	U		50	50	mg/L	10000	2/3/2011 14:15
1,4-Dichlorobenzene	U		50	50	mg/L	10000	2/3/2011 14:15
2-Butanone	U		50	50	mg/L	10000	2/3/2011 14:15
Benzene	U		50	50	mg/L	10000	2/3/2011 14:15
Carbon tetrachloride	U		50	50	mg/L	10000	2/3/2011 14:15
Chlorobenzene	U		50	50	mg/L	10000	2/3/2011 14:15
Chloroform	U		50	50	mg/L	10000	2/3/2011 14:15
Tetrachloroethene	U		5.6	5.6	mg/L	10000	2/3/2011 14:15
Trichloroethene	U		50	50	mg/L	10000	2/3/2011 14:15
Vinyl chloride	U		20	20	mg/L	10000	2/3/2011 14:15
Surr: Bromofluorobenzene	*93.1*			*70-130*	*%REC*	10000	2/3/2011 14:15
Surr: Dibromofluoromethane	*109*			*70-130*	*%REC*	10000	2/3/2011 14:15
Surr: Toluene-d8	*103*			*70-130*	*%REC*	10000	2/3/2011 14:15
VOLATILE ORGANIC COMPOUNDS			Method: **SW8260**				Analyst: **PPC**
1,1,1,2-Tetrachloroethane	U		13,000	50,000	µg/L	10000	2/3/2011 14:15
1,1,1-Trichloroethane	U		11,000	50,000	µg/L	10000	2/3/2011 14:15
1,1,2,2-Tetrachloroethane	U		13,000	50,000	µg/L	10000	2/3/2011 14:15
1,1,2-Trichloroethane	U		7,100	50,000	µg/L	10000	2/3/2011 14:15
1,1-Dichloroethane	U		6,900	50,000	µg/L	10000	2/3/2011 14:15
1,1-Dichloroethene	U		2,100	50,000	µg/L	10000	2/3/2011 14:15
1,1-Dichloropropene	U		3,700	50,000	µg/L	10000	2/3/2011 14:15
1,2,3-Trichlorobenzene	U		5,000	50,000	µg/L	10000	2/3/2011 14:15
1,2,3-Trichloropropane	U		15,000	50,000	µg/L	10000	2/3/2011 14:15
1,2,4-Trichlorobenzene	U		5,000	50,000	µg/L	10000	2/3/2011 14:15
1,2,4-Trimethylbenzene	**92,000**		**1,600**	**50,000**	**µg/L**	10000	2/3/2011 14:15
1,2-Dibromo-3-chloropropane	U		38,000	50,000	µg/L	10000	2/3/2011 14:15
1,2-Dibromoethane	U		6,000	50,000	µg/L	10000	2/3/2011 14:15
1,2-Dichlorobenzene	U		3,500	50,000	µg/L	10000	2/3/2011 14:15
1,2-Dichloroethane	U		6,300	50,000	µg/L	10000	2/3/2011 14:15
1,2-Dichloropropane	U		6,700	50,000	µg/L	10000	2/3/2011 14:15
1,3,5-Trimethylbenzene	**31,000**	J	**3,300**	**50,000**	**µg/L**	10000	2/3/2011 14:15
1,3-Dichlorobenzene	U		3,700	50,000	µg/L	10000	2/3/2011 14:15
1,3-Dichloropropane	U		7,800	50,000	µg/L	10000	2/3/2011 14:15
1,4-Dichlorobenzene	U		5,000	50,000	µg/L	10000	2/3/2011 14:15
2,2-Dichloropropane	U		5,400	50,000	µg/L	10000	2/3/2011 14:15
2-Butanone	U		7,700	50,000	µg/L	10000	2/3/2011 14:15
2-Chlorotoluene	U		5,300	50,000	µg/L	10000	2/3/2011 14:15

Note:

ALS Environmental

Date: *04-Feb-11*

Client: Weston Solutions, Inc
Project: Project# 20405.016.001.1345.00
Sample ID: MS-2
Collection Date: 1/27/2011

Work Order: 1101543
Lab ID: 1101543-02
Matrix: LIQUID

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
2-Hexanone	U		14,000	50,000	µg/L	10000	2/3/2011 14:15
4-Chlorotoluene	U		7,200	50,000	µg/L	10000	2/3/2011 14:15
4-Methyl-2-pentanone	U		29,000	50,000	µg/L	10000	2/3/2011 14:15
Acetone	U		23,000	50,000	µg/L	10000	2/3/2011 14:15
Benzene	U		5,100	50,000	µg/L	10000	2/3/2011 14:15
Bromobenzene	U		5,100	50,000	µg/L	10000	2/3/2011 14:15
Bromochloromethane	U		9,100	50,000	µg/L	10000	2/3/2011 14:15
Bromodichloromethane	U		16,000	50,000	µg/L	10000	2/3/2011 14:15
Bromoform	U		31,000	50,000	µg/L	10000	2/3/2011 14:15
Bromomethane	U		9,100	50,000	µg/L	10000	2/3/2011 14:15
Carbon disulfide	U		9,300	50,000	µg/L	10000	2/3/2011 14:15
Carbon tetrachloride	U		11,000	50,000	µg/L	10000	2/3/2011 14:15
Chlorobenzene	U		5,100	50,000	µg/L	10000	2/3/2011 14:15
Chloroethane	U		11,000	50,000	µg/L	10000	2/3/2011 14:15
Chloroform	U		9,500	50,000	µg/L	10000	2/3/2011 14:15
Chloromethane	U		3,000	50,000	µg/L	10000	2/3/2011 14:15
cis-1,2-Dichloroethene	U		5,700	50,000	µg/L	10000	2/3/2011 14:15
cis-1,3-Dichloropropene	U		9,100	50,000	µg/L	10000	2/3/2011 14:15
Dibromochloromethane	U		18,000	50,000	µg/L	10000	2/3/2011 14:15
Dibromomethane	U		11,000	50,000	µg/L	10000	2/3/2011 14:15
Dichlorodifluoromethane	U		8,300	50,000	µg/L	10000	2/3/2011 14:15
Ethylbenzene	**13,000**	J	**6,800**	**50,000**	**µg/L**	10000	2/3/2011 14:15
Hexachlorobutadiene	U		7,500	50,000	µg/L	10000	2/3/2011 14:15
Isopropylbenzene	U		4,200	50,000	µg/L	10000	2/3/2011 14:15
m,p-Xylene	**53,000**		**7,300**	**50,000**	**µg/L**	10000	2/3/2011 14:15
Methyl tert-butyl ether	U		7,100	50,000	µg/L	10000	2/3/2011 14:15
Methylene chloride	U		5,400	50,000	µg/L	10000	2/3/2011 14:15
Naphthalene	**49,000**	J	**9,600**	**50,000**	**µg/L**	10000	2/3/2011 14:15
n-Butylbenzene	**34,000**	J	**3,700**	**50,000**	**µg/L**	10000	2/3/2011 14:15
n-Propylbenzene	U		3,800	50,000	µg/L	10000	2/3/2011 14:15
o-Xylene	**15,000**	J	**2,700**	**50,000**	**µg/L**	10000	2/3/2011 14:15
p-Isopropyltoluene	U		2,000	50,000	µg/L	10000	2/3/2011 14:15
sec-Butylbenzene	U		1,600	50,000	µg/L	10000	2/3/2011 14:15
Styrene	U		4,900	50,000	µg/L	10000	2/3/2011 14:15
tert-Butylbenzene	U		2,000	50,000	µg/L	10000	2/3/2011 14:15
Tetrachloroethene	U		5,600	50,000	µg/L	10000	2/3/2011 14:15
Toluene	**170,000**		**4,800**	**50,000**	**µg/L**	10000	2/3/2011 14:15
trans-1,2-Dichloroethene	U		5,600	50,000	µg/L	10000	2/3/2011 14:15
trans-1,3-Dichloropropene	U		17,000	50,000	µg/L	10000	2/3/2011 14:15
Trichloroethene	U		7,800	50,000	µg/L	10000	2/3/2011 14:15

