SITE ASSESSMENT REPORT
FOR THE
CLYDE PAINT AND SUPPLY COMPANY SITE
CLYDE, SANDUSKY COUNTY, OHIO

NPL STATUS: NON-NPL

Prepared for:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Emergency Response Branch
Region V
25089 Center Ridge Road
Westlake, OH 44145

Prepared by:

WESTON SOLUTIONS, INC.
6779 Engle Road
Suite I
Middleburg Heights, OH 44130

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Technical Direction Document No.:	S05-0001-1111-033
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START Project Manager:	TJ McFarland
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U.S. EPA On-Scene Coordinator:	Stephen Wolfe

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September 28, 2012

Prepared by: Dustin Bates Date: 9/28/2012
Dustin Bates
START Project Scientist

Reviewed by: TJ McFarland Date: 9/28/2012
TJ McFarland
START Project Manager

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ABBREVIATIONS AND ACRONYMS

bgs	Below ground surface
CFR	*Code of Federal Regulations*
EM	Electromagnetic
HDPE	High-density polyethylene
MCL	Maximum Contaminant Level
mg/kg	Milligram per kilogram
mg/L	Milligram per liter
Ohio EPA	Ohio Environmental Protection Agency
OSC	On-scene Coordinator
PCB	Polychlorinated biphenyl
PID	Photoionization detector
poly	Polyethylene
ppm	Part per million
RSL	Regional Screening Level
START	Superfund Technical Assessment and Response Team
SVOC	Semivolatile organic compound
TAL	Target Analyte List
TCLP	Toxicity Characteristic Leaching Procedure
U.S. EPA	United States Environmental Protection Agency
UST	Underground storage tank
VOC	Volatile organic compound
WESTON	Weston Solutions, Inc.

1. INTRODUCTION

The United States Environmental Protection Agency (U.S. EPA) Region 5 Emergency Response Branch tasked the Weston Solutions, Inc. (WESTON®), Superfund Technical Assessment and Response Team (START) to assist with a site assessment at the Clyde Paint and Supply Company Site in Clyde, Sandusky County, Ohio (the Site) (**Figure 1**). Specifically, under Technical Direction Document No. S05-0001-1111-033, WESTON START was tasked to perform the following activities:

- Document Site conditions
- Inventory and sample containerized waste in the Site building
- Characterize the Site using an electromagnetic (EM) geophysical survey
- Collect surface soil samples
- Complete Geoprobe borings
- Collect subsurface soil samples
- Collect a groundwater sample

On June 13, 15, and 18, 2012, START personnel mobilized to the Site and conducted site assessment tasks under the direction of On-Scene Coordinators (OSC) Joseph Fredle and James Justice.

This site assessment report is organized into the following sections:

- **Section 1, Introduction –** Briefly describes the objectives of the site assessment and the site assessment report organization
- **Section 2, Site Background –** Details the Site description and history
- **Section 3, Site Assessment Activities –** Discusses methods used and activities conducted during the site assessment
- **Section 4, Site Assessment Results –** Discusses physical findings and analytical results for samples collected during the site assessment
- **Section 5, Summary –** Summarizes the site assessment findings

2. SITE BACKGROUND

This section discusses the Site description and history.

2.1 SITE DESCRIPTION

The Site is located at 435 North Mulberry Street in Clyde, Ohio. The Site's approximate geographical coordinates are 41.2725° North latitude and -83.0586° West longitude (**Figure 1**). According to the Sandusky County Auditor's Tax Map, the Site's footprint encompasses approximately 1.1 acres. The Site is surrounded by private residences in an urban area less than 0.5 mile west of downtown Clyde (**Figure 2**). Raccoon Creek flows north along the entire west edge of the Site.

2.2 SITE HISTORY

Originally, 14 Sites were selected for investigation in an area of Sandusky County surrounding the city of Clyde, Ohio. These Sites were identified in a previous study entitled "Childhood Cancer among Residents of Eastern Sandusky County (October 30, 2009) conducted by the Ohio EPA and the Ohio Department of Health as candidate Sites for further investigation.

Coinciding with the initial investigation of the 14 Sites identified by the Ohio EPA and the Ohio Department of Health, U.S. EPA established a telephone hotline to allow individuals in the local community the opportunity to inform U.S. EPA of additional potential dump sites in the area. U.S. EPA received approximately 90 calls to the hotline regarding potential dump sites. Sufficient information was acquired to perform a removal site assessment on this property.

3. SITE ASSESSMENT ACTIVITIES

The site assessment tasks were designed to document the potential for imminent and substantial threats to the public health or welfare of the United States or the environment based on guidance in the National Oil and Hazardous Substances Pollution Contingency Plan, Title 40 of the *Code of Federal Regulations* (CFR), Part 300.415(b)(2). In particular, the site assessment activities focused on characterizing wastes stored in abandoned containers and identifying potential

sources of soil and water contamination. **Appendix A** provides photographic documentation of the site assessment activities and Site conditions.

On June 13, 15, and 18, 2012, the U.S. EPA OSCs and the WESTON START team mobilized to the Site to conduct field work, which included a container inventory and sampling, a geophysical survey, surface soil sampling, subsurface soil characterization and sampling, and groundwater well installation and sampling.

3.1 CONTAINER INVENTORY AND SAMPLING

On June 13, 2012, the U.S. EPA OSC and WESTON START members conducted the container inventory and sampling in the building at the Site. The container inventory was documented on handwritten log sheets and included container types, markings, labels, conditions, and contents. During the site assessment, the Site building contained 15 containers ranging from 5 to 55 gallons in size as follows:

- Six sealed and unopened 5-gallon pails labeled “Rust-Sele Rust Preventer”
- Three 5-gallon pails labeled “Glidden Glid-Guard, Tank and Structural Primer”
- Four 5-gallon pails containing used oil waste
- One unlabeled, sealed, 55-gallon, polyethylene (poly) drum approximately half full of unknown liquid
- One 20-gallon poly drum labeled “Phosphoric acid, 85%”

Six liquid samples were collected from the on-site containers using dedicated, disposable drum thieves or coliwasa tubes.

The table below lists the container identification number, description, label information, field screening pH and photoionization detector (PID) volatile organic compound (VOC) results (if collected), sample matrix, and sample identification number for each container sample collected during the Site assessment.

SAMPLED CONTAINER INFORMATION

Container ID No.	Description	Label	pH (SU)	PID Headspace VOC Reading (ppm)	Matrix	Sample ID No.
D001	5-gallon pail	Rust-Sele	NC	~ 1,100	Liquid	CP-D001-061312
D002	5-gallon pail	Glidden Glid-Guard	NC	~ 2,500	Liquid	CP-D002-061312
D003	5-gallon pail	Wolf's Head Oil Co.	NC	1.1	Liquid	CP-D003-061312
D004	5-gallon pail	Starfleet Transmission Fluid	11	85.9	Liquid	CP-D004-061312
D005	Poly 55-gallon drum	None	2	NC	Liquid	CP-D005-061312
D006	Poly 20-gallon	Phosphoric Acid 85%	1	NC	Liquid	CP-D006-061312

Notes:
ID = Identification
NC = Not collected
PID = Photoionization detector
ppm = Part per million
SU = Standard unit
VOC = Volatile organic compound

Each sample was transferred from the dedicated sampler into labeled, laboratory-provided sample containers. Container samples were stored in a cooler on ice for delivery to the designated laboratory. The samples were analyzed for ignitability, corrosivity (pH), total VOCs, Toxicity Characteristic Leaching Procedure (TCLP) VOCs, TCLP metals, and polychlorinated biphenyls (PCB).

3.2 GEOPHYSICAL SURVEY

On June 13, 2012, THG Geophysics, Ltd., conducted EM and ground-penetrating radar geophysical survey activities at the Site. Survey activities included use of the quadrature and in-phase components of the EM field to generate images of both terrain conductivity and metals. The preliminary geophysical survey data were used to adjust the locations of soil borings proposed at the Site. **Appendix B** provides the geophysical survey report.

3.3 SURFACE SOIL SAMPLING

On June 13, 2012, the U.S. EPA OSC and WESTON START members collected 11 surface soil samples (CP-SS01-061312 through CP-SS11-061312). **Figure 3** shows the sampling locations, which were chosen to provide full coverage of the Site. Vegetative cover was removed and discarded along with the top 1 to 2 inches of soil at each location. All surface soil samples consisted of hard, compacted gravel and sand extending to at least 4 inches below ground surface (bgs).

The surface soil samples were collected using disposable, high-density polyethylene (HDPE) scoops. The sampled material was placed into a re-sealable bag, homogenized, and transferred to laboratory-provided sample containers. Surface soil samples were stored in a cooler on ice for delivery to the designated laboratory. The samples were analyzed for total VOCs; total semivolatile organic compounds (SVOC); Target Analyte List (TAL) metals plus boron and hexavalent chromium; total pesticides and herbicides; PCBs; TCLP VOCs, SVOCs, pesticides, and herbicides; and TCLP metals.

3.4 SUBSURFACE SOIL CHARACTERIZATION AND SAMPLING

On June 15, 2012, the U.S. EPA OSC, WESTON START members, and Buckeye Probe completed soil borings and collected four subsurface soil samples (CD-B01-S01-061512 through CD-B04-S01-061512). **Figure 3** shows the sampling locations. The Buckeye Probe operator used a track-mounted, hydraulic, direct push-probe rig to recover continuous soil cores from each boring location to a depth of 12 feet bgs. As part of the geophysical survey, WESTON START characterized the soil cores on separate boring logs (**Appendix C**) and field screened each core at 2-foot intervals for VOCs using a PID.

Subsurface soil sampling locations and depth intervals were selected based on preliminary findings from the geophysical survey, historical data, field conditions, and field screening results. One subsurface soil sample was collected from each boring location. Subsurface soil samples were collected from the acetate liners using HDPE scoops. The sampled material was placed into a re-sealable bag, homogenized, and transferred to laboratory-provided sample containers. Subsurface soil samples were stored in a cooler on ice for delivery to the designated laboratory.

The samples were analyzed for total VOCs; total SVOCs; TAL metals plus boron and hexavalent chromium; total pesticides and herbicides; PCBs; TCLP VOCs, SVOCs, pesticides, and herbicides; and TCLP metals.

3.5 GROUNDWATER WELL INSTALLATION AND SAMPLING

On June 18, 2012, the U.S. EPA OSC and WESTON START members collected one groundwater sample (CP-B01-W01-061812) from a temporary monitoring well installed at boring location CP-B01 (**Figure 3**). The depth to water at the temporary monitoring well was measured at 6.12 feet below the top of the casing. The well was purged at approximately 250 milliliters per minute for 30 minutes. The depth to water after purging was measured at 7.58 feet below the top of the casing. A groundwater sample was collected and submitted for laboratory analysis.

The groundwater sample was collected using the low-flow groundwater sampling technique with a peristaltic pump and Teflon-lined HDPE tubing placed in the well in the middle of the screened interval. This approach ensured that the sample was representative of groundwater conditions in the geological formation as indicated by stable field parameters for dissolved oxygen, oxidation/reduction potential, conductivity, temperature, and turbidity measured using a YSI Inc. Model 556 water-quality monitoring instrument equipped with a flow-through cell and a HANNA Instruments turbidimeter. The sample was collected directly from the tubing into laboratory-provided sample containers. The groundwater sample was stored in a cooler on ice for delivery to the designated laboratory. The sample was analyzed for total VOCs; total SVOCs; TAL metals plus boron and hexavalent chromium; total pesticides and herbicides; PCBs; TCLP VOCs, SVOCs, pesticides, and herbicides; TCLP metals; ignitability, and corrosivity.

4. SITE ASSESSMENT RESULTS

Sections 4.1 and 4.2 discuss the site assessment physical findings and laboratory analytical results, respectively.

4.1 PHYSICAL FINDINGS

The geophysical survey results and subsurface soil physical characteristics are discussed below.

4.1.1 Geophysical Survey Results

Figure 3 shows the results of the geophysical survey, which indicated slightly elevated conductivity in several areas due to the presence of surface debris, particularly in the southern portion of the Site. Three separate, ferrous-based anomalies were identified at the Site, one along the west side of the Site building (Anomaly 3 on **Figure 3**) and the other two in the fenced southern portion of the Site (Anomalies 1 and 2 on **Figure 3**). **Appendix B** provides the geophysical survey report.

4.1.2 Subsurface Soil Physical Characteristics

Appendix C provides the boring logs. Boring CP-B01 along the western side of the Site building consisted of a 1.5-foot dry, gravelly sand layer underlain by a 2.5-foot moist, black-streaked sand layer with a solvent odor. Approximately 7.75 feet of saturated sand lay beneath. The boring terminated in a stiff, gray clay at 12 feet bgs. The PID VOC reading exceeded 2,906 parts per million (ppm) at the 1- to 2-foot-bgs interval. A soil sample was collected from this interval (CD-B01-S01-061512) for laboratory analysis.

Boring CP-B02 in the fenced southern portion of the Site consisted of a 0.5-foot dry, gravelly sand layer underlain by a 4.5-foot mottled, yellow-brown clay layer. Below this, varying thicknesses of gray silt and clay layers were encountered to 12 feet bgs, where the boring was terminated. PID VOC readings ranged from 0 to 2.5 ppm. A soil sample was collected from the 6- to 8-foot-bgs interval (CD-B02-S01-061512) for laboratory analysis.

Boring CP-B03 in the fenced southern portion of the Site consisted of a 1-foot brown, dry, gravelly sand layer. A mottled, yellow-brown and gray clay layer extended below to 6 feet bgs. A gray sand and silt layer followed by a hard, moist, gray clay layer extended to 12 feet bgs, where the boring was terminated. PID VOC readings ranged from 0 to 1.7 ppm. A soil sample was collected from the 6- to 8-foot-bgs interval (CD-B03-S01-061512) for laboratory analysis.

Boring CP-B04 along the west side of the Site building consisted of a 1-foot layer of brown gravel, sand, and silt, underlain by a 2-foot gray sand layer. Below the sand layer was a hard, moist, gray clay layer extending to the termination of the boring at 12 feet bgs. The PID VOC reading was 129 ppm at the 0- to 2-foot-bgs interval. Below 2 feet bgs, PID VOC readings ranged from 0 to 5.1 ppm. A soil sample was collected from the 1- to 3-foot-bgs interval (CD-B03-S01-061512) for laboratory analysis.

4.2 LABORATORY ANALYTICAL RESULTS

During the site assessment, container, surface soil, subsurface soil, and groundwater samples were collected for laboratory analysis. The container sample results were compared to the (1) definition of hazardous waste based on the characteristic of ignitability (40 CFR 261.21) and the characteristic of corrosivity (40 CFR 261.22), (2) U.S. EPA Maximum Concentration of Contaminants for the Toxicity Characteristic (40 CFR 261.24), and (3) U.S. EPA requirements for PCB spill cleanup (40 CFR 761.125). The soil sample results were compared to the (1) U.S. EPA Regional Screening Levels (RSL) for residential properties; (2) U.S. Geological Survey average concentration of arsenic in Sandusky County, Ohio; and (3) U.S. EPA Maximum Concentration of Contaminants for the Toxicity Characteristic (40 CFR 261.24). The groundwater sample results were compared to the (1) National Primary Drinking Water Regulations Maximum Contaminant Levels (MCL), (2) U.S. EPA Maximum Concentration of Contaminants for the Toxicity Characteristic (40 CFR 261.24), and (3) definition of hazardous waste based on the characteristic of ignitability (40 CFR 261.21) and the characteristic of corrosivity (40 CFR 261.22).

The following sections discuss the sample analytical results. **Appendix D** provides the analytical data validation reports for all the samples.

4.2.1 Container Sample Analytical Results

The ALS Environmental laboratory of Holland, Michigan, analyzed the container samples for ignitability, corrosivity (pH), total VOCs, TCLP VOCs, TCLP metals, and PCBs. Each sample result that exceeded the applicable screening criterion is listed below, followed by the screening criterion listed in parentheses. **Table 1** summarizes the full analytical results for each sample

and provides the complete list of analytes.

CP-D001-061312

Ignitability: 110 °F (less than 140 °F)

CP-D002-061312

Ignitability: 75 °F (less than 140 °F)

CP-D003-061312

No results exceeded any screening criteria.

CP-D004-061312

No results exceeded any screening criteria.

CP-D005-061312

No results exceeded any screening criteria.

CP-D006-061312

No results exceeded any screening criteria.

4.2.2 Surface Soil Sample Analytical Results

The ALS Environmental laboratory of Holland, Michigan, analyzed the surface soil samples for total VOCs; total SVOCs; TAL metals plus boron and hexavalent chromium; total pesticides and herbicides; PCBs; TCLP VOCs, SVOCs, pesticides, and herbicides; and TCLP metals. Each sample result that exceeded the applicable screening criterion is listed below, followed by the screening criterion listed in parentheses. **Figure 4** lists the analytical results exceeding the screening criteria. **Table 2** summarizes the full analytical results for each sample and provides the complete list of analytes.

CP-SS01-061312

Total SVOCs: Benzo(a)pyrene = 0.034 milligrams per kilogram (mg/kg) (0.015 mg/kg)
TAL Metals: Lead = 480 mg/kg (400 mg/kg)
PCBs: Aroclor 1254 = 0.99 (mg/kg) (0.22 mg/kg)

CP-SS02-061312

Total SVOCs:	Benzo(a)pyrene = 0.1 mg/kg (0.015 mg/kg)
	Benzo(b)fluoranthene = 0.16 mg/kg (0.15 mg/kg)
TAL Metals:	Hexavalent chromium = 0.73 mg/kg (0.29 mg/kg)
	Zinc = 69,000 mg/kg (23,000 mg/kg)
PCBs:	Aroclor 1254 = 0.55 (mg/kg) (0.22 mg/kg)

CP-SS03-061312

TAL Metals:	Hexavalent chromium = 1.4 mg/kg (0.29 mg/kg)
PCBs:	Aroclor 1254 = 0.56 (mg/kg) (0.22 mg/kg)

CP-SS04-061312

TAL Metals:	Hexavalent chromium = 3.7 mg/kg (0.29 mg/kg)
PCBs:	Aroclor 1254 = 0.23 (mg/kg) (0.22 mg/kg)

CP-SS05-061312

TAL Metals:	Hexavalent chromium = 0.62 mg/kg (0.29 mg/kg)

CP-SS06-061312

TAL Metals:	Hexavalent chromium = 1.3 mg/kg (0.29 mg/kg)
	Lead = 440 mg/kg (400 mg/kg)

CP-SS07-061312

TAL Metals:	Hexavalent chromium = 0.73 mg/kg (0.29 mg/kg)
	Zinc = 33,000 mg/kg (23,000 mg/kg)

CP-SS08-061312

TAL Metals:	Zinc = 60,000 mg/kg (23,000 mg/kg)

CP-SS09-061312

No results exceeded any screening criteria.

CP-SS10-061312

Total SVOCs:	Benzo(a)anthracene = 0.18 mg/kg (0.15 mg/kg)
PCBs:	Aroclor 1254 = 0.64 mg/kg (0.22 mg/kg)

CP-SS11-061312

Total SVOCs:	Benzo(a)anthracene = 0.73 mg/kg (0.15 mg/kg)
	Benzo(a)pyrene = 1.0 mg/kg (0.015 mg/kg)
	Benzo(b)fluoranthene = 1.4 mg/kg (0.15 mg/kg)

4.2.3 Subsurface Soil Sample Analytical Results

The ALS Environmental laboratory of Holland, Michigan, analyzed the subsurface soil samples for total VOCs; total SVOCs; TAL metals plus boron and hexavalent chromium; total pesticides and herbicides; PCBs; TCLP VOCs, SVOCs, pesticides, and herbicides; and TCLP metals. Each sample result that exceeded the applicable screening criterion is listed below, followed by the screening criterion listed in parentheses. **Figure 4** lists the analytical results exceeding the screening criteria. **Table 3** summarizes the full analytical results for each sample and provides the complete list of analytes.

CD-B01-S01-061512

Total VOCs:	Ethylbenzene = 360 mg/kg (5.4 mg/kg)
	Total xylenes = 3,300 mg/kg (630 mg/kg)
Total SVOCs:	Benzo(a)anthracene = 0.47 mg/kg (0.15 mg/kg)
	Benzo(a)pyrene = 0.47 mg/kg (0.015 mg/kg)
	Benzo(b)fluoranthene = 0.66 mg/kg (0.15 mg/kg)
	Indeno(1,2,3-cd)pyrene = 0.36 mg/kg (0.15 mg/kg)
TAL Metals:	Hexavalent chromium = 45 mg/kg (0.29 mg/kg)
PCBs:	Aroclor 1254 = 2.0 mg/kg (0.22 mg/kg)

CD-B02-S01-061512

PCBs:	Aroclor 1254 = 0.40 mg/kg (0.22 mg/kg)

CD-B03-S01-061512

No results exceeded any screening criteria.