Note:

ALS Environmental

Date: *04-Feb-11*

Client: Weston Solutions, Inc
Project: Project# 20405.016.001.1345.00
Sample ID: MS-2
Collection Date: 1/27/2011

Work Order: 1101543
Lab ID: 1101543-02
Matrix: LIQUID

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Trichlorofluoromethane	U		9,400	50,000	µg/L	10000	2/3/2011 14:15
Vinyl chloride	U		9,300	20,000	µg/L	10000	2/3/2011 14:15
Xylenes, Total	**67,000**		**7,300**	**50,000**	**µg/L**	10000	2/3/2011 14:15
Surr: 4-Bromofluorobenzene	*92.5*			*61-131*	*%REC*	10000	2/3/2011 14:15
Surr: Dibromofluoromethane	*109*			*87-126*	*%REC*	10000	2/3/2011 14:15
Surr: Toluene-d8	*103*			*84-111*	*%REC*	10000	2/3/2011 14:15
FLASHPOINT		Method: **E1010**					Analyst: **RDN**
Flashpoint	**110**		**0**		**°F**	1	2/1/2011

Note:

ALS Environmental

Date: *04-Feb-11*

Client: Weston Solutions, Inc
Project: Project# 20405.016.001.1345.00
Sample ID: MS-3
Collection Date: 1/27/2011

Work Order: 1101543
Lab ID: 1101543-03
Matrix: LIQUID

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP VOLATILE ORGANIC COMPOUNDS		Method: **SW8260**					Analyst: **LAK**
1,1-Dichloroethene	U		0.25	0.25	mg/L	50	2/1/2011 18:22
1,2-Dichloroethane	U		0.25	0.25	mg/L	50	2/1/2011 18:22
1,4-Dichlorobenzene	U		0.25	0.25	mg/L	50	2/1/2011 18:22
2-Butanone	U		0.25	0.25	mg/L	50	2/1/2011 18:22
Benzene	U		0.25	0.25	mg/L	50	2/1/2011 18:22
Carbon tetrachloride	U		0.25	0.25	mg/L	50	2/1/2011 18:22
Chlorobenzene	U		0.25	0.25	mg/L	50	2/1/2011 18:22
Chloroform	U		0.25	0.25	mg/L	50	2/1/2011 18:22
Tetrachloroethene	U		0.25	0.25	mg/L	50	2/1/2011 18:22
Trichloroethene	U		0.25	0.25	mg/L	50	2/1/2011 18:22
Vinyl chloride	U		0.10	0.10	mg/L	50	2/1/2011 18:22
Surr: Bromofluorobenzene	*103*			*70-130*	*%REC*	50	2/1/2011 18:22
Surr: Dibromofluoromethane	*104*			*70-130*	*%REC*	50	2/1/2011 18:22
Surr: Toluene-d8	*97.6*			*70-130*	*%REC*	50	2/1/2011 18:22
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260**					Analyst: **LAK**
1,1,1,2-Tetrachloroethane	U		1,300	5,000	µg/L	1000	2/2/2011 15:25
1,1,1-Trichloroethane	U		1,100	5,000	µg/L	1000	2/2/2011 15:25
1,1,2,2-Tetrachloroethane	U		1,300	5,000	µg/L	1000	2/2/2011 15:25
1,1,2-Trichloroethane	U		710	5,000	µg/L	1000	2/2/2011 15:25
1,1-Dichloroethane	U		690	5,000	µg/L	1000	2/2/2011 15:25
1,1-Dichloroethene	U		210	5,000	µg/L	1000	2/2/2011 15:25
1,1-Dichloropropene	U		370	5,000	µg/L	1000	2/2/2011 15:25
1,2,3-Trichlorobenzene	U		500	5,000	µg/L	1000	2/2/2011 15:25
1,2,3-Trichloropropane	U		1,500	5,000	µg/L	1000	2/2/2011 15:25
1,2,4-Trichlorobenzene	U		500	5,000	µg/L	1000	2/2/2011 15:25
1,2,4-Trimethylbenzene	**10,000**		**160**	**5,000**	**µg/L**	1000	2/2/2011 15:25
1,2-Dibromo-3-chloropropane	U		3,800	5,000	µg/L	1000	2/2/2011 15:25
1,2-Dibromoethane	U		600	5,000	µg/L	1000	2/2/2011 15:25
1,2-Dichlorobenzene	U		350	5,000	µg/L	1000	2/2/2011 15:25
1,2-Dichloroethane	U		630	5,000	µg/L	1000	2/2/2011 15:25
1,2-Dichloropropane	U		670	5,000	µg/L	1000	2/2/2011 15:25
1,3,5-Trimethylbenzene	**3,000**	J	**330**	**5,000**	**µg/L**	1000	2/2/2011 15:25
1,3-Dichlorobenzene	U		370	5,000	µg/L	1000	2/2/2011 15:25
1,3-Dichloropropane	U		780	5,000	µg/L	1000	2/2/2011 15:25
1,4-Dichlorobenzene	U		500	5,000	µg/L	1000	2/2/2011 15:25
2,2-Dichloropropane	U		540	5,000	µg/L	1000	2/2/2011 15:25
2-Butanone	U		770	5,000	µg/L	1000	2/2/2011 15:25
2-Chlorotoluene	U		530	5,000	µg/L	1000	2/2/2011 15:25