CD-B04-S01-061512

PCBs:	Aroclor 1254 = 0.34 mg/kg (0.22 mg/kg)

4.2.4 Groundwater Sample Analytical Results

The ALS Environmental laboratory of Holland, Michigan, analyzed the groundwater sample for total VOCs; total SVOCs; TAL metals plus boron and hexavalent chromium; total pesticides and herbicides; PCBs; TCLP VOCs, SVOCs, pesticides, and herbicides; TCLP metals; ignitability, and corrosivity. Each sample result that exceeded the applicable screening criterion is listed below, followed by the screening criterion listed in parentheses. **Figure 4** lists the analytical

results exceeding the screening criteria. **Table 4** summarizes the full analytical results for each sample and provides the complete list of analytes.

CP-B01-W01-061812

Total VOCs:	Benzene = 0.017 milligram per liter (mg/L) (0.005 mg/L)
	Ethylbenzene = 3.3 mg/L (0.7 mg/L)
	Trichloroethene = 0.0082 mg/L (0.005 mg/L)
	Vinyl Chloride = 0.012 mg/L (0.002 mg/L)
	Total Xylenes = 29 mg/L (10 mg/L)
TAL Metals:	Arsenic = 0.046 mg/L (0.39 mg/L)
	Lead = 0.034 mg/L (0.015 mg/L)

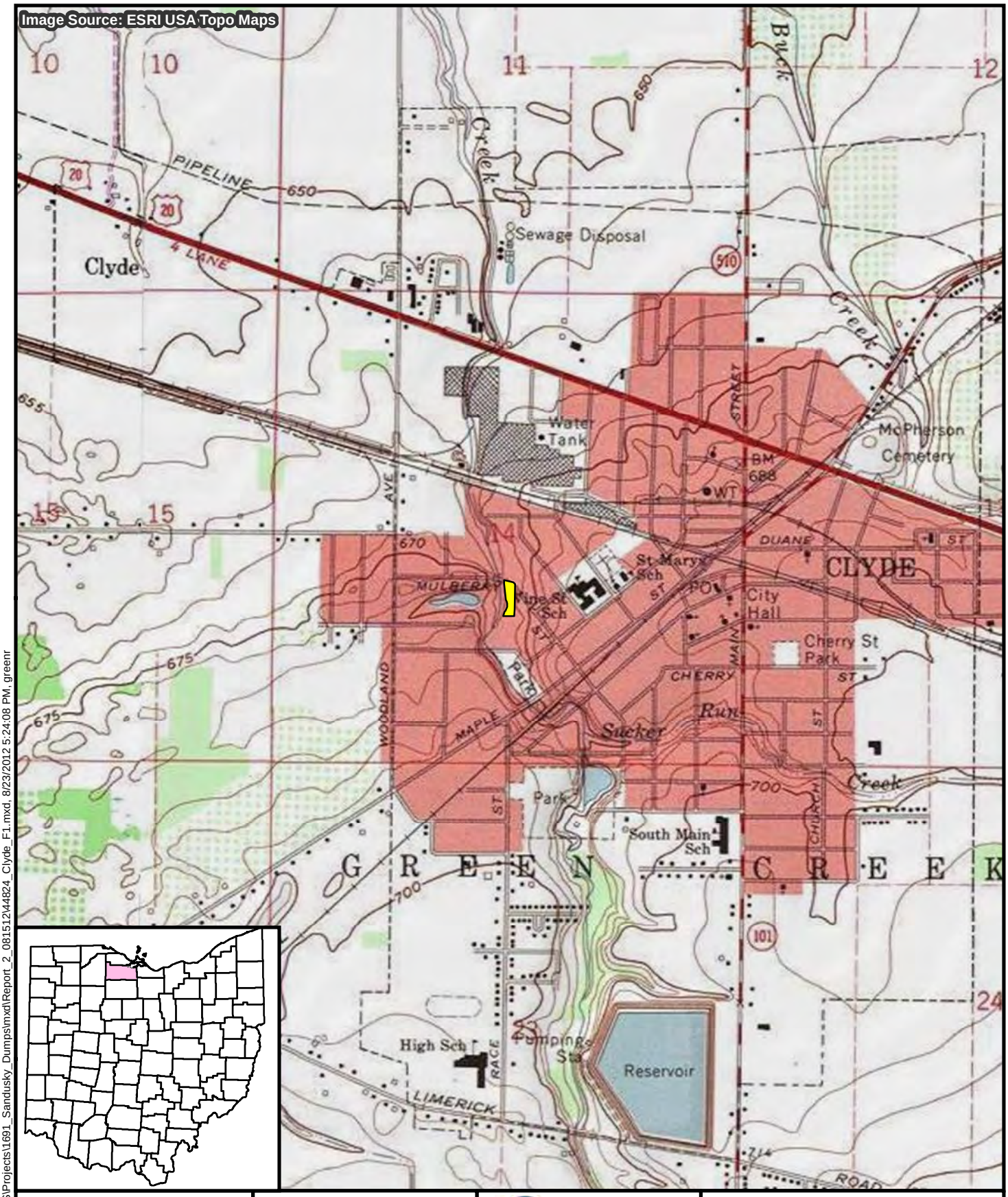
5. SUMMARY

The tip line complaint included information that paint-related waste was dumped, drums were buried, and underground storage tanks (USTs) were improperly abandoned at the Site. A geophysical survey was conducted on the property and three separate ferrous-based anomalies were identified, one was identified along the west side of the Site building and the other two were identified within the fenced southern portion of the Site. Soil borings were completed next to the three anomalies to determine the presence and extent of subsurface contamination in these areas.

Analytical results for a subsurface soil sample collected from soil boring B01 indicated that total metals, PCBs, VOCs, and SVOCs were present in the subsurface soil at levels exceeding the U.S. EPA RSLs for residential properties. Analytical results for a groundwater sample collected from a temporary monitoring well installed at soil boring B01 indicated that total metals and VOCs were present in the groundwater at levels exceeding the MCLs. It was later determined, based on historical information obtained by the U.S. EPA, that soil boring B01 was located in the area of a former UST. Analytical results for subsurface soil samples collected from soil borings B02 and B04 indicated that PCBs were present in the subsurface soil at levels exceeding the U.S. EPA RSLs for residential properties. Analytical results for surface soil samples indicated total metals, PCBs, and SVOCs were present in the surface soil along the west side of the Site building and within the fenced southern portion of the Site at levels exceeding the U.S. EPA RSLs for residential properties. Analytical results for container samples collected inside the Site

building indicated that materials within two of the containers exceeded the limits for defining characteristic hazardous waste, based on the characteristic of ignitability (40 CFR 261.21).

FIGURES



Legend

Site Location

N

0 1,500 Feet

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Figure 1
Site Location Map
Clyde Paint and Supply Company Site
Eastern Sandusky County Dumps
Clyde, Sandusky County, Ohio

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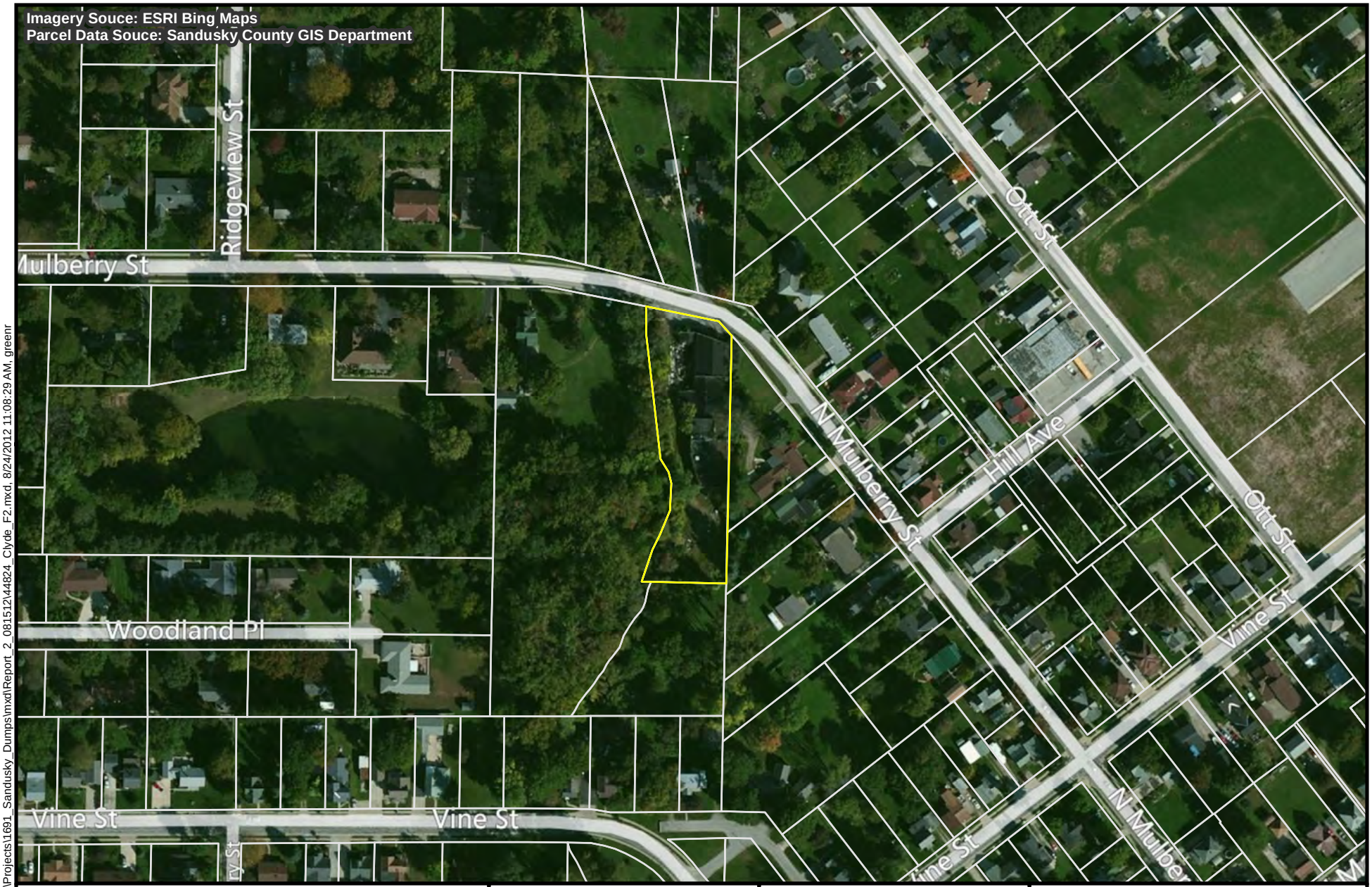

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Figure 2
Site Features Map
Clyde Paint and Supply Company Site
Eastern Sandusky County Dumps
Clyde, Sandusky County, Ohio

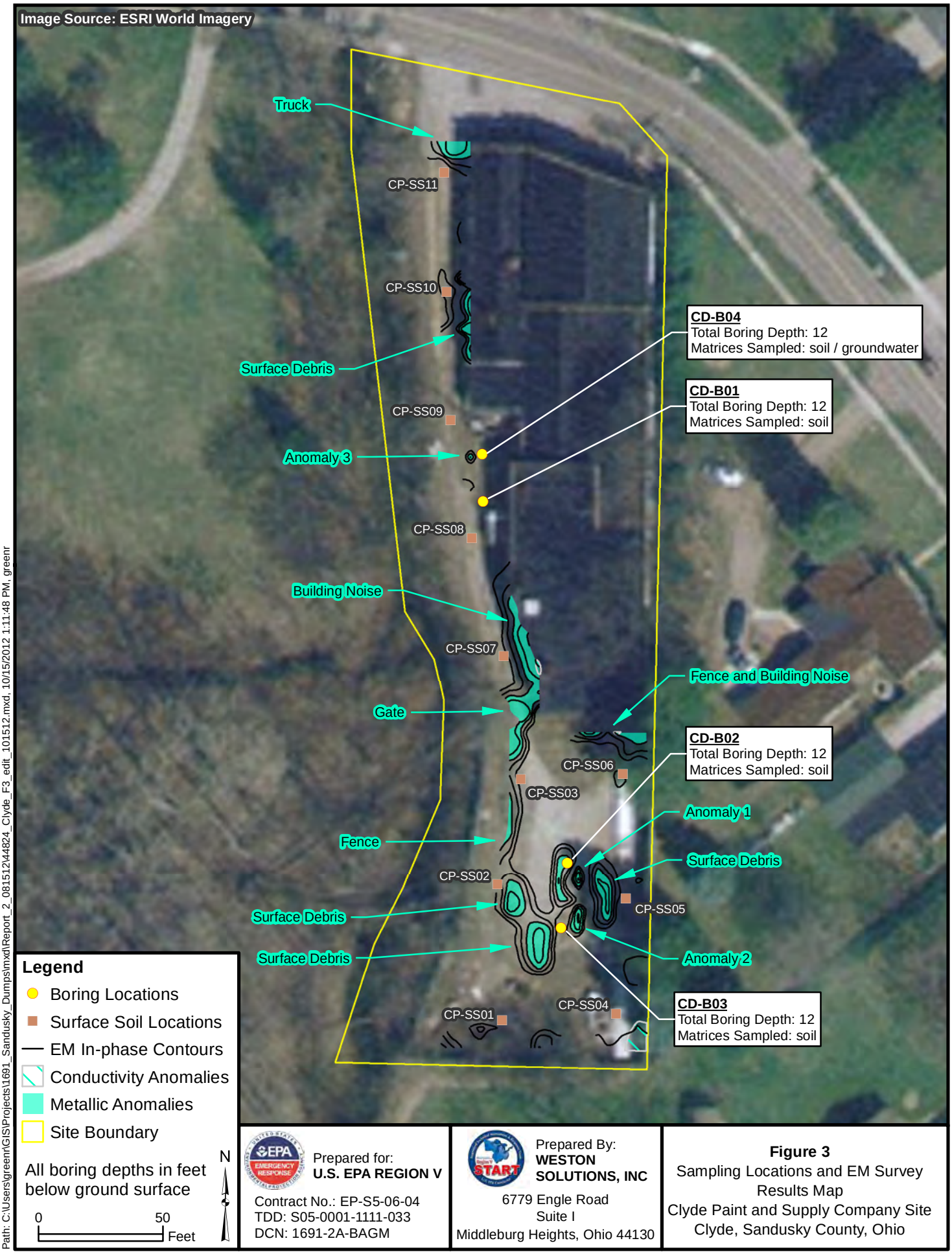

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Figure 3
Sampling Locations and EM Survey Results Map
Clyde Paint and Supply Company Site
Clyde, Sandusky County, Ohio

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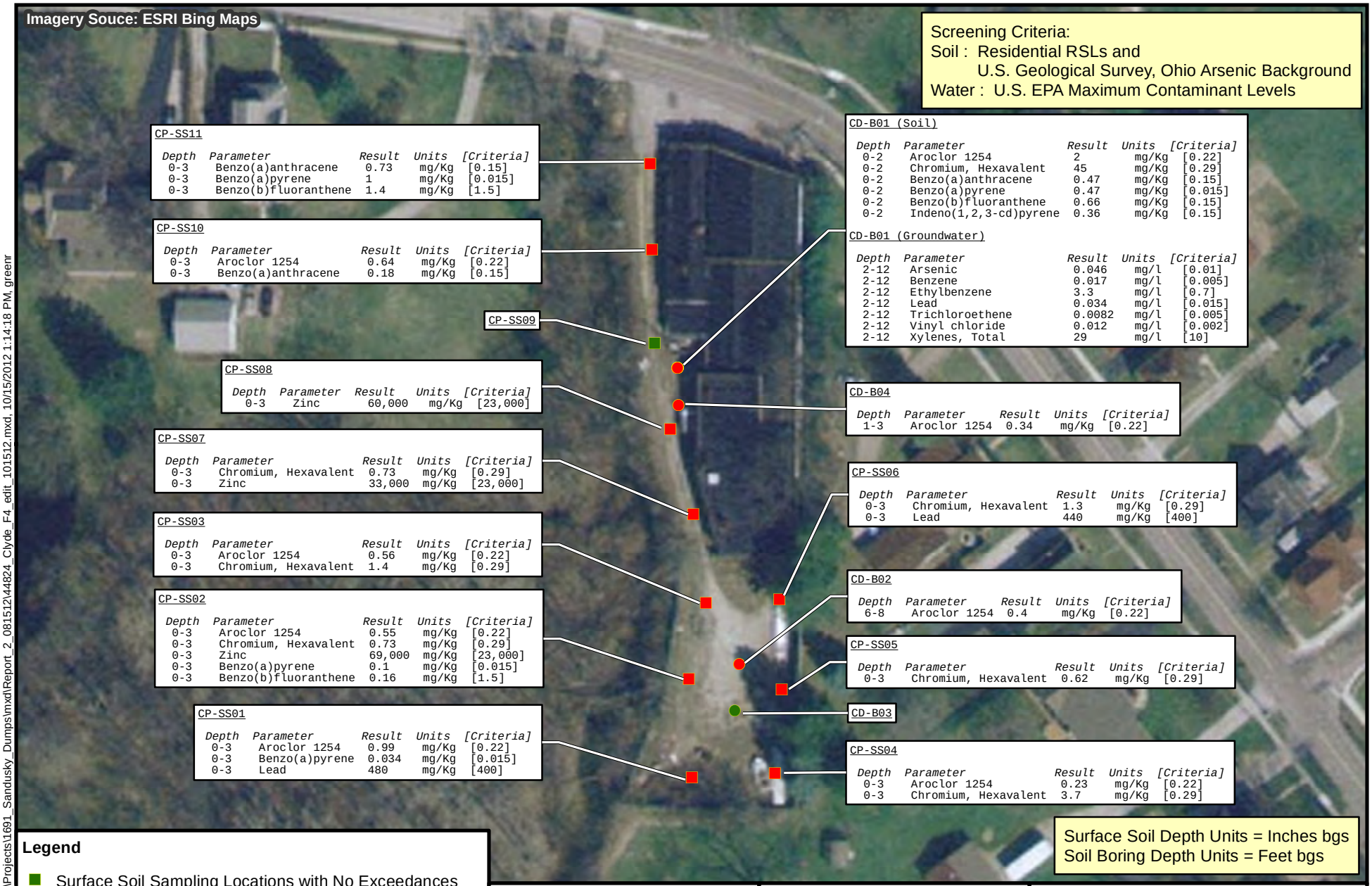

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Figure 4
Soil and Groundwater Analytical Results
Exceeding Screening Criteria
Clyde Paint and Supply Company Site
Clyde, Sandusky County, Ohio

TABLES

TABLE 1
CONTAINER SAMPLE ANALYTICAL RESULTS
CLYDE PAINT AND SUPPLY COMPANY SITE
CLYDE, SANDUSKY COUNTY, OHIO

Analytical Method	Analytical Parameter	Unit	Screening Criterion	Location ID	CP	CP	CP	CP	CP	CP
				Field Sample ID	CP-D001-061312	CP-D002-061312	CP-D003-061312	CP-D004-061312	CP-D005-061312	CP-D006-061312
				Sampling Date	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012
					Result					
Ignitability (Flashpoint) [1]										
D93	Ignitability	°F	<140		**110**	**75**	>200	>200	NT	NT
Corrosivity (pH) [2]										
SW9040	Corrosivity	SU	<2 or >12.5		NT	NT	NT	**10**	**3.6**	**2.56**
VOCs										
SW8260	1,1,2,2-Tetrachloroethane	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	1,1,2-Trichloroethane	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	1,1,2-Trichlorotrifluoroethane	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	1,1,1-Trichloroethane	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	1,1-Dichloroethane	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	1,1-Dichloroethene	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	1,2,4-Trichlorobenzene	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	1,2-Dibromo-3-chloropropane	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	1,2-Dibromoethane	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	1,2-Dichlorobenzene	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	1,2-Dichloroethane	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	1,2-Dichloropropane	mg/L	NA		1000 U	100 U	1000 U	1000 U	NT	NT
SW8260	1,3-Dichlorobenzene	mg/L	NA		1000 U	100 U	1000 U	1000 U	NT	NT
SW8260	1,4-Dichlorobenzene	mg/L	NA		1000 U	100 U	1000 U	1000 U	NT	NT
SW8260	2-Butanone	mg/L	NA		2500 U	**330**	2500 U	2500 U	NT	NT
SW8260	2-Hexanone	mg/L	NA		2500 U	250 U	2500 U	2500 U	NT	NT
SW8260	4-Methyl-2-pentanone	mg/L	NA		2500 U	250 U	2500 U	2500 U	NT	NT
SW8260	Acetone	mg/L	NA		**1800**	**1500**	10000 U	10000 U	NT	NT
SW8260	Benzene	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	Bromodichloromethane	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	Bromoform	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	Bromomethane	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	Carbon disulfide	mg/L	NA		1200 U	120 U	1200 U	1200 U	NT	NT
SW8260	Carbon tetrachloride	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	Chlorobenzene	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	Chloroethane	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	Chloroform	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	Chloromethane	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	cis-1,2-Dichloroethene	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	cis-1,3-Dichloropropene	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	Cyclohexane	mg/L	NA		2500 U	250 U	2500 U	2500 U	NT	NT
SW8260	Dibromochloromethane	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	Dichlorodifluoromethane	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	Ethylbenzene	mg/L	NA		500 U	**120**	**2100**	500 U	NT	NT
SW8260	Isopropylbenzene	mg/L	NA		**2300**	**3000**	500 U	500 U	NT	NT
SW8260	Methyl acetate	mg/L	NA		1000 U	100 U	1000 U	100 U	NT	NT
SW8260	Methyl tert-butyl ether	mg/L	NA		2500 U	250 U	2500 U	2500 U	NT	NT

TABLE 1
CONTAINER SAMPLE ANALYTICAL RESULTS
CLYDE PAINT AND SUPPLY COMPANY SITE
CLYDE, SANDUSKY COUNTY, OHIO

Analytical Method	Analytical Parameter	Unit	Screening Criterion	Location ID	CP	CP	CP	CP	CP	CP
				Field Sample ID	CP-D001-061312	CP-D002-061312	CP-D003-061312	CP-D004-061312	CP-D005-061312	CP-D006-061312
				Sampling Date	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012
					Result					
SW8260	Methylcyclohexane	mg/L	NA		2500 U	**68**	2500 U	2500 U	NT	NT
SW8260	Methylene chloride	mg/L	NA		2500 U	250 U	2500 U	2500 U	NT	NT
SW8260	Styrene	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	Tetrachloroethene	mg/L	NA		1000 U	100 U	100 U	1000 U	NT	NT
SW8260	Toluene	mg/L	NA		**340**	**360**	500 U	500 U	NT	NT
SW8260	trans-1,2-Dichloroethene	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	trans-1,3-Dichloropropene	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	Trichloroethene	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	Trichlorofluoromethane	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	Vinyl chloride	mg/L	NA		500 U	50 U	500 U	500 U	NT	NT
SW8260	Xylenes, Total	mg/L	NA		**4500**	**4200**	**7300**	1500 U	NT	NT
				TCLP VOCs [3]						
SW8260	1,1-Dichloroethene, TCLP	mg/L	0.7		0.50 U	0.50 U	0.50 U	0.50 U	NT	NT
SW8260	1,2-Dichloroethane, TCLP	mg/L	0.5		0.50 U	0.50 U	0.50 U	0.50 U	NT	NT
SW8260	2-Butanone, TCLP	mg/L	200		**99**	**54**	5.0 U	5.0 U	NT	NT
SW8260	Benzene, TCLP	mg/L	0.5		0.50 U	0.50 U	0.50 U	0.50 U	NT	NT
SW8260	Carbon tetrachloride, TCLP	mg/L	0.5		0.50 U	0.50 U	0.50 U	0.50 U	NT	NT
SW8260	Chlorobenzene, TCLP	mg/L	100		0.50 U	0.50 U	0.50 U	0.50 U	NT	NT
SW8260	Chloroform, TCLP	mg/L	6		0.50 U	0.50 U	0.50 U	0.50 U	NT	NT
SW8260	Tetrachloroethene, TCLP	mg/L	0.7		0.50 U	0.50 U	0.50 U	0.50 U	NT	NT
SW8260	Trichloroethene, TCLP	mg/L	0.5		0.50 U	0.50 U	0.50 U	0.50 U	NT	NT
SW8260	Vinyl chloride, TCLP	mg/L	0.2		0.50 U	0.50 U	0.50 U	0.50 U	NT	NT
				TCLP Metals [3]						
SW6020A	Arsenic, TCLP	mg/L	5		0.010 U	0.10 U	0.010 U	NT	NT	NT
SW6020A	Barium, TCLP	mg/L	100		0.050 U	**17**	**0.082**	NT	NT	NT
SW6020A	Cadmium, TCLP	mg/L	1		0.0020 U	0.0020 U	0.0020 U	NT	NT	NT
SW6020A	Chromium, TCLP	mg/L	5		0.020 U	0.020 U	0.020 U	NT	NT	NT
SW6020A	Lead, TCLP	mg/L	5		0.010 U	0.10 U	**0.12**	NT	NT	NT
SW7470A	Mercury, TCLP	mg/L	0.2		0.0020 U	0.0020 U	0.0020 U	NT	NT	NT
SW6020A	Selenium, TCLP	mg/L	1		0.020 U	0.020 U	0.020 U	NT	NT	NT
SW6020A	Silver, TCLP	mg/L	5		0.0050 U	0.0050 U	0.0050 U	NT	NT	NT
				PCBs [4]						
SW8082	Aroclor 1016	mg/L	50		NT	NT	1.0 U	NT	NT	NT
SW8082	Aroclor 1221	mg/L	50		NT	NT	1.0 U	NT	NT	NT
SW8082	Aroclor 1232	mg/L	50		NT	NT	1.0 U	NT	NT	NT
SW8082	Aroclor 1242	mg/L	50		NT	NT	1.0 U	NT	NT	NT
SW8082	Aroclor 1248	mg/L	50		NT	NT	1.0 U	NT	NT	NT
SW8082	Aroclor 1254	mg/L	50		NT	NT	1.0 U	NT	NT	NT
SW8082	Aroclor 1260	mg/L	50		NT	NT	1.0 U	NT	NT	NT

Notes:

Bold results exceed laboratory reporting limits.

Bold and highlighted results exceed the screening criteria.

CFR = *Code of Federal Regulations*
ID = Identification
mg/L = Milligram per liter
NA = Not available
NT = Not tested
PCB = Polychlorinated biphenyl
SU = Standard unit
SVOC = Semivolatile organic compound
TCLP = Toxicity Characteristic Leaching Procedure
U = Not detected at indicated method detection limit
VOC = Volatile organic compound

1 Screening criteria are from 40 CFR 261.21.
2 Screening criteria are from 40 CFR 261.22.
3 Screening criteria are from 40 CFR 261.24, Table 1 – Maximum Concentration of Contaminants for the Toxicity Characteristic.
4 Screening criteria are from 40 CFR 761.125.

TABLE 2
SURFACE SOIL SAMPLE ANALYTICAL RESULTS
CLYDE PAINT AND SUPPLY COMPANY SITE
CLYDE, SANDUSKY COUNTY, OHIO

Analytical Method	Analytical Parameter	Unit	Screening Criterion	Location ID	CP-SS01	CP-SS02	CP-SS03	CP-SS04	CP-SS05	CP-SS06	CP-SS07	CP-SS08	CP-SS09	CP-SS10	CP-SS11
				Field Sample ID	CP-SS01-061312	CP-SS02-061312	CP-SS03-061312	CP-SS04-061312	CP-SS05-061312	CP-SS06-061312	CP-SS07-061312	CP-SS08-061312	CP-SS09-061312	CP-SS10-061312	CP-SS11-061312
				Sampling Date	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012
					Result										
	VOCs [1]														
SW8260	1,1,2,2-Tetrachloroethane	mg/kg	0.56		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	1,1,2-Trichloroethane	mg/kg	1.1		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	1,1,2-Trichlorotrifluoroethane	mg/kg	43000		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	1,1,1-Trichloroethane	mg/kg	8700		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	1,1-Dichloroethane	mg/kg	3.3		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	1,1-Dichloroethene	mg/kg	240		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	1,2,4-Trichlorobenzene	mg/kg	22		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	1,2-Dibromo-3-chloropropane	mg/kg	0.0054		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	1,2-Dibromoethane	mg/kg	0.034		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	1,2-Dichlorobenzene	mg/kg	1900		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	1,2-Dichloroethane	mg/kg	0.43		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	1,2-Dichloropropane	mg/kg	0.94		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	1,3-Dichlorobenzene	mg/kg	NA		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	1,4-Dichlorobenzene	mg/kg	2.4		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	2-Butanone	mg/kg	28000		0.039 U	0.25 U	0.30 U	0.22 U	0.22 U	0.23 U	0.26 U	0.25 U	0.29 U	0.23 U	0.23 U
SW8260	2-Hexanone	mg/kg	210		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	4-Methyl-2-pentanone	mg/kg	5300		0.039 U	0.038 U	0.045 U	**0.18**	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	Acetone	mg/kg	61000		**0.23**	**0.25**	**0.33**	**0.19**	**0.18**	**0.19**	**0.21**	**0.16**	**0.18**	**0.17**	**0.18**
SW8260	Benzene	mg/kg	1.1		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	Bromodichloromethane	mg/kg	0.27		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	Bromoform	mg/kg	62		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	Bromomethane	mg/kg	7.3		0.039 U	0.095 U	0.11 U	0.083 U	0.081 U	0.086 U	0.099 U	0.093 U	0.11 U	0.035 U	0.035 U
SW8260	Carbon disulfide	mg/kg	820		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	Carbon tetrachloride	mg/kg	0.61		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	Chlorobenzene	mg/kg	290		0.039 U	0.038 U	0.045 U	0.033 U	0.032 0.11 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	Chloroethane	mg/kg	15000		0.13 U	0.13 U	0.15 U	0.11 U	**0.032 U**	0.11 U	0.13 U	0.12 U	0.14 U	0.12 U	0.12 U
SW8260	Chloroform	mg/kg	0.29		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	Chloromethane	mg/kg	120		0.13 U	0.13 U	0.15 U	0.11 U	0.11 U	0.034 U	0.13 U	0.12 U	0.14 U	0.12 U	0.12 U
SW8260	cis-1,2-Dichloroethene	mg/kg	160		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	cis-1,3-Dichloropropene	mg/kg	NA		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	Cyclohexane	mg/kg	7000		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	Dibromochloromethane	mg/kg	0.68		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	Dichlorodifluoromethane	mg/kg	94		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	Ethylbenzene	mg/kg	5.4		**0.08**	**0.23**	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	Isopropylbenzene	mg/kg	2100		0.039 U	**0.11**	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	Methyl acetate	mg/kg	78000		**0.77**	**0.63**	**0.79**	**0.45**	**0.19**	**0.51**	**0.58**	0.50 U	0.57 U	0.46 U	0.47 U
SW8260	Methyl tert-butyl ether	mg/kg	43		0.0039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	Methylcyclohexane	mg/kg	NA		0.0039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	Methylene chloride	mg/kg	11		0.0039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	Styrene	mg/kg	6300		0.0039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	Tetrachloroethene	mg/kg	0.55		0.0039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	Toluene	mg/kg	5000		**0.35**	**0.12**	0.045 U	**0.14**	**0.19**	**0.058**	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	trans-1,2-Dichloroethene	mg/kg	150		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	trans-1,3-Dichloropropene	mg/kg	NA		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	Trichloroethene	mg/kg	0.91		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	Trichlorofluoromethane	mg/kg	790		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	Vinyl chloride	mg/kg	0.06		0.039 U	0.038 U	0.045 U	0.033 U	0.032 U	0.034 U	0.040 U	0.037 U	0.043 U	0.035 U	0.035 U
SW8260	Xylenes, Total	mg/kg	630		**5.3**	**3.3**	**0.25**	**0.31**	0.097 U	0.10 U	0.12 U	0.11 U	0.13 U	0.10 U	0.10 U
	SVOCs [1]														
SW8270	1,1-Biphenyl	mg/kg	51		0.37 U	0.36 U	1.4 U	1.7 U	1.7 U	0.33 U	1.7 U	1.7 U	0.34 U	0.34 U	3.3 U
SW8270	2,4,5-Trichlorophenol	mg/kg	6100		0.18 U	0.17 U	0.67 U	0.84 U	0.82 U	0.16 U	0.83 U	0.84 U	0.17 U	0.17 U	1.6 U
SW8270	2,4,6-Trichlorophenol	mg/kg	44		0.18 U	0.17 U	0.67 U	0.84 U	0.82 U	0.16 U	0.83 U	0.84 U	0.17 U	0.17 U	1.6 U
SW8270	2,4-Dichlorophenol	mg/kg	180		0.18 U	0.17 U	0.67 U	0.84 U	0.82 U	0.16 U	0.83 U	0.84 U	0.17 U	0.17 U	1.6 U
SW8270	2,4-Dimethylphenol	mg/kg	1200		0.37 U	0.36 U	1.4 U	1.7 U	1.7 U	0.33 U	1.7 U	1.7 U	0.34 U	0.34 U	3.3 U
SW8270	2,4-Dinitrophenol	mg/kg	120		0.73 U	0.71 U	2.8 U	3.4 U	3.4 U	0.67 U	3.4 U	3.5 U	0.68 U	0.68 U	6.6 U
SW8270	2,4-Dinitrotoluene	mg/kg	1.6		0.18 U	0.17 U	0.67 U	0.84 U	0.82 U	0.16 U	0.83 U	0.84 U	0.17 U	0.17 U	1.6 U
SW8270	2,6-Dinitrotoluene	mg/kg	61		0.18 U	0.17 U	0.67 U	0.84 U	0.82 U	0.16 U	0.83 U	0.84 U	0.17 U	0.17 U	1.6 U
SW8270	2-Chloronaphthalene	mg/kg	6300		0.089 U	0.086 U	0.34 U	0.42 U	0.41 U	0.081 U	0.42 U	0.42 U	0.083 U	0.083 U	0.80 U
SW8270	2-Chlorophenol	mg/kg	390		0.18 U	0.17 U	0.67 U	0.84 U	0.82 U	0.16 U	0.83 U	0.84 U	0.17 U	0.17 U	1.6 U
SW8270	2-Methylnaphthalene	mg/kg	310		0.089 U	0.086 U	0.34 U	0.42 U	0.41 U	0.081 U	0.42 U	0.42 U	0.083 U	0.083 U	0.080 U
SW8270	2-Nitroaniline	mg/kg	610		0.73 U	0.17 U	0.67 U	3.4 U	3.4 U	0.67 U	3.4 U	3.5 U	0.68 U	0.68 U	6.6 U
SW8270	2-Nitrophenol	mg/kg	NA		0.18 U	0.71 U	2.8 U	0.84 U	0.82 U	0.16 U	0.83 U	0.84 U	0.17 U	0.17 U	1.6 U
SW8270	3,3-Dichlorobenzidine	mg/kg	1.1		0.73 U	0.17 U	0.67 U	3.4 U	3.4 U	0.67 U	3.4 U	3.5 U	0.68 U	0.68 U	6.6 U
SW8270	3-Nitroaniline	mg/kg	NA		0.73 U	0.71 U	2.8 U	3.4 U	3.4 U	0.67 U	3.4 U	3.5 U	0.68 U	0.68 U	6.6 U
SW8270	4,6-Dinitro-2-methylphenol	mg/kg	4.9		0.37 U	0.71 U	1.4 U	1.7 U	1.7 U	0.33 U	1.7 U	1.7 U	0.34 U	0.34 U	3.3 U
SW8270	4-Bromophenyl phenyl ether	mg/kg	NA		0.18 U	0.36 U	0.67 U	0.84 U	0.82 U	0.16 U	0.83 U	0.84 U	0.17 U	0.17 U	1.6 U
SW8270	4-Chloro-3-methylphenol	mg/kg	6100		0.18 U	0.17 U	0.67 U	0.84 U	0.82 U	0.16 U	0.83 U	0.84 U	0.17 U	0.17 U	1.6 U
SW8270	4-Chloroaniline	mg/kg	2.4		0.73 U	0.17 U	2.8 U	3.4 U	3.4 U	0.67 U	3.4 U	3.5 U	0.68 U	0.68 U	6.6 U
SW8270	4-Chlorophenyl phenyl ether	mg/kg	NA		0.18 U	0.71 U	0.67 U	0.84 U	0.82 U	0.16 U	0.83 U	0.84 U	0.17 U	0.17 U	1.6 U
SW8270	4-Nitroaniline	mg/kg	24		0.73 U	0.17 U	2.8 U	3.4 U	0.82 U	0.67 U	3.4 U	3.5 U	0.68 U	0.68 U	6.6 U
SW8270	4-Nitrophenol	mg/kg	NA		0.73 U	0.17 U	2.8 U	3.4 U	3.4 U	0.67 U	3.4 U	3.5 U	0.68 U	0.68 U	6.6 U
SW8270	Acenaphthene	mg/kg	3400		0.033 U	0.71 U	0.13 U	0.16 U	0.15 U	0.030 U	0.16 U	0.16 U	0.031 U	0.031 U	0.30 U
SW8270	Acenaphthylene	mg/kg	NA		0.033 U	0.71 U	0.13 U	0.16 U	0.15 U	0.030 U	0.16 U	0.16 U	0.031 U	0.031 U	0.30 U
SW8270	Acetophenone	mg/kg	7800		0.37 U	0.032 U	1.4 U	1.7 U	1.7 U	0.33 U	1.7 U	1.7 U	0.34 U	0.34 U	3.3 U
SW8270	Anthracene	mg/kg	17000		0.033 U	0.032 U	0.13 U	0.16 U	0.15 U	0.030 U	0.16 U	0.16 U	0.031 U	0.031 U	0.30 U
SW8270	Atrazine	mg/kg	2.1		0.37 U	0.36 U	1.3 U	1.7 U	1.7 U	0.33 U	1.7 U	1.7 U	0.34 U	0.34 U	3.3 U
SW8270	Benzaldehyde	mg/kg	7800		0.37 U	0.36 U	1.3 U	1.7 U	1.7 U	0.33 U	1.7 U	1.7 U	0.34 U	0.34 U	3.3 U
SW8270	Benzo(a)anthracene	mg/kg	0.15		**0.037**	**0.081**	0.13 U	0.16 U	0.15 U	0.030 U	0.16 U	0.16 U	**0.11**	**0.18**	**0.73**
SW8270	Benzo(a)pyrene	mg/kg	0.015		**0.034**	**0.1**	1.3 U	0.16 U	0.15 U	0.030 U	0.16 U	0.16 U	0.31 U	0.62 U	**1.0**