Note:

ALS Environmental

Date: *04-Feb-11*

Client: Weston Solutions, Inc
Project: Project# 20405.016.001.1345.00
Sample ID: MS-3
Collection Date: 1/27/2011

Work Order: 1101543
Lab ID: 1101543-03
Matrix: LIQUID

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
2-Hexanone	U		1,400	5,000	µg/L	1000	2/2/2011 15:25
4-Chlorotoluene	U		720	5,000	µg/L	1000	2/2/2011 15:25
4-Methyl-2-pentanone	U		2,900	5,000	µg/L	1000	2/2/2011 15:25
Acetone	U		2,300	5,000	µg/L	1000	2/2/2011 15:25
Benzene	U		510	5,000	µg/L	1000	2/2/2011 15:25
Bromobenzene	U		510	5,000	µg/L	1000	2/2/2011 15:25
Bromochloromethane	U		910	5,000	µg/L	1000	2/2/2011 15:25
Bromodichloromethane	U		1,600	5,000	µg/L	1000	2/2/2011 15:25
Bromoform	U		3,100	5,000	µg/L	1000	2/2/2011 15:25
Bromomethane	U		910	5,000	µg/L	1000	2/2/2011 15:25
Carbon disulfide	U		930	5,000	µg/L	1000	2/2/2011 15:25
Carbon tetrachloride	U		1,100	5,000	µg/L	1000	2/2/2011 15:25
Chlorobenzene	U		510	5,000	µg/L	1000	2/2/2011 15:25
Chloroethane	U		1,100	5,000	µg/L	1000	2/2/2011 15:25
Chloroform	U		950	5,000	µg/L	1000	2/2/2011 15:25
Chloromethane	U		300	5,000	µg/L	1000	2/2/2011 15:25
cis-1,2-Dichloroethene	U		570	5,000	µg/L	1000	2/2/2011 15:25
cis-1,3-Dichloropropene	U		910	5,000	µg/L	1000	2/2/2011 15:25
Dibromochloromethane	U		1,800	5,000	µg/L	1000	2/2/2011 15:25
Dibromomethane	U		1,100	5,000	µg/L	1000	2/2/2011 15:25
Dichlorodifluoromethane	U		830	5,000	µg/L	1000	2/2/2011 15:25
Ethylbenzene	U		680	5,000	µg/L	1000	2/2/2011 15:25
Hexachlorobutadiene	U		750	5,000	µg/L	1000	2/2/2011 15:25
Isopropylbenzene	U		420	5,000	µg/L	1000	2/2/2011 15:25
m,p-Xylene	U		730	5,000	µg/L	1000	2/2/2011 15:25
Methyl tert-butyl ether	U		710	5,000	µg/L	1000	2/2/2011 15:25
Methylene chloride	U		540	5,000	µg/L	1000	2/2/2011 15:25
Naphthalene	**140,000**		**960**	**5,000**	**µg/L**	1000	2/2/2011 15:25
n-Butylbenzene	U		370	5,000	µg/L	1000	2/2/2011 15:25
n-Propylbenzene	U		380	5,000	µg/L	1000	2/2/2011 15:25
o-Xylene	U		270	5,000	µg/L	1000	2/2/2011 15:25
p-Isopropyltoluene	U		200	5,000	µg/L	1000	2/2/2011 15:25
sec-Butylbenzene	U		160	5,000	µg/L	1000	2/2/2011 15:25
Styrene	U		490	5,000	µg/L	1000	2/2/2011 15:25
tert-Butylbenzene	U		200	5,000	µg/L	1000	2/2/2011 15:25
Tetrachloroethene	U		560	5,000	µg/L	1000	2/2/2011 15:25
Toluene	U		480	5,000	µg/L	1000	2/2/2011 15:25
trans-1,2-Dichloroethene	U		560	5,000	µg/L	1000	2/2/2011 15:25
trans-1,3-Dichloropropene	U		1,700	5,000	µg/L	1000	2/2/2011 15:25
Trichloroethene	U		780	5,000	µg/L	1000	2/2/2011 15:25

Note:

ALS Environmental

Date: *04-Feb-11*

Client: Weston Solutions, Inc
Project: Project# 20405.016.001.1345.00
Sample ID: MS-3
Collection Date: 1/27/2011

Work Order: 1101543
Lab ID: 1101543-03
Matrix: LIQUID

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Trichlorofluoromethane	U		940	5,000	µg/L	1000	2/2/2011 15:25
Vinyl chloride	U		930	2,000	µg/L	1000	2/2/2011 15:25
Xylenes, Total	U		730	5,000	µg/L	1000	2/2/2011 15:25
Surr: 4-Bromofluorobenzene	*102*			*61-131*	*%REC*	1000	2/2/2011 15:25
Surr: Dibromofluoromethane	*102*			*87-126*	*%REC*	1000	2/2/2011 15:25
Surr: Toluene-d8	*99.4*			*84-111*	*%REC*	1000	2/2/2011 15:25
FLASHPOINT		Method: **E1010**					Analyst: **RDN**
Flashpoint	**No Flash**		**0**		**°F**	1	2/1/2011

Note:

ALS Environmental

Date: *04-Feb-11*

Client: Weston Solutions, Inc
Project: Project# 20405.016.001.1345.00
Sample ID: MS-4
Collection Date: 1/27/2011