TABLE 2
SURFACE SOIL SAMPLE ANALYTICAL RESULTS
CLYDE PAINT AND SUPPLY COMPANY SITE
CLYDE, SANDUSKY COUNTY, OHIO

Analytical Method	Analytical Parameter	Unit	Screening Criterion	Location ID	CP-SS01	CP-SS02	CP-SS03	CP-SS04	CP-SS05	CP-SS06	CP-SS07	CP-SS08	CP-SS09	CP-SS10	CP-SS11
				Field Sample ID	CP-SS01-061312	CP-SS02-061312	CP-SS03-061312	CP-SS04-061312	CP-SS05-061312	CP-SS06-061312	CP-SS07-061312	CP-SS08-061312	CP-SS09-061312	CP-SS10-061312	CP-SS11-061312
				Sampling Date	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012
					Result										
SW8270	Benzo(b)fluoranthene	mg/kg	0.15		**0.077**	**0.16**	1.3 U	0.16 U	0.15 U	**0.034**	0.16 U	0.16 U	0.31 U	0.62 U	**1.4**
SW8270	Benzo(g,h,i)perylene	mg/kg	NA		0.033 U	**0.041**	1.3 U	0.16 U	0.15 U	0.030 U	0.16 U	0.16 U	0.31 U	0.62 U	**0.75**
SW8270	Benzo(k)fluoranthene	mg/kg	1.5		**0.043**	**0.11**	1.3 U	0.16 U	0.15 U	0.030 U	0.16 U	0.16 U	0.31 U	0.62 U	**0.57**
SW8270	Bis(2-chloroethoxy)methane	mg/kg	180		0.18 U	0.17 U	0.67 U	0.84 U	0.82 U	0.16 U	0.83 U	**0.84 U**	0.17 U	0.17 U	1.6 U
SW8270	Bis(2-chloroethyl)ether	mg/kg	0.21		0.18 U	0.17 U	0.67 U	0.84 U	0.82 U	0.16 U	0.83 U	0.84 U	0.17 U	0.17 U	1.6 U
SW8270	Bis(2-chloroisopropyl)ether	mg/kg	4.6		0.18 U	0.17 U	0.67 U	0.84 U	0.82 U	0.16 U	0.83 U	0.84 U	0.17 U	0.17 U	1.6 U
SW8270	Bis(2-ethylhexyl)phthalate	mg/kg	35		**1.2**	**1.3**	**1.6**	**1.7**	1.7 U	**0.49**	1.7 U	**2.8**	**0.41**	0.34 U	3.3 U
SW8270	Butyl benzyl phthalate	mg/kg	260		**0.33**	**0.28**	0.67 U	0.84 U	0.82 U	**0.19**	0.83 U	0.84 U	0.17 U	0.17 U	1.6 U
SW8270	Caprolactam	mg/kg	31000		0.37 U	0.36 U	1.4 U	1.7 U	1.7 U	0.33 U	1.7 U	1.7 U	0.34 U	0.34 U	3.3 U
SW8270	Carbazole	mg/kg	NA		0.18 U	0.17 U	0.67 U	0.84 U	0.82 U	0.16 U	0.83 U	0.84 U	0.17 U	0.17 U	1.6 U
SW8270	Chrysene	mg/kg	15		**0.058**	**0.12**	**0.17**	0.16 U	0.15 U	0.030 U	0.16 U	0.16 U	**0.17**	**0.26**	**0.97**
SW8270	Dibenzo(a,h)anthracene	mg/kg	0.015		0.033 U	0.032 U	**1.3**	0.16 U	0.15 U	0.030 U	0.16 U	0.16 U	0.31 U	0.62 U	0.30 U
SW8270	Dibenzofuran	mg/kg	78		0.18 U	0.17 U	0.67 U	0.84 U	0.82 U	0.16 U	0.83 U	0.84 U	0.17 U	0.17 U	1.6 U
SW8270	Diethyl phthalate	mg/kg	49000		0.37 U	0.36 U	1.4 U	1.7 U	1.7 U	0.33 U	1.7 U	1.7 U	0.34 U	0.34 U	3.3 U
SW8270	Dimethyl phthalate	mg/kg	NA		0.37 U	0.36 U	1.4 U	1.7 U	1.7 U	0.33 U	1.7 U	1.7 U	0.34 U	0.34 U	3.3 U
SW8270	Di-n-butyl phthalate	mg/kg	6100		0.37 U	0.36 U	1.4 U	1.7 U	1.7 U	0.33 U	1.7 U	1.7 U	0.34 U	0.34 U	3.3 U
SW8270	Di-n-octyl phthalate	mg/kg	NA		0.18 U	0.17 U	6.7 U	0.84 U	0.82 U	**0.4**	0.83 U	0.84 U	1.7 U	3.3 U	1.6 U
SW8270	Fluoranthene	mg/kg	2300		**0.074**	**0.21**	**0.19**	0.16 U	0.15 U	0.030 U	**0.17**	0.16 U	**0.29**	**0.43**	**1.8**
SW8270	Fluorene	mg/kg	2300		0.033 U	0.032 U	0.13 U	0.16 U	0.15 U	0.030 U	0.16 U	0.16 U	0.031 U	0.031 U	0.30 U
SW8270	Hexachloro-1,3-butadiene	mg/kg	6.2		0.18 U	0.17 U	0.67 U	0.84 U	0.82 U	0.16 U	0.83 U	0.84 U	0.17 U	0.17 U	1.6 U
SW8270	Hexachlorobenzene	mg/kg	NA		0.18 U	0.17 U	0.67 U	0.84 U	0.82 U	0.16 U	0.83 U	0.84 U	0.17 U	0.17 U	1.6 U
SW8270	Hexachlorocyclopentadiene	mg/kg	370		0.37 U	0.36 U	1.4 U	1.7 U	1.7 U	0.16 U	1.7 U	1.7 U	0.34 U	0.34 U	3.3 U
SW8270	Hexachloroethane	mg/kg	12		0.18 U	0.17 U	0.67 U	0.84 U	0.82 U	0.33 U	0.83 U	0.84 U	0.17 U	0.17 U	1.6 U
SW8270	Indeno(1,2,3-cd)pyrene	mg/kg	0.15		0.033 U	**0.036**	1.3 U	0.16 U	0.15 U	0.030 U	0.16 U	0.16 U	0.31 U	0.62 U	**0.58**
SW8270	Isophorone	mg/kg	510		0.18 U	0.17 U	0.67 U	0.84 U	0.82 U	0.16 U	0.83 U	0.84 U	0.17 U	0.17 U	**1.6**
SW8270	Naphthalene	mg/kg	3.6		**0.045**	0.032 U	**0.29**	0.16 U	0.15 U	**0.08**	0.16 U	0.16 U	0.031 U	0.031 U	0.30 U
SW8270	Nitrobenzene	mg/kg	4.8		0.18 U	0.17 U	0.67 U	0.84 U	0.82 U	0.16 U	0.83 U	0.84 U	0.17 U	0.17 U	1.6 U
SW8270	N-Nitrosodi-n-propylamine	mg/kg	0.069		0.18 U	0.17 U	0.67 U	0.84 U	0.82 U	0.16 U	0.83 U	0.84 U	0.17 U	0.17 U	1.6 U
SW8270	N-Nitrosodiphenylamine	mg/kg	99		0.18 U	0.17 U	0.67 U	0.84 U	0.82 U	0.16 U	0.83 U	0.84 U	0.17 U	0.17 U	1.6 U
SW8270	o-Cresol	mg/kg	3100		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
SW8270	p-Cresol	mg/kg	310		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
SW8270	Pentachlorophenol	mg/kg	0.89		0.37 U	0.36 U	1.4 U	1.7 U	1.7 U	0.33 U	1.7 U	1.7 U	0.34 U	0.34 U	3.3 U
SW8270	Phenanthrene	mg/kg	NA		**0.058**	**0.12**	0.13 U	0.16 U	0.15 U	0.030 U	0.16 U	0.16 U	**0.13**	**0.16**	**0.61**
SW8270	Phenol	mg/kg	18000		0.18 U	0.17 U	0.67 U	0.84 U	0.82 U	0.16 U	0.83 U	0.84 U	0.17 U	0.17 U	1.6 U
SW8270	Pyrene	mg/kg	1700		**0.076**	**0.22**	**0.2**	0.16 U	0.15 U	**0.03**	0.16 U	0.16 U	**0.3**	**0.4**	**1.5**
	TAL Metals [1]														
SW6020A	Aluminum	mg/kg	77000		**7300**	**2100**	**2700**	**2300**	**2200**	**750**	**1300**	**1200**	**2100**	**2100**	**2200**
SW6020A	Antimony	mg/kg	31		**5.9**	**4**	**3.5**	**6**	**2.5**	**8.8**	**3.3**	**2.3**	**2.1**	**1.5**	0.83 U
SW6020A	Arsenic	mg/kg	13.197 [2]		**5.4**	**2.4**	**3.1**	**1.7**	**1.4**	**1.5**	**1.2**	**1.8**	**2.5**	**2.1**	**1.8**
SW6020A	Barium	mg/kg	15000		**490**	**490**	**780**	**560**	**480**	**750**	**480**	**290**	**130**	**120**	**150**
SW6020A	Beryllium	mg/kg	160		1.8 U	1.7 U	1.6 U	1.6 U	1.6 U	1.5 U	1.5 U	1.6 U	1.6 U	1.5 U	1.7 U
SW6020A	Boron	mg/kg	16000		18 U	1.7 U	16 U	16 U	16 U	**750**	15 U	16 U	16 U	15 U	17 U
SW6020A	Cadmium	mg/kg	70		1.8 U	**16**	**1.7**	**0.31**	**6.3**	**2.6**	**7.4**	**14**	**1.2**	**0.68**	**0.72**
SW6020A	Calcium	mg/kg	NA		**21000**	**94000**	**170000**	**180000**	**180000**	**190000**	**150000**	**150000**	**160000**	**160000**	**200000**
SW6020A	Chromium	mg/kg	NA		**110**	**48**	**44**	**67**	**29**	**37**	**42**	**33**	**22**	**26**	**18**
SW6020A	Cobalt	mg/kg	23		**8.7**	**4.7**	**5.7**	**2.5**	**2**	**2.5**	**1.9**	**1.7**	**2.9**	**2.1**	**1.5**
SW6020A	Copper	mg/kg	3100		**19**	**18**	**16**	**10**	**7.6**	**11**	**9.4**	**8.5**	**14**	**8.2**	**6.8**
SW7196A	Chromium, Hexavalent	mg/kg	0.29		0.57 U	**0.73**	**1.4**	**3.7**	**0.62**	**1.3**	**0.73**	0.52 U	0.52 U	0.52 U	0.50 U
SW6020A	Iron	mg/kg	55000		**16000**	**6700**	**6900**	**6400**	**5200**	**4600**	**3600**	**4200**	**7000**	**6800**	**5100**
SW6020A	Lead	mg/kg	400		**480**	**370**	**300**	**360**	**200**	**440**	**250**	**230**	**150**	**210**	**160**
SW6020A	Magnesium	mg/kg	NA		**8900**	**66000**	**74000**	**80000**	**79000**	**99000**	**74000**	**64000**	**62000**	**70000**	**83000**
SW6020A	Manganese	mg/kg	1800		**270**	**210**	**200**	**180**	**160**	**110**	**120**	**140**	**180**	**140**	**130**
SW7471	Mercury	mg/kg	10		**0.034**	**0.041**	**0.041**	**0.042**	0.017 U	**0.03**	**0.04**	**0.061**	**0.034**	0.020 U	0.025 U
SW6020A	Nickel	mg/kg	1500		**19**	**210**	**8.9**	**9.6**	**6.8**	**4.9**	**5.7**	**5.5**	**7.7**	**7.1**	**7.2**
SW6020A	Potassium	mg/kg	NA		**1300**	**380**	**600**	**610**	**640**	**180**	**290**	**380**	**450**	**450**	**410**
SW6020A	Selenium	mg/kg	390		4.5 U	0.84 U	0.82 U	0.78 U	**0.86**	0.76 U	0.74 U	0.80 U	0.78 U	0.73 U	0.83 U
SW6020A	Silver	mg/kg	390		4.5 U	0.84 U	0.82 U	0.78 U	0.82 U	0.76 U	0.74 U	0.80 U	0.78 U	0.73 U	0.83 U
SW6020A	Sodium	mg/kg	NA		180 U	**88**	**100**	**110**	**100**	**170**	**30**	**80**	**88**	**110**	**120**
SW6020A	Thallium	mg/kg	0.78		4.5 U	0.84 U	0.82 U	0.78 U	0.82 U	0.76 U	0.74 U	0.80 U	0.78 U	0.73 U	0.83 U
SW6020A	Vanadium	mg/kg	NA		**13**	**5.6**	**7.4**	**6**	**6.8**	**4.2**	**3.6**	**4.9**	**6.7**	**6.1**	**7**
SW6020A	Zinc	mg/kg	23000		**1600**	**69000**	**3600**	**6000**	**7100**	**8000**	**33000**	**60000**	**2700**	**1000**	**1100**
	Pesticides and Herbicides [1]														
SW8151	2,4,5-T	mg/kg	610		0.0057 U	0.0053 U	0.0053 U	0.0052 U	0.0051 U	0.0050 U	0.0053 U	0.0052 U	0.0052 U	0.0051 U	0.0050 U
SW8151	2,4,5-TP (Silvex)	mg/kg	490		0.011 U	0.011 U	0.011 U	0.010 U	0.010 U	0.010 U	0.011 U	0.010 U	0.010 U	0.010 U	0.010 U
SW8151	2,4-D	mg/kg	690		0.0057 U	0.0053 U	0.0053 U	0.0052 U	0.0051 U	0.0050 U	0.0053 U	0.0052 U	0.0052 U	0.0051 U	0.0050 U
SW8081	4,4-DDD	mg/kg	2		0.11 U	0.010 U	0.21 U	0.050 U	0.098 U	0.049 U	0.11 U	0.050 U	0.050 U	0.0052 U	0.097 U
SW8081	4,4-DDE	mg/kg	1.4		0.11 U	0.010 U	0.21 U	0.050 U	0.098 U	0.049 U	0.11 U	0.050 U	0.050 U	0.0052 U	0.097 U
SW8081	4,4-DDT	mg/kg	1.7		0.11 U	0.010 U	0.21 U	0.050 U	0.098 U	0.049 U	0.11 U	0.050 U	0.050 U	0.0052 U	0.097 U
SW8081	Aldrin	mg/kg	0.029		0.11 U	0.010 U	0.21 U	0.050 U	0.098 U	0.049 U	0.11 U	0.050 U	0.050 U	0.0052 U	0.097 U
SW8081	alpha-BHC	mg/kg	0.077		0.11 U	0.010 U	0.21 U	0.050 U	0.098 U	0.049 U	0.11 U	0.050 U	0.050 U	0.0052 U	0.097 U
SW8081	alpha-Chlordane	mg/kg	NA		0.11 U	0.010 U	0.21 U	0.050 U	0.098 U	0.049 U	0.11 U	0.050 U	0.050 U	0.0052 U	0.097 U
SW8081	beta-BHC	mg/kg	0.27		0.11 U	0.010 U	0.21 U	0.050 U	0.098 U	0.049 U	0.11 U	0.050 U	0.050 U	0.052 U	0.097 U
SW8081	Chlordane, Technical	mg/kg	NA		0.27 U	0.026 U	0.53 U	0.13 U	0.25 U	0.12 U	0.26 U	0.12 U	0.12 U	0.13 U	0.24 U
SW8081	delta-BHC	mg/kg	NA		0.11 U	0.010 U	0.21 U	0.050 U	0.098 U	0.049 U	0.11 U	0.050 U	0.050 U	0.052 U	0.097 U
SW8081	Dieldrin	mg/kg	0.03		0.11 U	0.010 U	0.21 U	0.050 U	0.098 U	0.049 U	0.11 U	0.050 U	0.050 U	0.052 U	0.097 U
SW8081	Endosulfan I	mg/kg	NA		0.11 U	0.010 U	0.21 U	0.050 U	0.098 U	0.049 U	0.11 U	0.050 U	0.050 U	0.052 U	0.097 U
SW8081	Endosulfan II	mg/kg	NA		0.11 U	0.010 U	0.21 U	0.050 U	0.098 U	0.049 U	0.11 U	0.050 U	0.050 U	0.052 U	0.097 U
SW8081	Endosulfan sulfate	mg/kg	NA		0.11 U	0.010 U	0.21 U	0.050 U	0.098 U	0.049 U	0.11 U	0.050 U	0.050 U	0.052 U	0.097 U
SW8081	Endrin	mg/kg	18		0.11 U	0.010 U	0.21 U	0.050 U	0.098 U	0.049 U	0.11 U	0.050 U	0.050 U	0.052 U	0.097 U
SW8081	Endrin aldehyde	mg/kg	NA		0.11 U	0.010 U	0.21 U	0.050 U	0.098 U	0.049 U	0.11 U	0.050 U	0.050 U	0.052 U	0.097 U

TABLE 2
SURFACE SOIL SAMPLE ANALYTICAL RESULTS
CLYDE PAINT AND SUPPLY COMPANY SITE
CLYDE, SANDUSKY COUNTY, OHIO

Analytical Method	Analytical Parameter	Unit	Screening Criterion	Location ID	CP-SS01	CP-SS02	CP-SS03	CP-SS04	CP-SS05	CP-SS06	CP-SS07	CP-SS08	CP-SS09	CP-SS10	CP-SS11
				Field Sample ID	CP-SS01-061312	CP-SS02-061312	CP-SS03-061312	CP-SS04-061312	CP-SS05-061312	CP-SS06-061312	CP-SS07-061312	CP-SS08-061312	CP-SS09-061312	CP-SS10-061312	CP-SS11-061312
				Sampling Date	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012	6/13/2012
					Result										
SW8081	Endrin ketone	mg/kg	NA		0.11 U	0.010 U	0.21 U	0.050 U	0.098 U	0.049 U	0.11 U	0.050 U	0.050 U	0.052 U	0.097 U
SW8081	gamma-BHC (Lindane)	mg/kg	0.52		0.11 U	0.010 U	0.21 U	0.050 U	0.098 U	0.049 U	0.11 U	0.050 U	0.050 U	0.052 U	0.097 U
SW8081	gamma-Chlordane	mg/kg	NA		0.11 U	0.010 U	0.21 U	0.050 U	0.098 U	0.049 U	0.11 U	0.050 U	0.050 U	0.052 U	0.097 U
SW8081	Heptachlor	mg/kg	0.11		0.11 U	0.010 U	0.21 U	0.050 U	0.098 U	0.049 U	0.11 U	0.050 U	0.050 U	0.052 U	0.097 U
SW8081	Heptachlor epoxide	mg/kg	0.053		0.11 U	0.010 U	0.21 U	0.050 U	0.098 U	0.049 U	0.11 U	0.050 U	0.050 U	0.052 U	0.097 U
SW8081	Methoxychlor	mg/kg	310		0.11 U	0.010 U	0.21 U	0.050 U	0.098 U	0.049 U	0.11 U	0.050 U	0.050 U	0.052 U	0.097 U
SW8081	Toxaphene	mg/kg	0.44		0.65 U	0.62 U	1.3 U	0.30 U	0.59 U	0.29 U	0.63 U	0.30 U	0.30 U	0.31 U	0.58 U
	PCBs [1]														
SW8082	Aroclor 1016	mg/kg	3.9		0.044 U	0.041 U	0.042 U	0.040 U	0.039 U	0.039 U	0.042 U	0.040 U	0.040 U	0.0041 U	0.039 U
SW8082	Aroclor 1221	mg/kg	0.14		0.044 U	0.041 U	0.042 U	0.040 U	0.039 U	0.039 U	0.042 U	0.040 U	0.040 U	0.0041 U	0.039 U
SW8082	Aroclor 1232	mg/kg	0.14		0.044 U	0.041 U	0.042 U	0.040 U	0.039 U	0.039 U	0.042 U	0.040 U	0.040 U	0.0041 U	0.039 U
SW8082	Aroclor 1242	mg/kg	0.22		0.044 U	0.041 U	0.042 U	0.040 U	0.039 U	0.039 U	0.042 U	0.040 U	0.040 U	0.0041 U	0.039 U
SW8082	Aroclor 1248	mg/kg	0.22		0.044 U	0.041 U	0.042 U	0.040 U	0.039 U	0.039 U	0.042 U	0.040 U	0.040 U	0.0041 U	0.039 U
SW8082	Aroclor 1254	mg/kg	0.22		**0.99**	**0.55**	**0.56**	**0.23**	**0.12**	**0.11**	**0.17**	**0.071**	0.040 U	**0.64**	0.039 U
SW8082	Aroclor 1260	mg/kg	0.22		0.044 U	0.041 U	0.042 U	0.040 U	0.039 U	0.039 U	0.042 U	0.040 U	0.040 U	0.0041 U	0.039 U
	TCLP VOCs, SVOCs, Pesticides, and Herbicides [3]														
SW8260	1,1-Dichloroethene, TCLP	mg/L	0.7		0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
SW8260	1,2-Dichloroethane, TCLP	mg/L	0.5		0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
SW8270	1,4-Dichlorobenzene, TCLP	mg/L	7.5		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
SW8270	2,4,6-Trichlorophenol, TCLP	mg/L	2		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
SW8270	2,4,5-Trichlorophenol, TCLP	mg/L	400		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
SW8151	2,4,5-TP (Silvex), TCLP	mg/L	1		0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
SW8151	2,4-D, TCLP	mg/L	10		0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
SW8270	2,4-Dinitrotoluene, TCLP	mg/L	0.13		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
SW8260	2-Butanone, TCLP	mg/L	200		0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
SW8260	Benzene, TCLP	mg/L	0.5		0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
SW8260	Carbon tetrachloride, TCLP	mg/L	0.5		0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
SW8081	Chlordane, Technical, TCLP	mg/L	0.03		0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
SW8260	Chlorobenzene, TCLP	mg/L	100		0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
SW8260	Chloroform, TCLP	mg/L	6		0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
SW8081	Endrin, TCLP	mg/L	0.02		0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U
SW8081	gamma-BHC (Lindane), TCLP	mg/L	0.4		0.000250 U	0.000250 U	0.000250 U	0.000250 U	0.000250 U	0.000250 U	0.000250 U	0.000250 U	0.000250 U	0.000250 U	0.000250 U
SW8081	Heptachlor, TCLP	mg/L	0.008		0.000250 U	0.000250 U	0.000250 U	0.000250 U	0.000250 U	0.000250 U	0.000250 U	0.000250 U	0.000250 U	0.000250 U	0.000250 U
SW8270	Hexachloro-1,3-butadiene, TCLP	mg/L	0.5		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
SW8270	Hexachlorobenzene, TCLP	mg/L	NA		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
SW8270	Hexachloroethane, TCLP	mg/L	3		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
SW8270	m-Cresol, TCLP	mg/L	200		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
SW8081	Methoxychlor, TCLP	mg/L	10		0.00250 U	0.00250 U	0.00250 U	0.00250 U	0.00250 U	0.00250 U	0.00250 U	0.00250 U	0.00250 U	0.00250 U	0.00250 U
SW8270	Nitrobenzene, TCLP	mg/L	2		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
SW8270	o-Cresol, TCLP	mg/L	200		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
SW8270	p-Cresol, TCLP	mg/L	200		0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
SW8270	Pentachlorophenol, TCLP	mg/L	100		0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
SW8270	Pyridine, TCLP	mg/L	5		0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
SW8260	Tetrachloroethene, TCLP	mg/L	0.7		0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
SW8081	Toxaphene, TCLP	mg/L	0.5		0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
SW8260	Trichloroethene, TCLP	mg/L	0.5		0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
SW8260	Vinyl chloride, TCLP	mg/L	0.2		0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
	TCLP Metals [3]														
SW6020A	Arsenic, TCLP	mg/L	5		0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
SW6020A	Barium, TCLP	mg/L	100		**2.1**	**2.3**	**1.8**	**2.6**	**2**	**1.4**	**2.1**	**2.9**	**1.2**	**0.77**	**0.74**
SW6020A	Cadmium, TCLP	mg/L	1		**0.03**	**0.091**	**0.021**	**0.061**	**0.025**	**0.049**	**0.0072**	0.0020 U	**0.017**	**0.018**	**0.017**
SW6020A	Chromium, TCLP	mg/L	5		0.020 U	**0.033**	0.020 U	**0.07**	**0.024**	0.020 U	0.020 U	0.020 U	**0.023**	0.020 U	0.020 U
SW6020A	Lead, TCLP	mg/L	5		**0.037**	**0.25**	**0.098**	**0.44**	**0.3**	**1.5**	**0.098**	0.010 U	**0.05**	**0.39**	**0.3**
SW7470A	Mercury, TCLP	mg/L	0.2		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
SW6020A	Selenium, TCLP	mg/L	1		0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
SW6020A	Silver, TCLP	mg/L	5		0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U

Notes:

Bold results exceed laboratory reporting limits.

Bold and highlighted results exceed the screening criteria.

CFR = *Code of Federal Regulations*
ID = Identification
mg/kg = Milligram per kilogram
mg/L = Milligram per liter
NA = Not available
PCB = Polychlorinated biphenyl
RSL = Regional Screening Level
SVOC = Semivolatile organic compound
TAL = Target Analyte List
TCLP = Toxicity Characteristic Leaching Procedure
U = Not detected at indicated method detection limit
U.S. EPA = United States Environmental Protection Agency
VOC = Volatile organic compound

1 Screening criteria are U.S. EPA RSLs (formerly preliminary remediation goals) listed in Residential Soil Table dated November 2011.
2 Screening criterion is U.S. Geological Survey average concentration of arsenic in Sandusky County, Ohio.
3 Screening criteria are from 40 CFR 261.24, Table 1 – Maximum Concentration of Contaminants for the Toxicity Characteristic.

TABLE 3
SUBSURFACE SOIL SAMPLE ANALYTICAL RESULTS
CLYDE PAINT AND SUPPLY COMPANY SITE
CLYDE, SANDUSKY COUNTY, OHIO

Analytical Method	Analytical Parameter	Unit	Screening Criterion	Location ID	CD-B01	CD-B02	CD-B03	CD-B04
				Field Sample ID	CD-B01-S01-061512	CD-B02-S01-061512	CD-B03-S01-061512	CD-B04-S01-061512
				Sampling Date	6/15/2012	6/15/2012	6/15/2012	6/15/2012
				Sampling Depth (feet bgs)	0-2	6-8	6-8	1-3
					Result			
VOCs [1]								
SW8260	1,1,2,2-Tetrachloroethane	mg/kg	0.56		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	1,1,2-Trichloroethane	mg/kg	1.1		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	1,1,2-Trichlorotrifluoroethane	mg/kg	43000		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	1,1,1-Trichloroethane	mg/kg	8700		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	1,1-Dichloroethane	mg/kg	3.3		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	1,1-Dichloroethene	mg/kg	240		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	1,2,4-Trichlorobenzene	mg/kg	22		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	1,2-Dibromo-3-chloropropane	mg/kg	0.0054		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	1,2-Dibromoethane	mg/kg	0.034		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	1,2-Dichlorobenzene	mg/kg	1900		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	1,2-Dichloroethane	mg/kg	0.43		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	1,2-Dichloropropane	mg/kg	0.94		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	1,3-Dichlorobenzene	mg/kg	NA		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	1,4-Dichlorobenzene	mg/kg	2.4		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	2-Butanone	mg/kg	28000		23 U	2.3 U	0.23 U	0.26 U
SW8260	2-Hexanone	mg/kg	210		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	4-Methyl-2-pentanone	mg/kg	5300		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	Acetone	mg/kg	61000		11 U	1.1 U	0.12 U	0.13 U
SW8260	Benzene	mg/kg	1.1		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	Bromodichloromethane	mg/kg	0.27		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	Bromoform	mg/kg	62		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	Bromomethane	mg/kg	7.3		8.5 U	0.85 U	0.086 U	0.099 U
SW8260	Carbon disulfide	mg/kg	820		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	Carbon tetrachloride	mg/kg	0.61		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	Chlorobenzene	mg/kg	290		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	Chloroethane	mg/kg	15000		11 U	1.1 U	0.12 U	0.13 U
SW8260	Chloroform	mg/kg	0.29		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	Chloromethane	mg/kg	120		11 U	1.1 U	0.12 U	0.13 U
SW8260	cis-1,2-Dichloroethene	mg/kg	160		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	cis-1,3-Dichloropropene	mg/kg	NA		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	Cyclohexane	mg/kg	7000		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	Dibromochloromethane	mg/kg	0.68		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	Dichlorodifluoromethane	mg/kg	94		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	Ethylbenzene	mg/kg	5.4		**360**	**0.72**	0.035 U	0.040 U
SW8260	Isopropylbenzene	mg/kg	2100		**9.5**	0.34 U	0.035 U	0.040 U
SW8260	Methyl acetate	mg/kg	78000		23 U	2.3 U	0.23 U	0.26 U
SW8260	Methyl tert-butyl ether	mg/kg	43		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	Methylcyclohexane	mg/kg	NA		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	Methylene chloride	mg/kg	11		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	Styrene	mg/kg	6300		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	Tetrachloroethene	mg/kg	0.55		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	Toluene	mg/kg	5000		**25**	0.34 U	0.035 U	0.040 U
SW8260	trans-1,2-Dichloroethene	mg/kg	150		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	trans-1,3-Dichloropropene	mg/kg	NA		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	Trichloroethene	mg/kg	0.91		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	Trichlorofluoromethane	mg/kg	790		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	Vinyl chloride	mg/kg	0.06		3.4 U	0.34 U	0.035 U	0.040 U
SW8260	Xylenes, Total	mg/kg	630		**3300**	**6.7**	0.10 U	0.12 U

TABLE 3
SUBSURFACE SOIL SAMPLE ANALYTICAL RESULTS
CLYDE PAINT AND SUPPLY COMPANY SITE
CLYDE, SANDUSKY COUNTY, OHIO

Analytical Method	Analytical Parameter	Unit	Screening Criterion	Location ID	CD-B01	CD-B02	CD-B03	CD-B04
				Field Sample ID	CD-B01-S01-061512	CD-B02-S01-061512	CD-B03-S01-061512	CD-B04-S01-061512
				Sampling Date	6/15/2012	6/15/2012	6/15/2012	6/15/2012
				Sampling Depth (feet bgs)	0-2	6-8	6-8	1-3
					Result			
SVOCs [1]								
SW8270	1,1-Biphenyl	mg/kg	51		3.7 U	0.37 U	0.37 U	0.43 U
SW8270	2,4,5-Trichlorophenol	mg/kg	6100		1.8 U	0.18 U	0.18 U	0.21 U
SW8270	2,4,6-Trichlorophenol	mg/kg	44		1.8 U	0.18 U	0.18 U	0.21 U
SW8270	2,4-Dichlorophenol	mg/kg	180		1.8 U	0.18 U	0.18 U	0.21 U
SW8270	2,4-Dimethylphenol	mg/kg	1200		3.7 U	0.37 U	0.37 U	0.43 U
SW8270	2,4-Dinitrophenol	mg/kg	120		7.4 U	0.74 U	0.75 U	0.86 U
SW8270	2,4-Dinitrotoluene	mg/kg	1.6		1.8 U	0.18 U	0.18 U	0.21 U
SW8270	2,6-Dinitrotoluene	mg/kg	61		1.8 U	0.18 U	0.18 U	0.21 U
SW8270	2-Chloronaphthalene	mg/kg	6300		0.89 U	0.09 U	0.091 U	0.10 U
SW8270	2-Chlorophenol	mg/kg	390		1.8 U	0.18 U	0.18 U	0.21 U
SW8270	2-Methylnaphthalene	mg/kg	310		0.89 U	0.09 U	0.091 U	0.10 U
SW8270	2-Nitroaniline	mg/kg	610		7.4 U	0.74 U	0.75 U	0.86 U
SW8270	2-Nitrophenol	mg/kg	NA		1.8 U	0.18 U	0.18 U	0.21 U
SW8270	3,3-Dichlorobenzidine	mg/kg	1.1		7.4 U	0.74 U	0.75 U	0.86 U
SW8270	3-Nitroaniline	mg/kg	NA		7.4 U	0.74 U	0.75 U	0.86 U
SW8270	4,6-Dinitro-2-methylphenol	mg/kg	4.9		3.7 U	0.37 U	0.37 U	0.43 U
SW8270	4-Bromophenyl phenyl ether	mg/kg	NA		1.8 U	0.18 U	0.18 U	0.21 U
SW8270	4-Chloro-3-methylphenol	mg/kg	6100		1.8 U	0.18 U	0.18 U	0.21 U
SW8270	4-Chloroaniline	mg/kg	2.4		7.4 U	0.74 U	0.75 U	0.86 U
SW8270	4-Chlorophenyl phenyl ether	mg/kg	NA		1.8 U	0.18 U	0.18 U	0.21 U
SW8270	4-Nitroaniline	mg/kg	24		7.4 U	0.74 U	0.75 U	0.86 U
SW8270	4-Nitrophenol	mg/kg	NA		7.4 U	0.74 U	0.75 U	0.86 U
SW8270	Acenaphthene	mg/kg	3400		0.34 U	0.034 U	0.034 U	0.039 U
SW8270	Acenaphthylene	mg/kg	NA		0.34 U	0.034 U	0.034 U	0.039 U
SW8270	Acetophenone	mg/kg	7800		3.7 U	0.37 U	0.37 U	0.43 U
SW8270	Anthracene	mg/kg	17000		0.34 U	0.034 U	0.034 U	0.039 U
SW8270	Atrazine	mg/kg	2.1		3.7 U	0.37 U	0.37 U	0.43 U
SW8270	Benzaldehyde	mg/kg	7800		3.7 U	0.37 U	0.37 U	0.43 U
SW8270	Benzo(a)anthracene	mg/kg	0.15		**0.47**	0.034 U	0.034 U	0.039 U
SW8270	Benzo(a)pyrene	mg/kg	0.015		**0.47**	0.034 U	0.034 U	0.039 U
SW8270	Benzo(b)fluoranthene	mg/kg	0.15		**0.66**	0.034 U	0.034 U	0.039 U
SW8270	Benzo(g,h,i)perylene	mg/kg	NA		**0.43**	0.034 U	0.034 U	0.039 U
SW8270	Benzo(k)fluoranthene	mg/kg	1.5		0.34 U	0.034 U	0.034 U	0.039 U
SW8270	Bis(2-chloroethoxy)methane	mg/kg	180		1.8 U	0.18 U	0.18 U	0.21 U
SW8270	Bis(2-chloroethyl)ether	mg/kg	0.21		1.8 U	0.18 U	0.18 U	0.21 U
SW8270	Bis(2-chloroisopropyl)ether	mg/kg	4.6		1.8 U	0.18 U	0.18 U	0.21 U
SW8270	Bis(2-ethylhexyl)phthalate	mg/kg	35		3.7 U	0.37 U	0.37 U	0.43 U
SW8270	Butyl benzyl phthalate	mg/kg	260		1.8 U	0.18 U	0.18 U	0.21 U
SW8270	Caprolactam	mg/kg	31000		3.7 U	0.37 U	0.37 U	0.43 U
SW8270	Carbazole	mg/kg	NA		1.8 U	0.18 U	0.18 U	0.21 U
SW8270	Chrysene	mg/kg	15		**0.5**	**0.035**	0.034 U	0.039 U
SW8270	Dibenzo(a,h)anthracene	mg/kg	0.015		0.34 U	0.034 U	0.034 U	0.039 U
SW8270	Dibenzofuran	mg/kg	78		1.8 U	0.18 U	0.18 U	0.21 U
SW8270	Diethyl phthalate	mg/kg	49000		3.7 U	0.37 U	0.37 U	0.43 U
SW8270	Dimethyl phthalate	mg/kg	NA		3.7 U	0.37 U	0.37 U	0.43 U
SW8270	Di-n-butyl phthalate	mg/kg	6100		3.7 U	0.37 U	18 U	0.43 U
SW8270	Di-n-octyl phthalate	mg/kg	NA		1.8 U	0.18 U	0.37 U	0.21 U
SW8270	Fluoranthene	mg/kg	2300		**1.1**	0.034 U	0.034 U	0.039 U

TABLE 3
SUBSURFACE SOIL SAMPLE ANALYTICAL RESULTS
CLYDE PAINT AND SUPPLY COMPANY SITE
CLYDE, SANDUSKY COUNTY, OHIO

Analytical Method	Analytical Parameter	Unit	Screening Criterion	Location ID	CD-B01	CD-B02	CD-B03	CD-B04
				Field Sample ID	CD-B01-S01-061512	CD-B02-S01-061512	CD-B03-S01-061512	CD-B04-S01-061512
				Sampling Date	6/15/2012	6/15/2012	6/15/2012	6/15/2012
				Sampling Depth (feet bgs)	0-2	6-8	6-8	1-3
					Result			
SW8270	Fluorene	mg/kg	2300		0.34 U	0.034 U	0.034 U	0.039 U
SW8270	Hexachloro-1,3-butadiene	mg/kg	6.2		0.10 U	0.18 U	0.18 U	0.21 U
SW8270	Hexachlorobenzene	mg/kg	NA		1.8 U	0.18 U	0.18 U	0.21 U
SW8270	Hexachlorocyclopentadiene	mg/kg	370		1.8 U	0.37 U	0.37 U	0.43 U
SW8270	Hexachloroethane	mg/kg	12		1.8 U	0.18 U	0.18 U	0.21 U
SW8270	Indeno(1,2,3-cd)pyrene	mg/kg	0.15		**0.36**	0.034 U	0.034 U	0.039 U
SW8270	Isophorone	mg/kg	510		1.8 U	0.18 U	0.18 U	0.21 U
SW8270	Naphthalene	mg/kg	3.6		**0.53**	0.034 U	0.034 U	0.039 U
SW8270	Nitrobenzene	mg/kg	4.8		1.8 U	0.18 U	0.18 U	0.21 U
SW8270	N-Nitrosodi-n-propylamine	mg/kg	0.069		1.8 U	0.18 U	0.18 U	0.21 U
SW8270	N-Nitrosodiphenylamine	mg/kg	99		1.8 U	0.18 U	0.18 U	0.21 U
SW8270	o-Cresol	mg/kg	3100		0.18 U	0.18 U	0.18 U	0.18 U
SW8270	p-Cresol	mg/kg	310		0.18 U	0.18 U	0.18 U	0.18 U
SW8270	Pentachlorophenol	mg/kg	0.89		3.7 U	0.37 U	0.37 U	0.43 U
SW8270	Phenanthrene	mg/kg	NA		**0.72**	**0.039**	0.034 U	0.039 U
SW8270	Phenol	mg/kg	18000		1.8 U	0.18 U	0.18 U	0.21 U
SW8270	Pyrene	mg/kg	1700		**1**	0.034 U	0.034 U	0.039 U
TAL Metals [1]								
SW6020A	Aluminum	mg/kg	77000		**3200**	**5600**	**4700**	**8600**
SW6020A	Antimony	mg/kg	13.197 [2]		**2.3**	0.81 U	0.91 U	0.91 U
SW6020A	Arsenic	mg/kg	0.39		**2.1**	**13**	**11**	**6.5**
SW6020A	Barium	mg/kg	15000		**170**	**30**	**18**	**38**
SW6020A	Beryllium	mg/kg	160		0.31 U	0.33 U	0.36 U	0.36 U
SW6020A	Boron	mg/kg	16000		**3.7**	**6**	**5.3**	**6.2**
SW6020A	Cadmium	mg/kg	70		**1.4**	0.33 U	**0.36**	0.36 U
SW6020A	Calcium	mg/kg	NA		**56000**	**35000**	**34000**	**8500**
SW6020A	Chromium	mg/kg	NA		**46**	**8.8**	**7.5**	**14**
SW6020A	Cobalt	mg/kg	23		**3.6**	**8**	**6.6**	**9.6**
SW6020A	Copper	mg/kg	3100		**9.8**	**19**	**20**	**19**
SW7196A	Chromium, Hexavalent	mg/kg	0.29		**45**	0.56 U	0.57 U	0.65 U
SW6020A	Iron	mg/kg	55000		**8200**	**22000**	**21000**	**21000**
SW6020A	Lead	mg/kg	400		**260**	**12**	**9.9**	**12**
SW6020A	Magnesium	mg/kg	NA		**26000**	**10000**	**9000**	**4200**
SW6020A	Manganese	mg/kg	1800		**110**	**340**	**370**	**320**
SW7471	Mercury	mg/kg	10		**0.079**	0.021 U	0.018 U	0.025 U
SW6020A	Nickel	mg/kg	1500		**6.3**	**19**	**17**	**23**
SW6020A	Potassium	mg/kg	NA		**410**	**1300**	**1200**	**1600**
SW6020A	Selenium	mg/kg	390		0.77 U	**0.89**	0.91 U	0.91 U
SW6020A	Silver	mg/kg	390		0.77 U	0.91 U	0.91 U	0.91 U
SW6020A	Sodium	mg/kg	NA		**56**	**100**	**97**	**76**
SW6020A	Thallium	mg/kg	0.78		0.77 U	0.81 U	0.91 U	0.91 U
SW6020A	Vanadium	mg/kg	NA		**6.9**	**13**	0.91 U	**16**
SW6020A	Zinc	mg/kg	23000		**4700**	**64**	**70**	**65**
Pesticides and Herbicides [1]								
SW8151	2,4,5-T	mg/kg	610		0.0056 U	0.0055 U	0.0057 U	0.0066 U
SW8151	2,4,5-TP (Silvex)	mg/kg	490		0.011 U	0.011 U	0.011 U	0.013 U
SW8151	2,4-D	mg/kg	690		0.0056 U	0.0055 U	0.0057 U	0.0066 U
SW8081	4,4-DDD	mg/kg	2		0.11 U	0.011 U	0.11 U	0.13 U
SW8081	4,4-DDE	mg/kg	1.4		0.11 U	0.011 U	0.11 U	0.13 U