Work Order: 1101543
Lab ID: 1101543-04
Matrix: LIQUID

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP VOLATILE ORGANIC COMPOUNDS			Method: **SW8260**		Prep: SW1311 / 1/31/11		Analyst: **PPC**
1,1-Dichloroethene	U		50	50	mg/L	10000	2/3/2011 15:16
1,2-Dichloroethane	U		50	50	mg/L	10000	2/3/2011 15:16
1,4-Dichlorobenzene	U		50	50	mg/L	10000	2/3/2011 15:16
2-Butanone	U		50	50	mg/L	10000	2/3/2011 15:16
Benzene	U		50	50	mg/L	10000	2/3/2011 15:16
Carbon tetrachloride	U		50	50	mg/L	10000	2/3/2011 15:16
Chlorobenzene	U		50	50	mg/L	10000	2/3/2011 15:16
Chloroform	U		50	50	mg/L	10000	2/3/2011 15:16
Tetrachloroethene	U		5.6	5.6	mg/L	10000	2/3/2011 15:16
Trichloroethene	U		50	50	mg/L	10000	2/3/2011 15:16
Vinyl chloride	U		20	20	mg/L	10000	2/3/2011 15:16
Surr: Bromofluorobenzene	*124*			*70-130*	*%REC*	10000	2/3/2011 15:16
Surr: Dibromofluoromethane	*116*			*70-130*	*%REC*	10000	2/3/2011 15:16
Surr: Toluene-d8	*104*			*70-130*	*%REC*	10000	2/3/2011 15:16
VOLATILE ORGANIC COMPOUNDS			Method: **SW8260**				Analyst: **PPC**
1,1,1,2-Tetrachloroethane	U		13,000	50,000	µg/L	10000	2/3/2011 15:16
1,1,1-Trichloroethane	U		11,000	50,000	µg/L	10000	2/3/2011 15:16
1,1,2,2-Tetrachloroethane	U		13,000	50,000	µg/L	10000	2/3/2011 15:16
1,1,2-Trichloroethane	U		7,100	50,000	µg/L	10000	2/3/2011 15:16
1,1-Dichloroethane	U		6,900	50,000	µg/L	10000	2/3/2011 15:16
1,1-Dichloroethene	U		2,100	50,000	µg/L	10000	2/3/2011 15:16
1,1-Dichloropropene	U		3,700	50,000	µg/L	10000	2/3/2011 15:16
1,2,3-Trichlorobenzene	U		5,000	50,000	µg/L	10000	2/3/2011 15:16
1,2,3-Trichloropropane	U		15,000	50,000	µg/L	10000	2/3/2011 15:16
1,2,4-Trichlorobenzene	U		5,000	50,000	µg/L	10000	2/3/2011 15:16
1,2,4-Trimethylbenzene	**750,000**		**1,600**	**50,000**	**µg/L**	10000	2/3/2011 15:16
1,2-Dibromo-3-chloropropane	U		38,000	50,000	µg/L	10000	2/3/2011 15:16
1,2-Dibromoethane	U		6,000	50,000	µg/L	10000	2/3/2011 15:16
1,2-Dichlorobenzene	U		3,500	50,000	µg/L	10000	2/3/2011 15:16
1,2-Dichloroethane	U		6,300	50,000	µg/L	10000	2/3/2011 15:16
1,2-Dichloropropane	U		6,700	50,000	µg/L	10000	2/3/2011 15:16
1,3,5-Trimethylbenzene	**210,000**		**3,300**	**50,000**	**µg/L**	10000	2/3/2011 15:16
1,3-Dichlorobenzene	U		3,700	50,000	µg/L	10000	2/3/2011 15:16
1,3-Dichloropropane	U		7,800	50,000	µg/L	10000	2/3/2011 15:16
1,4-Dichlorobenzene	U		5,000	50,000	µg/L	10000	2/3/2011 15:16
2,2-Dichloropropane	U		5,400	50,000	µg/L	10000	2/3/2011 15:16
2-Butanone	U		7,700	50,000	µg/L	10000	2/3/2011 15:16
2-Chlorotoluene	U		5,300	50,000	µg/L	10000	2/3/2011 15:16

Note:

ALS Environmental

Date: *04-Feb-11*

Client: Weston Solutions, Inc
Project: Project# 20405.016.001.1345.00
Sample ID: MS-4
Collection Date: 1/27/2011

Work Order: 1101543
Lab ID: 1101543-04
Matrix: LIQUID

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
2-Hexanone	U		14,000	50,000	µg/L	10000	2/3/2011 15:16
4-Chlorotoluene	U		7,200	50,000	µg/L	10000	2/3/2011 15:16
4-Methyl-2-pentanone	U		29,000	50,000	µg/L	10000	2/3/2011 15:16
Acetone	U		23,000	50,000	µg/L	10000	2/3/2011 15:16
Benzene	U		5,100	50,000	µg/L	10000	2/3/2011 15:16
Bromobenzene	U		5,100	50,000	µg/L	10000	2/3/2011 15:16
Bromochloromethane	U		9,100	50,000	µg/L	10000	2/3/2011 15:16
Bromodichloromethane	U		16,000	50,000	µg/L	10000	2/3/2011 15:16
Bromoform	U		31,000	50,000	µg/L	10000	2/3/2011 15:16
Bromomethane	U		9,100	50,000	µg/L	10000	2/3/2011 15:16
Carbon disulfide	U		9,300	50,000	µg/L	10000	2/3/2011 15:16
Carbon tetrachloride	U		11,000	50,000	µg/L	10000	2/3/2011 15:16
Chlorobenzene	U		5,100	50,000	µg/L	10000	2/3/2011 15:16
Chloroethane	U		11,000	50,000	µg/L	10000	2/3/2011 15:16
Chloroform	U		9,500	50,000	µg/L	10000	2/3/2011 15:16
Chloromethane	U		3,000	50,000	µg/L	10000	2/3/2011 15:16
cis-1,2-Dichloroethene	U		5,700	50,000	µg/L	10000	2/3/2011 15:16
cis-1,3-Dichloropropene	U		9,100	50,000	µg/L	10000	2/3/2011 15:16
Dibromochloromethane	U		18,000	50,000	µg/L	10000	2/3/2011 15:16
Dibromomethane	U		11,000	50,000	µg/L	10000	2/3/2011 15:16
Dichlorodifluoromethane	U		8,300	50,000	µg/L	10000	2/3/2011 15:16
Ethylbenzene	**32,000**	J	**6,800**	**50,000**	**µg/L**	10000	2/3/2011 15:16
Hexachlorobutadiene	U		7,500	50,000	µg/L	10000	2/3/2011 15:16
Isopropylbenzene	**22,000**	J	**4,200**	**50,000**	**µg/L**	10000	2/3/2011 15:16
m,p-Xylene	**140,000**		**7,300**	**50,000**	**µg/L**	10000	2/3/2011 15:16
Methyl tert-butyl ether	U		7,100	50,000	µg/L	10000	2/3/2011 15:16
Methylene chloride	U		5,400	50,000	µg/L	10000	2/3/2011 15:16
Naphthalene	**1,000,000**		**9,600**	**50,000**	**µg/L**	10000	2/3/2011 15:16
n-Butylbenzene	**230,000**		**3,700**	**50,000**	**µg/L**	10000	2/3/2011 15:16
n-Propylbenzene	**110,000**		**3,800**	**50,000**	**µg/L**	10000	2/3/2011 15:16
o-Xylene	**86,000**		**2,700**	**50,000**	**µg/L**	10000	2/3/2011 15:16
p-Isopropyltoluene	**31,000**	J	**2,000**	**50,000**	**µg/L**	10000	2/3/2011 15:16
sec-Butylbenzene	**25,000**	J	**1,600**	**50,000**	**µg/L**	10000	2/3/2011 15:16
Styrene	**47,000**	J	**4,900**	**50,000**	**µg/L**	10000	2/3/2011 15:16
tert-Butylbenzene	U		2,000	50,000	µg/L	10000	2/3/2011 15:16
Tetrachloroethene	U		5,600	50,000	µg/L	10000	2/3/2011 15:16
Toluene	**130,000**		**4,800**	**50,000**	**µg/L**	10000	2/3/2011 15:16
trans-1,2-Dichloroethene	U		5,600	50,000	µg/L	10000	2/3/2011 15:16
trans-1,3-Dichloropropene	U		17,000	50,000	µg/L	10000	2/3/2011 15:16
Trichloroethene	U		7,800	50,000	µg/L	10000	2/3/2011 15:16

Note:

ALS Environmental

Date: *04-Feb-11*

Client: Weston Solutions, Inc
Project: Project# 20405.016.001.1345.00
Sample ID: MS-4
Collection Date: 1/27/2011

Work Order: 1101543
Lab ID: 1101543-04
Matrix: LIQUID

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Trichlorofluoromethane	U		9,400	50,000	µg/L	10000	2/3/2011 15:16
Vinyl chloride	U		9,300	20,000	µg/L	10000	2/3/2011 15:16
Xylenes, Total	**230,000**		**7,300**	**50,000**	**µg/L**	10000	2/3/2011 15:16
Surr: 4-Bromofluorobenzene	*124*			*61-131*	*%REC*	10000	2/3/2011 15:16
Surr: Dibromofluoromethane	*116*			*87-126*	*%REC*	10000	2/3/2011 15:16
Surr: Toluene-d8	*102*			*84-111*	*%REC*	10000	2/3/2011 15:16
FLASHPOINT		Method: **E1010**					Analyst: **RDN**
Flashpoint	**120**		**0**		**°F**	1	2/1/2011

Note:

ALS Environmental

Date: *04-Feb-11*

Client: Weston Solutions, Inc
Project: Project# 20405.016.001.1345.00
Sample ID: MS-5
Collection Date: 1/27/2011

Work Order: 1101543
Lab ID: 1101543-05
Matrix: LIQUID

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
FLASHPOINT		Method: **E1010**					Analyst: **RDN**
Flashpoint	**No Flash**		**0**		**°F**	1	2/1/2011

Note:

ALS Environmental

Date: *04-Feb-11*

Client: Weston Solutions, Inc
Project: Project# 20405.016.001.1345.00
Sample ID: MS-6
Collection Date: 1/27/2011

Work Order: 1101543
Lab ID: 1101543-06
Matrix: LIQUID

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PH			Method: **E9040B**				Analyst: **RDN**
pH	**3.8**	H	**0**		**pH Units**	1	1/31/2011

Note:

ALS Environmental

Date: *04-Feb-11*

Client: Weston Solutions, Inc
Project: Project# 20405.016.001.1345.00
Sample ID: MS-7
Collection Date: 1/27/2011

Work Order: 1101543
Lab ID: 1101543-07
Matrix: LIQUID

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP VOLATILE ORGANIC COMPOUNDS			Method: **SW8260**		Prep: SW1311 / 1/31/11		Analyst: **PPC**
1,1-Dichloroethene	U		50	50	mg/L	10000	2/3/2011 16:17
1,2-Dichloroethane	U		50	50	mg/L	10000	2/3/2011 16:17
1,4-Dichlorobenzene	U		50	50	mg/L	10000	2/3/2011 16:17
2-Butanone	U		50	50	mg/L	10000	2/3/2011 16:17
Benzene	U		50	50	mg/L	10000	2/3/2011 16:17
Carbon tetrachloride	U		50	50	mg/L	10000	2/3/2011 16:17
Chlorobenzene	U		50	50	mg/L	10000	2/3/2011 16:17
Chloroform	U		50	50	mg/L	10000	2/3/2011 16:17
Tetrachloroethene	**53**		**5.6**	**5.6**	**mg/L**	10000	2/3/2011 16:17
Trichloroethene	U		50	50	mg/L	10000	2/3/2011 16:17
Vinyl chloride	U		20	20	mg/L	10000	2/3/2011 16:17
Surr: Bromofluorobenzene	*101*			*70-130*	*%REC*	10000	2/3/2011 16:17
Surr: Dibromofluoromethane	*109*			*70-130*	*%REC*	10000	2/3/2011 16:17
Surr: Toluene-d8	*103*			*70-130*	*%REC*	10000	2/3/2011 16:17
VOLATILE ORGANIC COMPOUNDS			Method: **SW8260**				Analyst: **PPC**
1,1,1,2-Tetrachloroethane	U		13,000	50,000	µg/L	10000	2/3/2011 16:17
1,1,1-Trichloroethane	U		11,000	50,000	µg/L	10000	2/3/2011 16:17
1,1,2,2-Tetrachloroethane	U		13,000	50,000	µg/L	10000	2/3/2011 16:17
1,1,2-Trichloroethane	U		7,100	50,000	µg/L	10000	2/3/2011 16:17
1,1-Dichloroethane	U		6,900	50,000	µg/L	10000	2/3/2011 16:17
1,1-Dichloroethene	U		2,100	50,000	µg/L	10000	2/3/2011 16:17
1,1-Dichloropropene	U		3,700	50,000	µg/L	10000	2/3/2011 16:17
1,2,3-Trichlorobenzene	U		5,000	50,000	µg/L	10000	2/3/2011 16:17
1,2,3-Trichloropropane	U		15,000	50,000	µg/L	10000	2/3/2011 16:17
1,2,4-Trichlorobenzene	U		5,000	50,000	µg/L	10000	2/3/2011 16:17
1,2,4-Trimethylbenzene	**9,700,000**		**8,000**	**250,000**	**µg/L**	50000	2/1/2011 17:52
1,2-Dibromo-3-chloropropane	U		38,000	50,000	µg/L	10000	2/3/2011 16:17
1,2-Dibromoethane	U		6,000	50,000	µg/L	10000	2/3/2011 16:17
1,2-Dichlorobenzene	U		3,500	50,000	µg/L	10000	2/3/2011 16:17
1,2-Dichloroethane	U		6,300	50,000	µg/L	10000	2/3/2011 16:17
1,2-Dichloropropane	U		6,700	50,000	µg/L	10000	2/3/2011 16:17
1,3,5-Trimethylbenzene	**3,300,000**		**16,000**	**250,000**	**µg/L**	50000	2/1/2011 17:52
1,3-Dichlorobenzene	U		3,700	50,000	µg/L	10000	2/3/2011 16:17
1,3-Dichloropropane	U		7,800	50,000	µg/L	10000	2/3/2011 16:17
1,4-Dichlorobenzene	U		5,000	50,000	µg/L	10000	2/3/2011 16:17
2,2-Dichloropropane	U		5,400	50,000	µg/L	10000	2/3/2011 16:17
2-Butanone	U		7,700	50,000	µg/L	10000	2/3/2011 16:17
2-Chlorotoluene	U		5,300	50,000	µg/L	10000	2/3/2011 16:17