TABLE 3
SUBSURFACE SOIL SAMPLE ANALYTICAL RESULTS
CLYDE PAINT AND SUPPLY COMPANY SITE
CLYDE, SANDUSKY COUNTY, OHIO

Analytical Method	Analytical Parameter	Unit	Screening Criterion	Location ID	CD-B01	CD-B02	CD-B03	CD-B04
				Field Sample ID	CD-B01-S01-061512	CD-B02-S01-061512	CD-B03-S01-061512	CD-B04-S01-061512
				Sampling Date	6/15/2012	6/15/2012	6/15/2012	6/15/2012
				Sampling Depth (feet bgs)	0-2	6-8	6-8	1-3
					Result			
SW8081	4,4-DDT	mg/kg	1.7		0.11 U	0.011 U	0.11 U	0.13 U
SW8081	Aldrin	mg/kg	0.029		0.11 U	0.011 U	0.11 U	0.13 U
SW8081	alpha-BHC	mg/kg	0.077		0.11 U	0.011 U	0.11 U	0.13 U
SW8081	alpha-Chlordane	mg/kg	NA		0.11 U	0.011 U	0.11 U	0.13 U
SW8081	beta-BHC	mg/kg	0.27		0.11 U	0.011 U	0.11 U	0.13 U
SW8081	Chlordane, Technical	mg/kg	NA		0.28 U	0.027 U	0.11 U	0.032 U
SW8081	delta-BHC	mg/kg	NA		0.11 U	0.011 U	0.11 U	0.13 U
SW8081	Dieldrin	mg/kg	0.03		0.11 U	0.011 U	0.11 U	0.13 U
SW8081	Endosulfan I	mg/kg	NA		0.11 U	0.011 U	0.11 U	0.13 U
SW8081	Endosulfan II	mg/kg	NA		0.11 U	0.011 U	0.11 U	0.13 U
SW8081	Endosulfan sulfate	mg/kg	NA		0.11 U	0.011 U	0.11 U	0.13 U
SW8081	Endrin	mg/kg	18		0.11 U	0.011 U	0.11 U	0.13 U
SW8081	Endrin aldehyde	mg/kg	NA		0.11 U	0.011 U	0.11 U	0.13 U
SW8081	Endrin ketone	mg/kg	NA		0.11 U	0.011 U	0.11 U	0.13 U
SW8081	gamma-BHC (Lindane)	mg/kg	0.52		0.11 U	0.011 U	0.11 U	0.13 U
SW8081	gamma-Chlordane	mg/kg	NA		0.11 U	0.011 U	0.11 U	0.13 U
SW8081	Heptachlor	mg/kg	0.11		0.11 U	0.011 U	0.11 U	0.13 U
SW8081	Heptachlor epoxide	mg/kg	0.053		0.11 U	0.011 U	0.11 U	0.13 U
SW8081	Methoxychlor	mg/kg	310		0.11 U	0.011 U	0.11 U	0.13 U
SW8081	Toxaphene	mg/kg	0.44		0.67 U	0.065 U	0.065 U	0.076 U
	PCBs [1]							
SW8082	Aroclor 1016	mg/kg	3.9		0.045 U	0.043 U	0.043 U	0.051 U
SW8082	Aroclor 1221	mg/kg	0.14		0.045 U	0.043 U	0.043 U	0.051 U
SW8082	Aroclor 1232	mg/kg	0.14		0.045 U	0.043 U	0.043 U	0.051 U
SW8082	Aroclor 1242	mg/kg	0.22		0.045 U	0.043 U	0.043 U	0.051 U
SW8082	Aroclor 1248	mg/kg	0.22		0.045 U	0.043 U	0.043 U	0.051 U
SW8082	Aroclor 1254	mg/kg	0.22		**2.0**	**0.40**	**0.18**	**0.34**
SW8082	Aroclor 1260	mg/kg	0.22		0.045 U	0.043 U	0.043 U	0.051 U
	TCLP VOCs, SVOCs, Pesticides, and Herbicides [3]							
SW8260	1,1-Dichloroethene, TCLP	mg/L	0.7		0.020 U	0.020 U	0.020 U	0.020 U
SW8260	1,2-Dichloroethane, TCLP	mg/L	0.5		0.020 U	0.020 U	0.020 U	0.020 U
SW8270	1,4-Dichlorobenzene, TCLP	mg/L	7.5		0.10 U	0.10 U	0.10 U	0.10 U
SW8270	2,4,6-Trichlorophenol, TCLP	mg/L	2		0.10 U	0.10 U	0.10 U	0.10 U
SW8270	2,4,5-Trichlorophenol, TCLP	mg/L	400		0.10 U	0.10 U	0.10 U	0.10 U
SW8151	2,4,5-TP (Silvex), TCLP	mg/L	1		0.0050 U	0.0050 U	0.0050 U	0.0050 U
SW8151	2,4-D, TCLP	mg/L	10		0.0050 U	0.0050 U	0.0050 U	0.0050 U
SW8270	2,4-Dinitrotoluene, TCLP	mg/L	0.13		0.10 U	0.10 U	0.10 U	0.10 U
SW8260	2-Butanone, TCLP	mg/L	200		0.20 U	0.20 U	0.20 U	0.20 U
SW8260	Benzene, TCLP	mg/L	0.5		0.020 U	0.020 U	0.020 U	0.020 U
SW8260	Carbon tetrachloride, TCLP	mg/L	0.5		0.020 U	0.020 U	0.020 U	0.020 U
SW8081	Chlordane, Technical, TCLP	mg/L	0.03		0.0050 U	0.0050 U	0.0050 U	0.0050 U
SW8260	Chlorobenzene, TCLP	mg/L	100		0.020 U	0.020 U	0.020 U	0.020 U
SW8260	Chloroform, TCLP	mg/L	6		0.020 U	0.020 U	0.020 U	0.020 U
SW8081	Endrin, TCLP	mg/L	0.02		0.00050 U	0.00050 U	0.00050 U	0.00050 U
SW8081	gamma-BHC (Lindane), TCLP	mg/L	0.4		0.000250 U	0.000250 U	0.000250 U	0.000250 U
SW8081	Heptachlor, TCLP	mg/L	0.008		0.000250 U	0.000250 U	0.000250 U	0.000250 U
SW8270	Hexachloro-1,3-butadiene, TCLP	mg/L	0.5		0.10 U	0.10 U	0.10 U	0.10 U
SW8270	Hexachlorobenzene, TCLP	mg/L	NA		0.10 U	0.10 U	0.10 U	0.10 U
SW8270	Hexachloroethane, TCLP	mg/L	3		0.10 U	0.10 U	0.10 U	0.10 U

TABLE 3
SUBSURFACE SOIL SAMPLE ANALYTICAL RESULTS
CLYDE PAINT AND SUPPLY COMPANY SITE
CLYDE, SANDUSKY COUNTY, OHIO

Analytical Method	Analytical Parameter	Unit	Screening Criterion	Location ID	CD-B01	CD-B02	CD-B03	CD-B04
				Field Sample ID	CD-B01-S01-061512	CD-B02-S01-061512	CD-B03-S01-061512	CD-B04-S01-061512
				Sampling Date	6/15/2012	6/15/2012	6/15/2012	6/15/2012
				Sampling Depth (feet bgs)	0-2	6-8	6-8	1-3
					Result			
SW8270	m-Cresol, TCLP	mg/L	200		0.10 U	0.10 U	0.10 U	0.10 U
SW8081	Methoxychlor, TCLP	mg/L	10		0.00250 U	0.00250 U	0.00250 U	0.00250 U
SW8270	Nitrobenzene, TCLP	mg/L	2		0.10 U	0.10 U	0.10 U	0.10 U
SW8270	o-Cresol, TCLP	mg/L	200		0.10 U	0.10 U	0.10 U	0.10 U
SW8270	p-Cresol, TCLP	mg/L	200		0.10 U	0.10 U	0.10 U	0.10 U
SW8270	Pentachlorophenol, TCLP	mg/L	100		0.40 U	0.40 U	0.40 U	0.40 U
SW8270	Pyridine, TCLP	mg/L	5		0.40 U	0.40 U	0.40 U	0.40 U
SW8260	Tetrachloroethene, TCLP	mg/L	0.7		0.020 U	0.020 U	0.020 U	0.020 U
SW8081	Toxaphene, TCLP	mg/L	0.5		0.020 U	0.020 U	0.020 U	0.020 U
SW8260	Trichloroethene, TCLP	mg/L	0.5		0.020 U	0.020 U	0.020 U	0.020 U
SW8260	Vinyl chloride, TCLP	mg/L	0.2		0.020 U	0.020 U	0.020 U	0.020 U
TCLP Metals [3]								
SW6020A	Arsenic, TCLP	mg/L	5		**0.0095**	0.010 U	0.010 U	0.010 U
SW6020A	Barium, TCLP	mg/L	100		**1.4**	**0.53**	**0.28**	**0.62**
SW6020A	Cadmium, TCLP	mg/L	1		**0.048**	**0.00058**	**0.00049**	**0.0029**
SW6020A	Chromium, TCLP	mg/L	5		**0.0053**	**0.0024**	**0.0022**	**0.0026**
SW6020A	Lead, TCLP	mg/L	5		**0.45**	**0.0029**	**0.002**	**0.0058**
SW7470A	Mercury, TCLP	mg/L	0.2		0.0020 U	0.0020 U	0.0020 U	0.0020 U
SW6020A	Selenium, TCLP	mg/L	1		**0.0081**	0.0020 U	0.0020 U	0.0020 U
SW6020A	Silver, TCLP	mg/L	5		0.0050 U	0.0050 U	0.0050 U	0.0050 U

Notes:

Bold results exceed laboratory reporting limits.

Bold and highlighted results exceed the screening criteria.

CFR = *Code of Federal Regulations*
ID = Identification
mg/kg = Milligram per kilogram
mg/L = Milligram per liter
NA = Not available
PCB = Polychlorinated biphenyl
RSL = Regional Screening Level
SVOC = Semivolatile organic compound
TAL = Target Analyte List
TCLP = Toxicity Characteristic Leaching Procedure
U = Not detected at indicated method detection limit
U.S. EPA = United States Environmental Protection Agency
VOC = Volatile organic compound

1 Screening criteria are U.S. EPA RSLs (formerly preliminary remediation goals) listed in Residential Soil Table dated November 2011.
2 Screening criterion is U.S. Geological Survey average concentration of arsenic in Sandusky County, Ohio.
3 Screening criteria are from 40 CFR 261.24, Table 1 – Maximum Concentration of Contaminants for the Toxicity Characteristic.

TABLE 4
GROUNDWATER SAMPLE ANALYTICAL RESULTS
CLYDE PAINT AND SUPPLY COMPANY SITE
CLYDE, SANDUSKY COUNTY, OHIO

Analytical Method	Analytical Parameter		Location ID	CP-B01
			Field Sample ID	CP-B01-W01-061812
			Sampling Date	6/18/2012
			Screened Interval (feet bgs)	2-12
		Unit	Screening Criterion	Result
VOCs [1]				
SW8260	1,1,2,2-Tetrachloroethane	mg/L	NA	0.0050 U
SW8260	1,1,1-Trichloroethane	mg/L	0.2	0.0050 U
SW8260	1,1,2-Trichloroethane	mg/L	0.005	0.0050 U
SW8260	1,1,2-Trichlorotrifluoroethane	mg/L	NA	0.0050 U
SW8260	1,1-Dichloroethane	mg/L	NA	0.0050 U
SW8260	1,1-Dichloroethene	mg/L	0.007	0.0050 U
SW8260	1,2,4-Trichlorobenzene	mg/L	0.07	0.0050 U
SW8260	1,2-Dibromo-3-chloropropane	mg/L	0.0002	0.0050 U
SW8260	1,2-Dibromoethane	mg/L	0.00005	0.0050 U
SW8260	1,2-Dichlorobenzene	mg/L	0.6	0.0050 U
SW8260	1,2-Dichloroethane	mg/L	0.005	0.0050 U
SW8260	1,2-Dichloropropane	mg/L	0.005	0.010 U
SW8260	1,3-Dichlorobenzene	mg/L	NA	0.010 U
SW8260	1,4-Dichlorobenzene	mg/L	0.075	0.010 U
SW8260	2-Butanone	mg/L	NA	0.0054
SW8260	2-Hexanone	mg/L	NA	0.025 U
SW8260	4-Methyl-2-pentanone	mg/L	NA	0.025 U
SW8260	Acetone	mg/L	NA	0.011
SW8260	Benzene	mg/L	0.005	**0.017**
SW8260	Bromodichloromethane	mg/L	0.08	0.0050 U
SW8260	Bromoform	mg/L	0.08	0.0050 U
SW8260	Bromomethane	mg/L	NA	0.0050 U
SW8260	Carbon disulfide	mg/L	NA	0.012 U
SW8260	Carbon tetrachloride	mg/L	0.005	0.0050 U
SW8260	Chlorobenzene	mg/L	0.1	0.0050 U
SW8260	Chloroethane	mg/L	NA	0.0050 U
SW8260	Chloroform	mg/L	0.08	0.0050 U
SW8260	Chloromethane	mg/L	NA	0.0050 U
SW8260	cis-1,2-Dichloroethene	mg/L	0.07	0.029
SW8260	cis-1,3-Dichloropropene	mg/L	NA	0.0050 U
SW8260	Cyclohexane	mg/L	NA	0.025 U
SW8260	Dibromochloromethane	mg/L	0.08	0.0050 U
SW8260	Dichlorodifluoromethane	mg/L	NA	0.0050 U
SW8260	Ethylbenzene	mg/L	0.7	**3.3**
SW8260	Isopropylbenzene	mg/L	NA	0.072
SW8260	Methyl acetate	mg/L	NA	0.015
SW8260	Methyl tert-butyl ether	mg/L	NA	0.025 U
SW8260	Methylcyclohexane	mg/L	NA	0.0054
SW8260	Methylene chloride	mg/L	0.005	0.025 U
SW8260	Styrene	mg/L	0.1	0.0050 U
SW8260	Tetrachloroethene	mg/L	0.005	0.010 U
SW8260	Toluene	mg/L	1	0.95
SW8260	trans-1,2-Dichloroethene	mg/L	0.1	0.0050 U
SW8260	trans-1,3-Dichloropropene	mg/L	NA	0.0050 U
SW8260	Trichloroethene	mg/L	0.005	**0.0082**
SW8260	Trichlorofluoromethane	mg/L	NA	0.0050 U
SW8260	Vinyl chloride	mg/L	0.002	**0.012**
SW8260	Xylenes, Total	mg/L	10	**29**

TABLE 4
GROUNDWATER SAMPLE ANALYTICAL RESULTS
CLYDE PAINT AND SUPPLY COMPANY SITE
CLYDE, SANDUSKY COUNTY, OHIO

Analytical Method	Analytical Parameter		Location ID	CP-B01
			Field Sample ID	CP-B01-W01-061812
			Sampling Date	6/18/2012
			Screened Interval (feet bgs)	2-12
		Unit	Screening Criterion	Result
SVOCs [1]				
SW8270	1,1-Biphenyl	mg/L	NA	0.0050 U
SW8270	2,4,5-Trichlorophenol	mg/L	NA	0.0050 U
SW8270	2,4,6-Trichlorophenol	mg/L	NA	0.0050 U
SW8270	2,4-Dichlorophenol	mg/L	NA	0.010 U
SW8270	2,4-Dimethylphenol	mg/L	NA	0.17
SW8270	2,4-Dinitrophenol	mg/L	NA	0.0050 U
SW8270	2,4-Dinitrotoluene	mg/L	NA	0.0050 U
SW8270	2,6-Dinitrotoluene	mg/L	NA	0.0050 U
SW8270	2-Chloronaphthalene	mg/L	NA	0.0050 U
SW8270	2-Chlorophenol	mg/L	NA	0.0050 U
SW8270	2-Methylnaphthalene	mg/L	NA	0.0050 U
SW8270	2-Nitroaniline	mg/L	NA	0.020 U
SW8270	2-Nitrophenol	mg/L	NA	0.0050 U
SW8270	3,3-Dichlorobenzidine	mg/L	NA	0.0050 U
SW8270	3-Nitroaniline	mg/L	NA	0.020 U
SW8270	4,6-Dinitro-2-methylphenol	mg/L	NA	0.020 U
SW8270	4-Bromophenyl phenyl ether	mg/L	NA	0.0050 U
SW8270	4-Chloro-3-methylphenol	mg/L	NA	0.0050 U
SW8270	4-Chloroaniline	mg/L	NA	0.020 U
SW8270	4-Chlorophenyl phenyl ether	mg/L	NA	0.0050 U
SW8270	4-Nitroaniline	mg/L	NA	0.020 U
SW8270	4-Nitrophenol	mg/L	NA	0.020 U
SW8270	Acenaphthene	mg/L	NA	0.0050 U
SW8270	Acenaphthylene	mg/L	NA	0.0050 U
SW8270	Acetophenone	mg/L	NA	0.01
SW8270	Anthracene	mg/L	NA	0.0050 U
SW8270	Atrazine	mg/L	0.003	0.010 U
SW8270	Benzaldehyde	mg/L	NA	0.013
SW8270	Benzo(a)anthracene	mg/L	NA	0.0050 U
SW8270	Benzo(a)pyrene	mg/L	0.0002	0.0050 U
SW8270	Benzo(b)fluoranthene	mg/L	NA	0.0050 U
SW8270	Benzo(g,h,i)perylene	mg/L	NA	0.0050 U
SW8270	Benzo(k)fluoranthene	mg/L	NA	0.0050 U
SW8270	Bis(2-chloroethoxy)methane	mg/L	NA	0.0050 U
SW8270	Bis(2-chloroethyl)ether	mg/L	NA	0.0050 U
SW8270	Bis(2-chloroisopropyl)ether	mg/L	NA	0.0050 U
SW8270	Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0050 U
SW8270	Butyl benzyl phthalate	mg/L	NA	0.0050 U
SW8270	Caprolactam	mg/L	NA	0.010 U
SW8270	Carbazole	mg/L	NA	0.010 U
SW8270	Chrysene	mg/L	NA	0.0050 U
SW8270	Dibenzo(a,h)anthracene	mg/L	NA	0.0050 U
SW8270	Dibenzofuran	mg/L	NA	0.0050 U
SW8270	Diethyl phthalate	mg/L	NA	0.020 U
SW8270	Dimethyl phthalate	mg/L	NA	0.020 U
SW8270	Di-n-butyl phthalate	mg/L	NA	0.0050 U
SW8270	Di-n-octyl phthalate	mg/L	NA	0.0050 U
SW8270	Fluoranthene	mg/L	NA	0.0050 U

TABLE 4
GROUNDWATER SAMPLE ANALYTICAL RESULTS
CLYDE PAINT AND SUPPLY COMPANY SITE
CLYDE, SANDUSKY COUNTY, OHIO

Analytical Method	Analytical Parameter		Location ID	CP-B01
			Field Sample ID	CP-B01-W01-061812
			Sampling Date	6/18/2012
			Screened Interval (feet bgs)	2-12
		Unit	Screening Criterion	Result
SW8270	Fluorene	mg/L	NA	0.0050 U
SW8270	Hexachloro-1,3-butadiene	mg/L	NA	0.0050 U
SW8270	Hexachlorobenzene	mg/L	NA	0.0050 U
SW8270	Hexachlorocyclopentadiene	mg/L	0.05	0.020 U
SW8270	Hexachloroethane	mg/L	NA	0.0050 U
SW8270	Indeno(1,2,3-cd)pyrene	mg/L	NA	0.0050 U
SW8270	Isophorone	mg/L	NA	0.0050 U
SW8270	Naphthalene	mg/L	NA	0.016
SW8270	Nitrobenzene	mg/L	NA	0.0050 U
SW8270	N-Nitrosodi-n-propylamine	mg/L	NA	0.0050 U
SW8270	N-Nitrosodiphenylamine	mg/L	NA	0.0050 U
SW8270	o-Cresol	mg/L	NA	0.19
SW8270	p-Cresol	mg/L	NA	3.9
SW8270	Pentachlorophenol	mg/L	0.001	0.020 U
SW8270	Phenanthrene	mg/L	NA	0.0050 U
SW8270	Phenol	mg/L	NA	0.042
SW8270	Pyrene	mg/L	NA	0.005
TAL Metals [1]				
SW6020A	Aluminum	mg/L	NA	2.6
SW6020A	Antimony	mg/L	0.006	0.010 U
SW6020A	Arsenic	mg/L	0.01	**0.046**
SW6020A	Barium	mg/L	2	0.2
SW6020A	Beryllium	mg/L	0.004	0.0040 U
SW6020A	Boron	mg/L	NA	0.27
SW6020A	Cadmium	mg/L	NA	0.0040 U
SW6020A	Calcium	mg/L	NA	120
SW6020A	Chromium	mg/L	0.1	0.010 U
SW6020A	Cobalt	mg/L	NA	0.010 U
SW6020A	Copper	mg/L	1.3	0.010 U
SW6020A	Iron	mg/L	NA	49
SW6020A	Lead	mg/L	0.015	**0.034**
SW6020A	Magnesium	mg/L	NA	16
SW6020A	Manganese	mg/L	NA	0.6
SW7470	Mercury	mg/L	0.002	0.00020 U
SW6020A	Nickel	mg/L	NA	0.010 U
SW6020A	Potassium	mg/L	NA	7.1
SW6020A	Selenium	mg/L	0.05	0.010 U
SW6020A	Silver	mg/L	NA	0.010 U
SW6020A	Sodium	mg/L	NA	9.6
SW6020A	Thallium	mg/L	0.002	0.010 U
SW6020A	Vanadium	mg/L	NA	0.1010 U
SW6020A	Zinc	mg/L	NA	2.7
Pesticides and Herbicides [1]				
SW8151	2,4,5-T	mg/L	NA	0.0010 U
SW8151	2,4,5-TP (Silvex)	mg/L	0.05	0.0020 U
SW8151	2,4-D	mg/L	0.07	0.0020 U
SW8081	4,4-DDD	mg/L	NA	0.000020 U
SW8081	4,4-DDE	mg/L	NA	0.000020 U