Note:

ALS Environmental

Date: *04-Feb-11*

Client: Weston Solutions, Inc
Project: *Project# 20405.016.001.1345.00*
Sample ID: MS-7
Collection Date: 1/27/2011

Work Order: 1101543
Lab ID: 1101543-07
Matrix: LIQUID

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
2-Hexanone	U		14,000	50,000	µg/L	10000	2/3/2011 16:17
4-Chlorotoluene	U		7,200	50,000	µg/L	10000	2/3/2011 16:17
4-Methyl-2-pentanone	U		29,000	50,000	µg/L	10000	2/3/2011 16:17
Acetone	U		23,000	50,000	µg/L	10000	2/3/2011 16:17
Benzene	U		5,100	50,000	µg/L	10000	2/3/2011 16:17
Bromobenzene	U		5,100	50,000	µg/L	10000	2/3/2011 16:17
Bromochloromethane	U		9,100	50,000	µg/L	10000	2/3/2011 16:17
Bromodichloromethane	U		16,000	50,000	µg/L	10000	2/3/2011 16:17
Bromoform	U		31,000	50,000	µg/L	10000	2/3/2011 16:17
Bromomethane	U		9,100	50,000	µg/L	10000	2/3/2011 16:17
Carbon disulfide	U		9,300	50,000	µg/L	10000	2/3/2011 16:17
Carbon tetrachloride	U		11,000	50,000	µg/L	10000	2/3/2011 16:17
Chlorobenzene	U		5,100	50,000	µg/L	10000	2/3/2011 16:17
Chloroethane	U		11,000	50,000	µg/L	10000	2/3/2011 16:17
Chloroform	U		9,500	50,000	µg/L	10000	2/3/2011 16:17
Chloromethane	U		3,000	50,000	µg/L	10000	2/3/2011 16:17
cis-1,2-Dichloroethene	U		5,700	50,000	µg/L	10000	2/3/2011 16:17
cis-1,3-Dichloropropene	*U*		*9,100*	*50,000*	*µg/L*	*10000*	*2/3/2011 16:17*
Dibromochloromethane	U		18,000	50,000	µg/L	10000	2/3/2011 16:17
Dibromomethane	U		11,000	50,000	µg/L	10000	2/3/2011 16:17
Dichlorodifluoromethane	U		8,300	50,000	µg/L	10000	2/3/2011 16:17
Ethylbenzene	**380,000**		**6,800**	**50,000**	**µg/L**	10000	2/3/2011 16:17
Hexachlorobutadiene	U		7,500	50,000	µg/L	10000	2/3/2011 16:17
Isopropylbenzene	**400,000**		**4,200**	**50,000**	**µg/L**	10000	2/3/2011 16:17
m,p-Xylene	**1,800,000**		**7,300**	**50,000**	**µg/L**	10000	2/3/2011 16:17
Methyl tert-butyl ether	U		7,100	50,000	µg/L	10000	2/3/2011 16:17
Methylene chloride	U		5,400	50,000	µg/L	10000	2/3/2011 16:17
Naphthalene	**600,000**		**9,600**	**50,000**	**µg/L**	10000	2/3/2011 16:17
n-Butylbenzene	**710,000**		**3,700**	**50,000**	**µg/L**	10000	2/3/2011 16:17
n-Propylbenzene	***1,400,000***		***19,000***	***250,000***	***µg/L***	*50000*	*2/1/2011 17:52*
o-Xylene	**690,000**		**2,700**	**50,000**	**µg/L**	10000	2/3/2011 16:17
p-Isopropyltoluene	**210,000**		**2,000**	**50,000**	**µg/L**	10000	2/3/2011 16:17
sec-Butylbenzene	**260,000**		**1,600**	**50,000**	**µg/L**	10000	2/3/2011 16:17
Styrene	U		4,900	50,000	µg/L	10000	2/3/2011 16:17
tert-Butylbenzene	U		2,000	50,000	µg/L	10000	2/3/2011 16:17
Tetrachloroethene	**53,000**		**5,600**	**50,000**	**µg/L**	10000	2/3/2011 16:17
Toluene	**370,000**		**4,800**	**50,000**	**µg/L**	10000	2/3/2011 16:17
trans-1,2-Dichloroethene	U		5,600	50,000	µg/L	10000	2/3/2011 16:17
trans-1,3-Dichloropropene	U		17,000	50,000	µg/L	10000	2/3/2011 16:17
Trichloroethene	U		7,800	50,000	µg/L	10000	2/3/2011 16:17

Note:

ALS Environmental

Date: *04-Feb-11*

Client: Weston Solutions, Inc
Project: Project# 20405.016.001.1345.00
Sample ID: MS-7
Collection Date: 1/27/2011

Work Order: 1101543
Lab ID: 1101543-07
Matrix: LIQUID

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Trichlorofluoromethane	U		9,400	50,000	µg/L	10000	2/3/2011 16:17
Vinyl chloride	U		9,300	20,000	µg/L	10000	2/3/2011 16:17
Xylenes, Total	**2,400,000**		**7,300**	**50,000**	**µg/L**	10000	2/3/2011 16:17
Surr: 4-Bromofluorobenzene	*101*			*61-131*	*%REC*	10000	2/3/2011 16:17
Surr: Dibromofluoromethane	*109*			*87-126*	*%REC*	10000	2/3/2011 16:17
Surr: Toluene-d8	*103*			*84-111*	*%REC*	10000	2/3/2011 16:17
FLASHPOINT		Method: **E1010**					Analyst: **RDN**
Flashpoint	**140**		**0**		**°F**	1	2/1/2011

Note:

ALS Environmental

Date: *04-Feb-11*

Client: Weston Solutions, Inc
Project: Project# 20405.016.001.1345.00
Sample ID: MS-8
Collection Date: 1/27/2011

Work Order: 1101543
Lab ID: 1101543-08
Matrix: LIQUID

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PH			Method: **E9040B**				Analyst: **RDN**
pH	12	H	0		pH Units	1	1/31/2011

Note:

ALS Environmental

Date: *04-Feb-11*

Client: Weston Solutions, Inc
Project: Project# 20405.016.001.1345.00
Sample ID: MS-9
Collection Date: *1/27/2011*

Work Order: 1101543
Lab ID: 1101543-09
Matrix: *SLUDGE*

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260**					Analyst: **LAK**
1,1,1,2-Tetrachloroethane	U		6,300	31,000	µg/Kg	6250	2/1/2011 14:39
1,1,1-Trichloroethane	U		7,400	31,000	µg/Kg	6250	2/1/2011 14:39
1,1,2,2-Tetrachloroethane	**26,000**	J	**16,000**	**31,000**	**µg/Kg**	6250	2/1/2011 14:39
1,1,2-Trichloroethane	U		6,000	31,000	µg/Kg	6250	2/1/2011 14:39
1,1-Dichloroethane	U		9,800	31,000	µg/Kg	6250	2/1/2011 14:39
1,1-Dichloroethene	U		14,000	31,000	µg/Kg	6250	2/1/2011 14:39
1,1-Dichloropropene	U		9,900	31,000	µg/Kg	6250	2/1/2011 14:39
1,2,3-Trichlorobenzene	U		8,400	31,000	µg/Kg	6250	2/1/2011 14:39
1,2,3-Trichloropropane	U		5,100	31,000	µg/Kg	6250	2/1/2011 14:39
1,2,4-Trichlorobenzene	U		8,400	31,000	µg/Kg	6250	2/1/2011 14:39
1,2,4-Trimethylbenzene	**1,300,000**		**58,000**	**310,000**	**µg/Kg**	62500	2/1/2011 15:41
1,2-Dibromo-3-chloropropane	U		15,000	31,000	µg/Kg	6250	2/1/2011 14:39
1,2-Dibromoethane	U		6,900	31,000	µg/Kg	6250	2/1/2011 14:39
1,2-Dichlorobenzene	U		9,700	31,000	µg/Kg	6250	2/1/2011 14:39
1,2-Dichloroethane	U		12,000	31,000	µg/Kg	6250	2/1/2011 14:39
1,2-Dichloropropane	U		6,100	31,000	µg/Kg	6250	2/1/2011 14:39
1,3,5-Trimethylbenzene	**430,000**		**4,200**	**31,000**	**µg/Kg**	6250	2/1/2011 14:39
1,3-Dichlorobenzene	U		4,800	31,000	µg/Kg	6250	2/1/2011 14:39
1,3-Dichloropropane	U		6,100	31,000	µg/Kg	6250	2/1/2011 14:39
1,4-Dichlorobenzene	U		6,100	31,000	µg/Kg	6250	2/1/2011 14:39
2,2-Dichloropropane	U		7,900	31,000	µg/Kg	6250	2/1/2011 14:39
2-Butanone	U		24,000	31,000	µg/Kg	6250	2/1/2011 14:39
2-Chlorotoluene	U		5,000	31,000	µg/Kg	6250	2/1/2011 14:39
2-Hexanone	U		8,900	31,000	µg/Kg	6250	2/1/2011 14:39
4-Chlorotoluene	U		5,200	31,000	µg/Kg	6250	2/1/2011 14:39
4-Methyl-2-pentanone	U		11,000	31,000	µg/Kg	6250	2/1/2011 14:39
Acetone	U		18,000	31,000	µg/Kg	6250	2/1/2011 14:39
Benzene	U		3,800	31,000	µg/Kg	6250	2/1/2011 14:39
Bromobenzene	U		6,900	31,000	µg/Kg	6250	2/1/2011 14:39
Bromochloromethane	U		8,600	31,000	µg/Kg	6250	2/1/2011 14:39
Bromodichloromethane	U		5,100	31,000	µg/Kg	6250	2/1/2011 14:39
Bromoform	U		14,000	31,000	µg/Kg	6250	2/1/2011 14:39
Bromomethane	U		7,800	31,000	µg/Kg	6250	2/1/2011 14:39
Carbon disulfide	U		12,000	31,000	µg/Kg	6250	2/1/2011 14:39
Carbon tetrachloride	U		7,600	31,000	µg/Kg	6250	2/1/2011 14:39
Chlorobenzene	U		3,500	31,000	µg/Kg	6250	2/1/2011 14:39
Chloroethane	U		17,000	31,000	µg/Kg	6250	2/1/2011 14:39
Chloroform	U		14,000	31,000	µg/Kg	6250	2/1/2011 14:39

Note:

ALS Environmental

Date: *04-Feb-11*

Client: Weston Solutions, Inc
Project: Project# 20405.016.001.1345.00
Sample ID: MS-9
Collection Date: 1/27/2011

Work Order: 1101543
Lab ID: 1101543-09
Matrix: SLUDGE

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Chloromethane	U		15,000	31,000	µg/Kg	6250	2/1/2011 14:39
cis-1,2-Dichloroethene	**11,000**	J	**7,600**	**31,000**	**µg/Kg**	6250	2/1/2011 14:39
cis-1,3-Dichloropropene	U		6,400	31,000	µg/Kg	6250	2/1/2011 14:39
Dibromochloromethane	U		7,000	31,000	µg/Kg	6250	2/1/2011 14:39
Dibromomethane	U		3,900	31,000	µg/Kg	6250	2/1/2011 14:39
Dichlorodifluoromethane	U		6,700	31,000	µg/Kg	6250	2/1/2011 14:39
Ethylbenzene	**86,000**		**3,700**	**31,000**	**µg/Kg**	6250	2/1/2011 14:39
Hexachlorobutadiene	U		13,000	31,000	µg/Kg	6250	2/1/2011 14:39
Isopropylbenzene	**38,000**		**4,400**	**31,000**	**µg/Kg**	6250	2/1/2011 14:39
m,p-Xylene	**350,000**		**7,200**	**31,000**	**µg/Kg**	6250	2/1/2011 14:39
Methyl tert-butyl ether	U		24,000	31,000	µg/Kg	6250	2/1/2011 14:39
Methylene chloride	U		12,000	31,000	µg/Kg	6250	2/1/2011 14:39
Naphthalene	**56,000**		**6,200**	**31,000**	**µg/Kg**	6250	2/1/2011 14:39
n-Butylbenzene	**51,000**		**5,200**	**31,000**	**µg/Kg**	6250	2/1/2011 14:39
n-Propylbenzene	**200,000**		**2,900**	**31,000**	**µg/Kg**	6250	2/1/2011 14:39
o-Xylene	**150,000**		**4,800**	**31,000**	**µg/Kg**	6250	2/1/2011 14:39
p-Isopropyltoluene	**46,000**		**3,400**	**31,000**	**µg/Kg**	6250	2/1/2011 14:39
sec-Butylbenzene	U		5,800	31,000	µg/Kg	6250	2/1/2011 14:39
Styrene	U		5,900	31,000	µg/Kg	6250	2/1/2011 14:39
tert-Butylbenzene	U		6,900	31,000	µg/Kg	6250	2/1/2011 14:39
Tetrachloroethene	U		5,800	31,000	µg/Kg	6250	2/1/2011 14:39
Toluene	**310,000**		**7,800**	**31,000**	**µg/Kg**	6250	2/1/2011 14:39
trans-1,2-Dichloroethene	U		7,100	31,000	µg/Kg	6250	2/1/2011 14:39
trans-1,3-Dichloropropene	U		4,500	31,000	µg/Kg	6250	2/1/2011 14:39
Trichloroethene	U		4,900	31,000	µg/Kg	6250	2/1/2011 14:39
Trichlorofluoromethane	U		15,000	31,000	µg/Kg	6250	2/1/2011 14:39
Vinyl chloride	U		11,000	31,000	µg/Kg	6250	2/1/2011 14:39
Xylenes, Total	**500,000**		**7,200**	**31,000**	**µg/Kg**	6250	2/1/2011 14:39
Surr: 4-Bromofluorobenzene	*103*			*75-129*	*%REC*	6250	2/1/2011 14:39
Surr: Dibromofluoromethane	*114*			*80-125*	*%REC*	6250	2/1/2011 14:39
Surr: Toluene-d8	*95.7*			*90-129*	*%REC*	6250	2/1/2011 14:39
TCLP VOLATILE ORGANIC COMPOUNDS			Method: **SW8260**				Analyst: **LAK**
1,1-Dichloroethene	U		0.25	0.25	mg/L	50	2/1/2011 18:52
1,2-Dichloroethane	U		0.25	0.25	mg/L	50	2/1/2011 18:52
1,4-Dichlorobenzene	U		0.25	0.25	mg/L	50	2/1/2011 18:52
2-Butanone	**0.35**		**0.25**	**0.25**	**mg/L**	50	2/1/2011 18:52
Benzene	U		0.25	0.25	mg/L	50	2/1/2011 18:52
Carbon tetrachloride	U		0.25	0.25	mg/L	50	2/1/2011 18:52
Chlorobenzene	U		0.25	0.25	mg/L	50	2/1/2011 18:52