TABLE 4
GROUNDWATER SAMPLE ANALYTICAL RESULTS
CLYDE PAINT AND SUPPLY COMPANY SITE
CLYDE, SANDUSKY COUNTY, OHIO

Analytical Method	Analytical Parameter		Location ID	CP-B01
			Field Sample ID	CP-B01-W01-061812
			Sampling Date	6/18/2012
			Screened Interval (feet bgs)	2-12
		Unit	Screening Criterion	Result
SW8081	4,4-DDT	mg/L	NA	0.000020 U
SW8081	Aldrin	mg/L	NA	0.000010 U
SW8081	alpha-BHC	mg/L	NA	0.000010 U
SW8081	alpha-Chlordane	mg/L	NA	0.000020 U
SW8081	beta-BHC	mg/L	NA	0.000010 U
SW8081	Chlordane, Technical	mg/L	NA	0.00050 U
SW8081	delta-BHC	mg/L	NA	0.000010 U
SW8081	Dieldrin	mg/L	NA	0.000020 U
SW8081	Endosulfan I	mg/L	NA	0.000020 U
SW8081	Endosulfan II	mg/L	NA	0.000020 U
SW8081	Endosulfan sulfate	mg/L	NA	0.000020 U
SW8081	Endrin	mg/L	0.002	0.000020 U
SW8081	Endrin aldehyde	mg/L	NA	0.000020 U
SW8081	Endrin ketone	mg/L	NA	0.000020 U
SW8081	gamma-BHC (Lindane)	mg/L	0.0002	0.000010 U
SW8081	gamma-Chlordane	mg/L	NA	0.000020 U
SW8081	Heptachlor	mg/L	0.0004	0.000010 U
SW8081	Heptachlor epoxide	mg/L	0.0002	0.000010 U
SW8081	Hexachlorobenzene	mg/L	NA	0.000010 U
SW8081	Methoxychlor	mg/L	0.04	0.000040 U
SW8081	Toxaphene	mg/L	0.003	0.0020 U
PCBs [1]				
SW8082	Aroclor 1016	mg/L	NA	0.00040 U
SW8082	Aroclor 1221	mg/L	NA	0.00040 U
SW8082	Aroclor 1232	mg/L	NA	0.00040 U
SW8082	Aroclor 1242	mg/L	NA	0.00040 U
SW8082	Aroclor 1248	mg/L	NA	0.00040 U
SW8082	Aroclor 1254	mg/L	NA	0.00040 U
SW8082	Aroclor 1260	mg/L	NA	0.00040 U
TCLP VOCs, SVOCs, Pesticides, and Herbicides [2]				
SW8260	1,1-Dichloroethene, TCLP	mg/L	0.7	0.020 U
SW8260	1,2-Dichloroethane, TCLP	mg/L	0.5	0.020 U
SW8270	1,4-Dichlorobenzene, TCLP	mg/L	7.5	0.10 U
SW8270	2,4,6-Trichlorophenol, TCLP	mg/L	2	0.10 U
SW8151	2,4,5-TP (Silvex), TCLP	mg/L	1	0.0050 U
SW8270	2,4,5-Trichlorophenol, TCLP	mg/L	400	0.10 U
SW8151	2,4-D, TCLP	mg/L	10	0.0050 U
SW8270	2,4-Dinitrotoluene, TCLP	mg/L	0.13	0.10 U
SW8260	2-Butanone, TCLP	mg/L	200	0.20 U
SW8260	Benzene, TCLP	mg/L	0.5	0.020 U
SW8260	Carbon tetrachloride, TCLP	mg/L	0.5	0.020 U
SW8081	Chlordane, Technical, TCLP	mg/L	0.03	0.0050 U
SW8260	Chlorobenzene, TCLP	mg/L	100	0.020 U
SW8260	Chloroform, TCLP	mg/L	6	0.020 U
SW8081	gamma-BHC (Lindane), TCLP	mg/L	0.4	0.00025 U
SW8081	Heptachlor, TCLP	mg/L	0.008	0.00025 U
SW8270	Hexachloro-1,3-butadiene, TCLP	mg/L	0.5	0.10 U

TABLE 4
GROUNDWATER SAMPLE ANALYTICAL RESULTS
CLYDE PAINT AND SUPPLY COMPANY SITE
CLYDE, SANDUSKY COUNTY, OHIO

Analytical Method	Analytical Parameter		Location ID	CP-B01
			Field Sample ID	CP-B01-W01-061812
			Sampling Date	6/18/2012
			Screened Interval (feet bgs)	2-12
		Unit	Screening Criterion	Result
SW8270	Hexachlorobenzene, TCLP	mg/L	NA	0.10 U
SW8270	Hexachloroethane, TCLP	mg/L	3	0.10 U
SW8270	m-Cresol, TCLP	mg/L	200	**3.9**
SW8081	Methoxychlor, TCLP	mg/L	10	0.0025 U
SW8270	Nitrobenzene, TCLP	mg/L	2	0.10 U
SW8270	o-Cresol, TCLP	mg/L	200	**0.19**
SW8270	p-Cresol, TCLP	mg/L	200	**3.9**
SW8270	Pentachlorophenol, TCLP	mg/L	100	0.40 U
SW8270	Pyridine, TCLP	mg/L	5	0.40 U
SW8260	Tetrachloroethene, TCLP	mg/L	0.7	0.020 U
SW8081	Toxaphene, TCLP	mg/L	0.5	0.020 U
SW8260	Trichloroethene, TCLP	mg/L	0.5	0.020 U
SW8260	Vinyl chloride, TCLP	mg/L	0.2	0.020 U
TCLP Metals [2]				
SW6020A	Arsenic, TCLP	mg/L	5	0.10 U
SW6020A	Barium, TCLP	mg/L	100	**0.092**
SW6020A	Cadmium, TCLP	mg/L	1	0.0020 U
SW6020A	Chromium, TCLP	mg/L	5	0.020 U
SW6020A	Lead, TCLP	mg/L	5	0.010 U
SW7470A	Mercury, TCLP	mg/L	0.2	0.0020 U
SW6020A	Selenium, TCLP	mg/L	1	0.020 U
SW6020A	Silver, TCLP	mg/L	5	0.0050 U
Ignitability (Flashpoint) [3]				
D93	Ignitability	°F	<140	>200
Corrosivity (pH) [4]				
SW9040	Corrosivity	SU	<2 or >12.5	6.64

Notes:

Bold results exceed laboratory reporting limits.

Bold and highlighted results exceed the screening criteria.

bgs = Below ground surface
CFR = *Code of Federal Regulations*
ID = Identification
MCL = Maximum Contaminant Level
mg/kg = Milligram per kilogram
mg/L = Milligram per liter
NA = Not available
PCB = Polychlorinated biphenyl
RSL = Regional Screening Level
SU = Standard unit
SVOC = Semivolatile organic compound
TAL = Target Analyte List
TCLP = Toxicity Characteristic Leaching Procedure
U = Not detected at indicated method detection limit
U.S. EPA = United States Environmental Protection Agency
VOC = Volatile organic compound

1 Screening criteria are U.S. EPA National Primary Drinking Water Regulations MCLs
2 Screening criteria are from 40 CFR 261.24, Table 1 – Maximum Concentration of Contaminants for the Toxicity
3 Screening criteria are from 40 CFR 261.21.
4 Screening criteria are from 40 CFR 261.22.

APPENDIX A
PHOTOGRAPHIC DOCUMENTATION

Site: Clyde Paint and Supply Company Site
Photograph No.: 1 **Date:** 5/13/12
Direction: Southeast **Photographer:** TJ McFarland
Subject: Front of Clyde Paint and Supply Company building

Site: Clyde Paint and Supply Company Site
Photograph No.: 2 **Date:** 5/13/12
Direction: East **Photographer:** TJ McFarland
Subject: Collapsed section of west side of Site building

Site: Clyde Paint and Supply Company Site
Photograph No.: 3 **Date:** 6/15/12
Direction: North **Photographer:** TJ McFarland
Subject: Fenced southern portion of Site and south end of Site building

Site: Clyde Paint and Supply Company Site
Photograph No.: 4 **Date:** 5/31/12
Direction: Not applicable (NA) **Photographer:** TJ McFarland
Subject: Sealed "Rust-Sele" 5-gallon pails inside Site building

Site: Clyde Paint and Supply Company Site
Photograph No.: 5 **Date:** 5/31/12
Direction: NA **Photographer:** TJ McFarland
Subject: Drums of used oil and unknown contents in Site building

Site: Clyde Paint and Supply Company Site
Photograph No.: 6 **Date:** 6/13/12
Direction: South **Photographer:** TJ McFarland
Subject: Fenced southern portion of Site, with large metal debris scattered throughout

Site: Clyde Paint and Supply Company Site
Photograph No.: 7 **Date:** 5/31/12
Direction: Southeast **Photographer:** TJ McFarland
Subject: Raccoon Creek along west Site boundary

Site: Clyde Paint and Supply Company Site
Photograph No.: 8 **Date:** 5/31/12
Direction: NA **Photographer:** TJ McFarland
Subject: Large outfall pipe on east bank of Raccoon Creek

Site: Clyde Paint and Supply Company Site
Photograph No.: 9 **Date:** 6/13/12
Direction: South **Photographer:** TJ McFarland
Subject: EM survey in fenced southern portion of Site

Site: Clyde Paint and Supply Company Site
Photograph No.: 10 **Date:** 6/15/12
Direction: North **Photographer:** TJ McFarland
Subject: Geoprobe soil boring west of Site building (boring location CP-B04)

Site: Clyde Paint and Supply Company Site
Photograph No.: 11 **Date:** 6/18/12
Direction: NA **Photographer:** TJ McFarland
Subject: Groundwater sample collection from temporary monitoring well west of Site building (boring location CP-B01)

APPENDIX B
GEOPHYSICAL SURVEY REPORT AND FIGURES

GEOPHYSICAL INVESTIGATION
Eastern Sandusky County Dumps SA
Clyde Paint and Supply Company Site
Clyde, Sandusky County, Ohio

Prepared for:

Weston Solutions, Inc.
600 E. Lakeshore Drive, Suite 200
Houghton, Michigan 49931
June 14, 2012

Prepared by:

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THG Project No. 770-4980a

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1.0 INTRODUCTION

1.1 BACKGROUND

Weston Solutions, Inc. contracted with THG Geophysics, Ltd. (THG) to image 3 alleged waste disposal facilities in and around Clyde, Ohio. The work scope of this geophysical investigation is to determine the presence of buried drums and waste.

Approximately 17 waste disposal sites had been identified by the EPA for further investigation. A previous investigation by THG imaged 11 of these sites (February 22, 2012). This report addresses the 3 additional sites. The sites imaged include the Clyde Paint and Supply Company Site (Figures 1, 3, and 4).

1.2 WORK SCOPE

The work scope consisted of imaging the subsurface of 3 alleged former waste placement sites using electromagnetic terrain conductivity (EM) mapping techniques. The Geonics EM-31 frequency-domain electromagnetic terrain conductivity meter (EM) was deployed to image to a depth of 21 feet below grade at 10 of the sites. The EM meter was integrated with a DGPS system (Trimble ProXR).

2.0 GEOPHYSICAL SURVEY

2.1 INTRODUCTION

Electromagnetic terrain conductivity (EM) surveys have been employed for landfill investigations for over 30 years (McNeill 1980). Advantages of an electromagnetic terrain conductivity survey include:

1. Excellent resolution in conductivity;
2. No current injection problems;
3. Simple multi-layered earth calculations;
4. Easy, rapid measurements.

Disadvantages of EM for exploratory investigations are few but include:

1. Limited dynamic range;
2. Setting and maintaining the instrument zero;
3. Limited vertical sounding capability.

EM surveys are principally used for landfill boundary detection (Mack and Maus, 1986; McQuown et al., 1991; Rumbaugh et al., 1987; Scaife, 1990; Stenson, 1988). McNeill (1990) contends that "...EM measurements will also undoubtedly be used to assist in locating new sanitary landfills..." (p.209).

2.2 THEORY

The terrain conductivity meter is used for the measurement of the electrical conductivity of subsurface soil, rock and ground water. The electrical conductivity (or its inverse, resistivity) is a function of the porosity, permeability and the fluids in the pore spaces (McNeill, 1980). In the landfill setting, the pore fluids dominate the measurement and thus the EM is an excellent tool for delineating buried waste, trench boundaries, drums and other metallic objects. The absolute values of conductivity obtained in a survey are not necessarily diagnostic but the variations in conductivity can be used to identify anomalies (Benson et al., 1988).

The EM method is further useful when integrated with a Global Positioning Unit (Trimble ProXRS) that provide for continuous measurement of the field position and terrain conductivity, thus increasing the survey size and scope while reducing costs over conventional soundings.

The EM tool consists of a transmitter coil that radiates an electromagnetic field. The electromagnetic field induces eddy currents in the earth that generate a secondary electromagnetic field proportional to the magnitude of the current flowing within the coil. Quadrature and in-phase components of the secondary magnetic field are captured by the receiver in the form of an output voltage that is linearly related to subsurface conductivity (McQuown et al., 1991). The quadrature phase component (terrain conductivity) is measured in milliSiemens/meter (mS/m) and provides a measurement of soil conductivity. The in-phase mode, measured in parts per thousand (ppt), is responsive to highly conductive, buried metallic objects (Geonics Limited, 1994).

The terrain conductivity value is an average conductivity of the effective depth of the survey tool. The effective depth is determined to be about 1.5 times the intercoil spacing (i.e., the distance between the receiving and the transmitting coils). The Geonics EM31-DL terrain conductivity meter, with an intercoil spacing of 13 feet, has an effective penetration depth of 21 feet in the vertical dipole mode (Geonics Limited, 1994). The tool measures the bulk conductivity of the entire skin depth specified by the intercoil spacing (21 feet for the EM31-DL). Consequently, the tool averages the response determined through the skin depth such that the response at a depth of 9 feet for the EM31-DL gives maximum contribution to the secondary magnetic field but that at 21 feet there is still a contribution to the bulk conductivity (McNeill, 1980). Near-surface material has a very small contribution to the secondary magnetic field and the orientation of the dipoles in a vertical coplanar fashion is insensitive to near-surface changes in conductivity.

Conductivity values of clayey-sandy soil typical of those found in the Clyde area are approximately 20 mS/m (Benson et al. 1988; McNeill 1980; Schutts and Nichols 1991). Fill materials have been observed to have a terrain conductivity of greater than 30 mS/m (McQuown et al., 1991; Hutchinson and Barta, 2000; Hutchinson and Barta, 2005, Hutchinson, 2006). Older or recalcitrant waste (construction and demolition debris, for example) tend to have low terrain conductivity values.

2.3 TOPOGRAPHIC NORMALIZATION

Topographic normalization of the terrain conductivity readings was determined to be unnecessary due to low topographic expression. This type of adjustment is not necessary for this type of survey.

2.4 QUALITY ASSURANCE AND QUALITY CONTROL

The interpretation of geophysically-generated data is not an exact science since the responses to induced disturbance is affected by many phenomena including buried metals, operator error, precipitation, and net changes in ground saturation conditions. Some sources of spurious data can be overcome through a QA/QC program and use of multiple geophysical methods. The quality control program employed with this study included frequent checks of the equipment and resurveys of lines and locations. The QA/QC program indicates that all geophysical equipment functioned as designed during the survey program.

3.0 GEOPHYSICAL INTERPRETATION

3.1 INTRODUCTION

EM data represent a response to the electrical conductivity of the skin depth of the tool. Several methodologies exist for presenting EM data including surface mapping and section profiling. Field data acquired for the survey were used to develop a terrain conductivity map for these areas (Figures 3 and 4). Background soil terrain conductivity was measured to be approximately 20 mS/m in the Clyde, Ohio area. The survey areas consisted of a variety of surface features and conditions. Each site will be described in subsequent sections.

The percolation of rainwater through organic waste and the degradation of organic material generate soluble and insoluble ions. These ions provide the elevated terrain conductivity to the leachate and waste (Figure 3). The in-phase terrain conductivity map is sensitive to ferrous and non-ferrous metals (Figure 4).

The interpretation of the presence of leachate (electrically conductive fluids) is also consistent with landfill footprints. Algorithms based upon published work (Hutchinson and Barta, 2000; Hutchinson, 2005) help with the determination of the presence of waste.

3.2 CLYDE PAINT & SUPPLY COMPANY

The Clyde Paint & Supply Company was reported to be a disposal area near Clyde, Ohio. The area of investigation included 1.1-acre facility, access road and woods (Figure 3). The conductivity is slightly elevated in several areas due to the presence of surface debris (Figure 3). Two ferrous-based anomalies are located within this area (Figure 4).

4.0 CONCLUSION

The findings and conclusions in this report are stated with a reasonable degree of scientific certainty. THG's findings and conclusions are as follows:

- The geophysical survey included EM methods and was completed on the 3 additional sites, including the Clyde Paint and Supply Company Site;
- None of the sites showed obvious signs of extensive waste placement;
- The Clyde Paint and Supply Company Site contained buried anomalies consistent with minor waste or metal burial (Figures 3 and 4).

Geophysical investigations are a non-invasive method of interpreting physical properties of the shallow earth using electrical, electromagnetic, or mechanical energy. This document contains geophysical interpretations of responses to induced or real-world phenomena. As such, the measured phenomenon may be impacted by variables not readily identified in the field that can result in a false-positive and/or false negative interpretation. THG makes no representations or warranties as to the accuracy of the interpretations.

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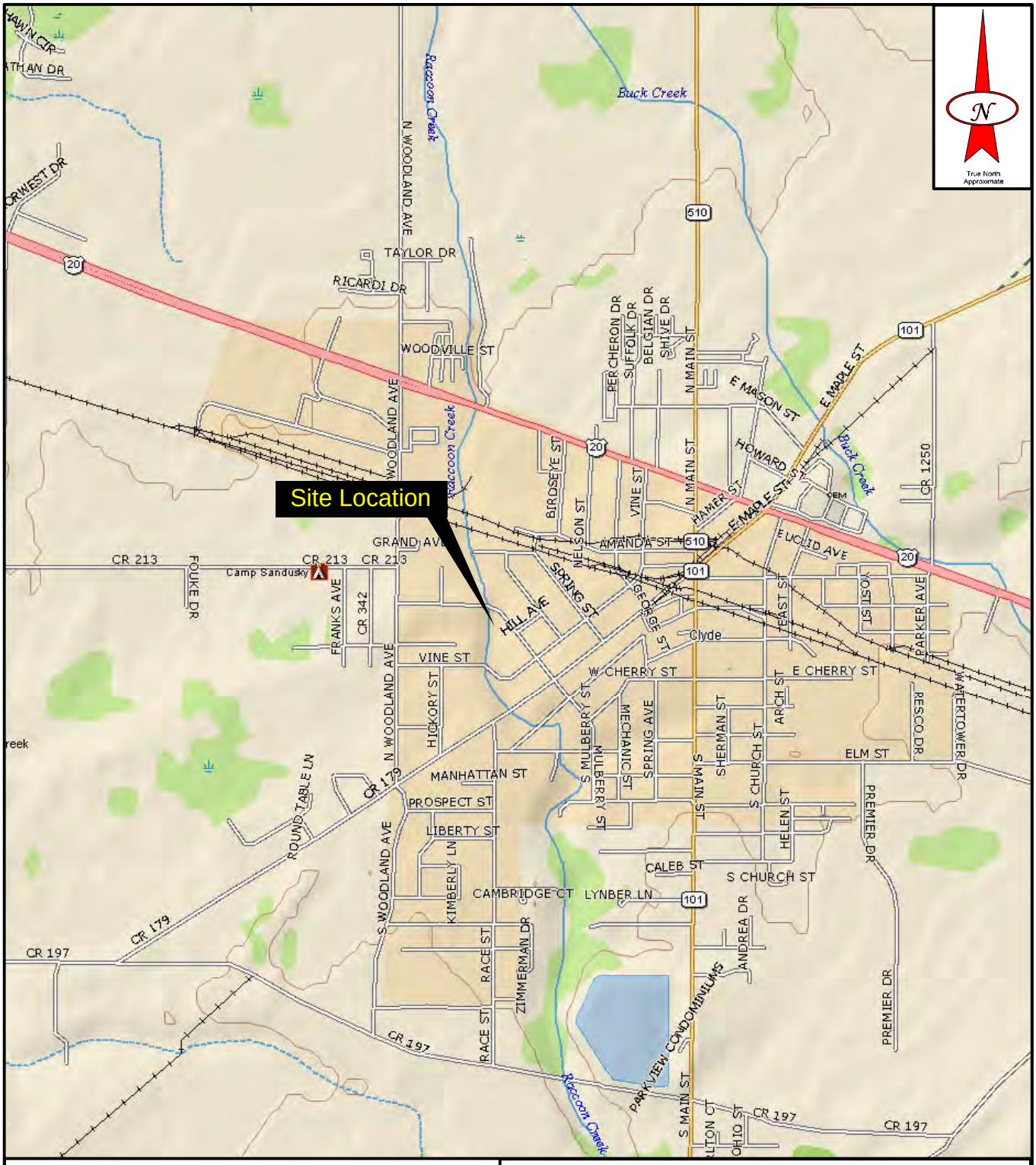

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Geophysical and Environmental Services

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Murrysville, Pennsylvania 15668
(724) 325-3996 Fax: (724) 733-7901