Note:

ALS Environmental

Date: *04-Feb-11*

Client: Weston Solutions, Inc
Project: Project# 20405.016.001.1345.00
Sample ID: MS-9
Collection Date: 1/27/2011

Work Order: 1101543
Lab ID: 1101543-09
Matrix: SLUDGE

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Chloroform	U		0.25	0.25	mg/L	50	2/1/2011 18:52
Tetrachloroethene	U		0.25	0.25	mg/L	50	2/1/2011 18:52
Trichloroethene	U		0.25	0.25	mg/L	50	2/1/2011 18:52
Vinyl chloride	U		0.10	0.10	mg/L	50	2/1/2011 18:52
Surr: Bromofluorobenzene	*103*			*70-130*	*%REC*	50	2/1/2011 18:52
Surr: Dibromofluoromethane	*107*			*70-130*	*%REC*	50	2/1/2011 18:52
Surr: Toluene-d8	*98.0*			*70-130*	*%REC*	50	2/1/2011 18:52
IGNITABILITY		Method: **SW1030**					Analyst: **RDN**
Ignitability	**NI**		**0**		**mm/sec**	1	2/1/2011

Note:

ALS Environmental

Date: *04-Feb-11*

Client: Weston Solutions, Inc
Project: Project# 20405.016.001.1345.00
Sample ID: MS-10
Collection Date: 1/27/2011

Work Order: 1101543
Lab ID: 1101543-10
Matrix: LIQUID

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PH			Method: **E9040B**				Analyst: **RDN**
pH	**13**	H	**0**		**pH Units**	1	1/31/2011

Note:

ALS Environmental

Date: *04-Feb-11*

Client: Weston Solutions, Inc
Project: Project# 20405.016.001.1345.00
Sample ID: MS-11
Collection Date: 1/27/2011

Work Order: 1101543
Lab ID: 1101543-11
Matrix: SOLID

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PH			Method: **E9045C**				Analyst: **RDN**
pH	1.6		0		pH Units	1	1/31/2011

Note:

ALS Environmental

Date: *04-Feb-11*

Client:	Weston Solutions, Inc		
Project:	Project# 20405.016.001.1345.00	**Work Order:**	1101543
Sample ID:	MS-12	**Lab ID:**	1101543-12
Collection Date:	1/27/2011	**Matrix:**	LIQUID

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
FLASHPOINT			Method: **E1010**				Analyst: **RDN**
Flashpoint	**<70**		**0**		**°F**	1	2/1/2011

Note:

ALS Environmental

Date: *04-Feb-11*

Client: Weston Solutions, Inc
Project: Project# 20405.016.001.1345.00
Sample ID: MS-13
Collection Date: 1/27/2011

Work Order: 1101543
Lab ID: 1101543-13
Matrix: BULK

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP VOLATILE ORGANIC COMPOUNDS		Method: **SW8260**					Analyst: **LAK**
1,1-Dichloroethene	U		0.25	0.25	mg/L	50	2/1/2011 19:22
1,2-Dichloroethane	U		0.25	0.25	mg/L	50	2/1/2011 19:22
1,4-Dichlorobenzene	U		0.25	0.25	mg/L	50	2/1/2011 19:22
2-Butanone	U		0.25	0.25	mg/L	50	2/1/2011 19:22
Benzene	U		0.25	0.25	mg/L	50	2/1/2011 19:22
Carbon tetrachloride	U		0.25	0.25	mg/L	50	2/1/2011 19:22
Chlorobenzene	U		0.25	0.25	mg/L	50	2/1/2011 19:22
Chloroform	U		0.25	0.25	mg/L	50	2/1/2011 19:22
Tetrachloroethene	U		0.25	0.25	mg/L	50	2/1/2011 19:22
Trichloroethene	U		0.25	0.25	mg/L	50	2/1/2011 19:22
Vinyl chloride	U		0.10	0.10	mg/L	50	2/1/2011 19:22
Surr: Bromofluorobenzene	*108*			*70-130*	*%REC*	50	2/1/2011 19:22
Surr: Dibromofluoromethane	*104*			*70-130*	*%REC*	50	2/1/2011 19:22
Surr: Toluene-d8	*96.9*			*70-130*	*%REC*	50	2/1/2011 19:22

Note:

ALS Environmental

Date: 04-Feb-11

Client: Weston Solutions, Inc
Project: Project# 20405.016.001.1345.00
WorkOrder: **1101543**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit

Units Reported	Description
°F	
µg/Kg	
µg/L	
mg/L	
mm/sec	
pH Units	