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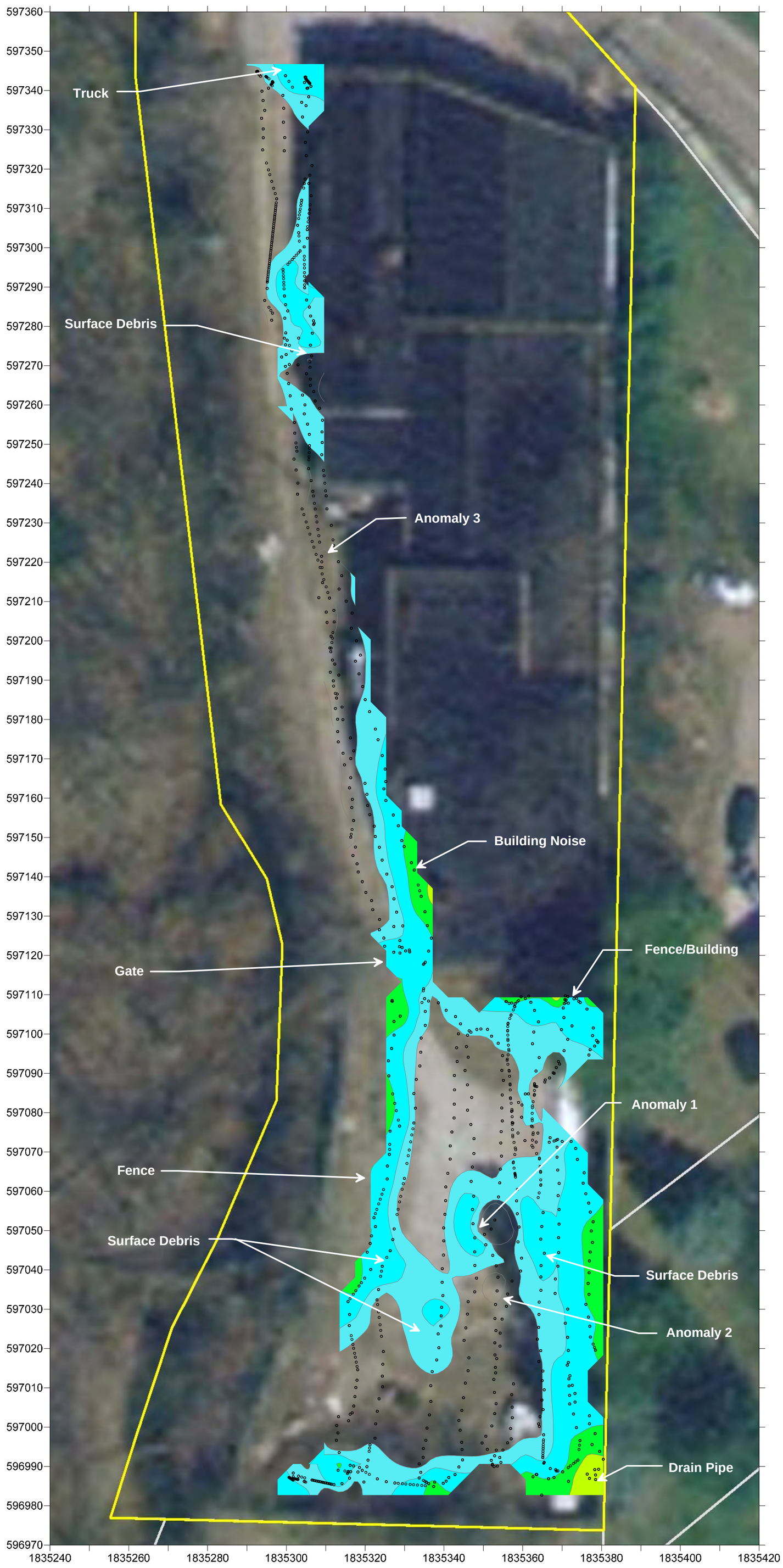
0 ft 1000 ft 2000 ft 3000 ft 4000 ft 5000 ft

Figure 1
Site Location Map

Geophysical Investigation
Clyde Paint and Supply Company
Clyde, Ohio

SCALE: 1:24,000	PROJECT NO.: 770-4980a	DRAWING NO.: DWG4980aF1
DATE : 6/14/12		
DRAWN BY: BJT	SOURCE: 1977 Clyde USGS 7.5 Minute Topographic Quadrangle	
CHECKED BY: PJH		



N

True North
Approximate

Color Scale

Elevated Conductivity

160
140
120
100
80
60
40
30
20
10
0

Background

Legend

Footpath

Notes

Geophysical survey conducted June 13, 2012 using Geonics EM-31 frequency-domain electromagnetic conductivity meter.

Real-time positioning of data using fully integrated Trimble ProXRS global positioning system set to NAD 1983 US State Plane (Ohio, North) coordinate system in feet.

Locations are approximate.

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DES	BJT	6/19/12
DRN	BJT	6/19/12
CHK	PJH	6/19/12
REV		
PROJ MGR.	BJT	6/19/12

PROJECT:
Geophysical Investigation
Clyde Paint & Supply Company
Clyde, Ohio

SCALE: 1" = 20'

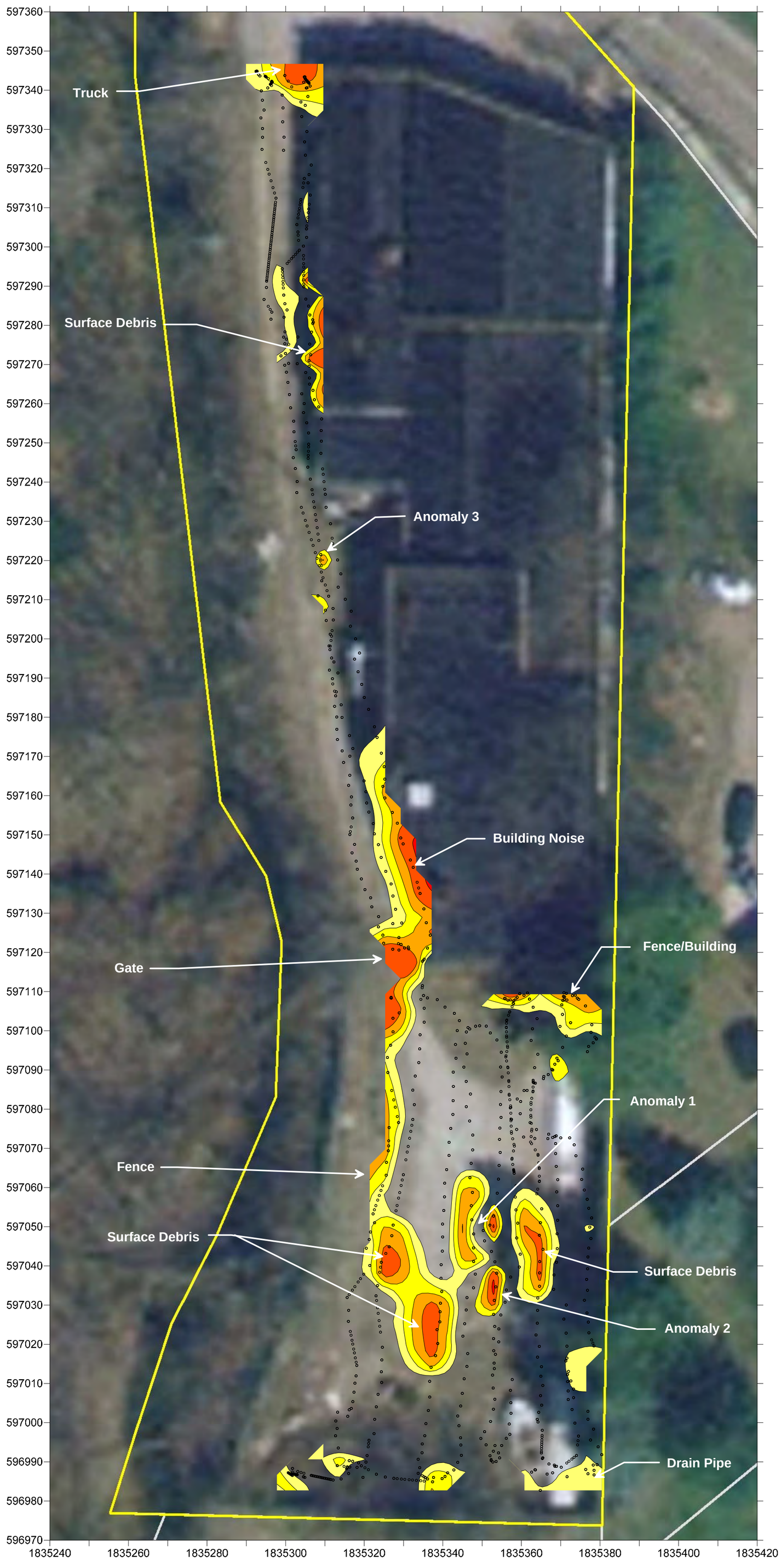
SOURCE: Base from Weston Solutions, 2012

SHEET TITLE:
Figure 3
Terrain Conductivity Map

PREPARED FOR:
Weston Solutions
Houghton, MI

PROJECT NO.: 770-4980a

DRAWING NO.: DWG4980aF3



N

True North
Approximate

Color Scale

Metal

22 ppt
18 ppt
14 ppt
10 ppt
6 ppt
2 ppt
-2 ppt
-6 ppt
-10 ppt
-14 ppt
-18 ppt
-22 ppt

Background

Metal

Legend

Footpath

Notes

Geophysical survey conducted June 13, 2012 using Geonics EM-31 frequency-domain electromagnetic conductivity meter.

Real-time positioning of data using fully integrated Trimble ProXRS global positioning system set to NAD 1983 US State Plane (Ohio, North) coordinate system in feet.

Locations are approximate.

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DES	BJT	6/19/12
DRN	BJT	6/19/12
CHK	PJH	6/19/12
REV		
PROJ MGR.	BJT	6/19/12

SCALE: 1" = 20'

SOURCE: Base from Weston Solutions, 2012

PROJECT:
Geophysical Investigation
Clyde Paint & Supply Company
Clyde, Ohio

SHEET TITLE:
Figure 4
Metals Map

PREPARED FOR:
Weston Solutions
Houghton, MI

PROJECT NO.: 770-4980a

DRAWING NO.: DWG4980aF4

APPENDIX C
BORING LOGS

WESTON SOLUTIONS, INC.			Drilling/Lithologic Log	PAGE 1 OF 1	
Job Name	East Sandusky S.A.	**Boring No.**	CP-B01	**Groundwater Levels**	
Job No.	20405.012.001.1691.00	**Well Type**	N/A	**Date**	**Depth**
Date Drilled	15 Jun 12	**Drilling Method**	Direct Push		
Drilling Co.	Buckeye Probe	**Completion Depth**	12.0 (ft bgs)		
Drill Foreman	Rick Tosatto	**Location**	Clyde Paint		
Logged By	Michael Blair	**Ground Elevation**	N/A		
Drill Rig Type	Geoprobe	**Top of Casing Elevation**	N/A		

Depth ft BGS	Sample Number/Time	Recovery (In.)	Well Log	USCS	Visual Description	FID/OVA HEATED HEADSPACE
0	CP-B01-S01-061512			GP	GRAVEL/SAND - Gravel and brown fine grained sand, dry, loose.	>2906
2	1450 hours	12		SP	1.5' SAND - Brown fine grained sand with black streaks. Material is soft, moist, with trace toluene odor. Note: Color change to greenish gray @ 2.0 ft.	N/A
4					4'	
6		16		SW	SAND - Gray medium grained sand, little 1/4" diameter gravel. Material is saturated, loose.	N/A
8						N/A
10		36				N/A
12					11.75'	N/A
				ML	CLAY - Gray clay, trace rounded gravel, stiff, moist.	
14					Boring terminated @ 12.0 ft.	
16						
18						

Well screen & sand pack
Well riser/bentonite seal
Bentonite Seal
Soil Vapor Screen Interval: ft. To ft.

WESTON SOLUTIONS, INC. — **Drilling/Lithologic Log** — PAGE 1 OF 1

				Groundwater Levels	
Job Name	East Sandusky S.A.	**Boring No.**	CP-B02	**Date**	**Depth**
Job No.	20405.012.001.1691.00	**Well Type**	N/A		
Date Drilled	15 Jun 12	**Drilling Method**	Direct Push		
Drilling Co.	Buckeye Probe	**Completion Depth**	12.0 (ft bgs)		
Drill Foreman	Rick Tosatto	**Location**	Clyde Paint		
Logged By	Michael Blair	**Ground Elevation**	N/A		
Drill Rig Type	Geoprobe	**Top of Casing Elevation**	N/A		

Depth ft BGS	Sample Number/Time	Recovery (In.)	Well Log	USCS	Visual Description	FID/OVA HEATED HEADSPACE
				GP	GRAVEL/SAND - Gravel and brown fine grained sand. Dry.	
2		46			CLAY - Mottled yellow brown clay, trace subrounded gravel. Material is dry & hard. Note: Orange silt seams starting @ 2.5 ft.	1
4				SW		0
					5'	2.5
6		48		ML	SILT - Gray silt, trace fine grained sand, moist, stiff. 6'	
	CP-B06-S02-061512			CL	CLAY - Gray clay, moist, stiff. 7'	1.4
8	1435 hours			SM	SAND/SILT - Gray fine-grained sand with some silt, very moist, stiff. 8'	
10		48		CL	CLAY - Gray clay, little silt, trace gravel, hard, dry to moist (till).	0
12						0
14					Boring terminated @ 12.0 ft.	
16						
18						

Well screen & sand pack
Well riser/bentonite seal
Bentonite Seal
Soil Vapor Screen Interval: ft. To ft.

WESTON SOLUTIONS, INC.				Drilling/Lithologic Log		PAGE 1 OF 1	
Job Name	East Sandusky S.A.		**Boring No.**	CP-B03	**Groundwater Levels**	
Job No.	20405.012.001.1691.00		**Well Type**	N/A	**Date**	**Depth**
Date Drilled	15 Jun 12		**Drilling Method**	Direct Push		
Drilling Co.	Buckeye Probe		**Completion Depth**	12.0 (ft bgs)		
Drill Foreman	Rick Tosatto		**Location**	Clyde Paint		
Logged By	Michael Blair		**Ground Elevation**	N/A		
Drill Rig Type	Geoprobe		**Top of Casing Elevation**	N/A		

Depth ft BGS	Sample Number/Time	Recovery (In.)	Well Log	USCS	Visual Description	FID/OVA HEATED HEADSPACE
0	CP-B03-S01-061512	34		GP	GRAVEL/SAND - Gravel and brown fine grained sand. Dry. 0.5'	1.7
					SAND - Yellow brown fine-grained sand, moist, stiff 1'	
2	1428 hours			CL	CLAY - Mottled yellow brown & gray clay, trace silt. Material is moist & very hard.	0.7
4		48				0
6					Note: Yellow brown silt seam @ 5.5 ft. 6'	
	CP-B03-S02-061512			SM	SAND/SILT - Gray fine grained sand & silt, wet, very stiff. 7.5'	1.7
8	1415 hours			CL	CLAY - Gray clay, trace rounded gravel. Material is moist and hard.	0
10		48				0
12						
14					Boring terminated @ 12.0 ft.	
16						
18						

Well screen & sand pack
Well riser/bentonite seal
Bentonite Seal
Soil Vapor Screen Interval: ft. To ft.

WESTON SOLUTIONS, INC. — **Drilling/Lithologic Log** — PAGE 1 OF 1

				Groundwater Levels	
Job Name	East Sandusky S.A.	**Boring No.**	CP-B04	**Date**	**Depth**
Job No.	20405.012.001.1691.00	**Well Type**	N/A		
Date Drilled	15 Jun 12	**Drilling Method**	Direct Push		
Drilling Co.	Buckeye Probe	**Completion Depth**	8.0 (ft bgs)		
Drill Foreman	Rick Tosatto	**Location**	Clyde Paint		
Logged By	Michael Blair	**Ground Elevation**	N/A		
Drill Rig Type	Geoprobe	**Top of Casing Elevation**	N/A		

Depth ft BGS	Sample Number/Time	Recovery (In.)	Well Log	USCS	Visual Description	FID/OVA HEATED HEADSPACE
				GP	GRAVEL/SAND - Gravel and brown fine grained sand. Dry. 0.5'	
–				SM	SAND/SILT - Yellow brown fine-grained sand & silt, dry, soft - sti 1'	129
2	CP-B04-S01-061512			SP	SAND - Gray fine-grained sand, soft, moist to wet.	
–	1532 hours	36			3'	N/A
4				CL	CLAY - Gray clay, with orange silt seam, trace rounded gravel. Material is stiff/hard, moist (till).	
—						5.1
6		44				
–						0
					7.5'	
8				SM	SILT - Gray silt, some fine grained sand, stiff, moist. 8'	
–					Boring terminated @ 12.0 ft.	
10						
–						
12						
–						
14						
—						
16						
–						
18						

Well screen & sand pack
Well riser/bentonite seal
Bentonite Seal
Soil Vapor Screen Interval: ft. To ft.

APPENDIX D
ANALYTICAL DATA VALIDATION REPORTS

EASTERN SANDUSKY COUNTY DUMPS
SANDUSKY COUNTY, OHIO
DATA VALIDATION REPORT

Date: July 2, 2012
Laboratory: ALS Environmental (ALS), Holland, Michigan
Laboratory Project #: 1206576
Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON®) Superfund Technical Assessment and Response Team (START)
Weston Analytical Work Order #/TDD #: 20405.016.001.1731.00/S05-0001-1201-020

This data validation report has been prepared by WESTON START under the START III Region V contract. This report documents the data validation for six waste liquid samples collected for the Eastern Sandusky County Dumps Site that were analyzed for the following parameters and U.S. Environmental Protection Agency (U.S. EPA) methods:

- Volatile Organic Compounds (VOC) by SW-846 Method 8260
- Toxicity Characteristic Leaching Procedure (TCLP) VOCs by SW-846 Methods 1311 and 8260
- Polychlorinated Biphenyls (PCB) by SW-846 Method 8082
- TCLP Metals by SW-846 Methods 1311, 6020A, and 7470A
- Flashpoint by ASTM D93
- pH by SW-846 Method 9040

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 Inorganic Superfund Data Review" dated January 2010. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1206576

VOCs by SW-846 METHOD 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
CP-D001-061312	1206576-01	Liquid	6/13/2012	6/18/2012
CP-D002-061312	1206576-02	Liquid	6/13/2012	6/19/2012
CP-D003-061312	1206576-03	Liquid	6/13/2012	6/18/2012
CP-D004-061312	1206576-04	Liquid	6/13/2012	6/18/2012

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 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 except for as follows.

The acetone recovery was above the QC limit for the LCS analyzed on 6/18/2012. For samples analyzed on 6/18/2012, detected acetone results were flagged “J” as estimated.

A couple of other VOCs had recoveries above the QC limits; however, because these VOCs were not detected in the samples, no qualifications were required.

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

An MS and MSD were not analyzed using a sample from this work order. Therefore, matrix interferences could not be analyzed using MS/MSDs. No qualifications are required.

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

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

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
CP-D001-061312	1206576-07	Liquid	6/13/2012	6/22/2012
CP-D002-061312	1206576-08	Liquid	6/13/2012	6/22/2012
CP-D003-061312	1206576-09	Liquid	6/13/2012	6/22/2012
CP-D004-061312	1206576-10	Liquid	6/13/2012	6/22/2012

2. Holding Times

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

3. Blanks

A method blank was analyzed with the TCLP VOC analyses. The method blank was free of target compound contamination above the reporting limit.

4. Surrogate Results

The surrogate recovery results were within the laboratory-established QC limits.

5. LCS Results

The LCS recoveries were within laboratory QC limits.

6. MS and MSD Results

An MS and MSD were not analyzed using a sample from this work order. Therefore, matrix interferences could not be analyzed using MS/MSDs. No qualifications are required.

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

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

PCBs BY U.S. EPA SW-846 METHOD 8082

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
CP-D003-061312	1206576-03	Liquid	6/13/2012	6/21/2012	6/21/2012

2. Holding Times

The sample was analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

A method blank was analyzed with the PCB analyses and was free of target compound contamination above the reporting limit.

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

6. MS and MSD Results

An MS and MSD were not analyzed using a sample from this work order. Therefore, matrix interferences could not be analyzed using MS/MSDs. No qualifications are required.

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

The PCB data are acceptable for use based on the information received.

TCLP METALS BY SW-846 METHODS 1311, 6020, AND 7470A

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
CP-D001-061312	1206576-08	Liquid	6/13/2012	6/21/2012 – 6/22/2012
CP-D002-061312	1206576-08	Liquid	6/13/2012	6/21/2012 – 6/22/2012
CP-D003-061312	1206576-09	Liquid	6/13/2012	6/21/2012 – 6/22/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 28 days from sample collection to analysis for mercury and 180 days from sample collection to analysis for all other metals.

3. Blank Results

Method blanks were analyzed with the TCLP metals analysis. The blanks were free of target analyte contamination above the reporting limits. Some metals were detected below the reporting limits in the method blanks; however, the sample concentrations were either non-detect or much higher than the blank concentrations. No qualifications were required.

4. LCS Results

The LCS recoveries were within the laboratory-established QC limits for target analytes.

5. MS and MSD Results

An MS and MSD were not analyzed using a sample from this work order; therefore matrix interferences could not be evaluated for samples in this work order using the MS/MSD.

6. Field Duplicate Results

There are no field duplicates associated with this work order.

7. Overall Assessment

The TCLP metals data are acceptable for use based on the information received.

GENERAL CHEMISTRY PARAMETERS (Flashpoint by ASTM D93 and pH by SW-846 9040)

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
CP-D001-061312	1206576-01	Liquid	6/13/2012	6/25/2012
CP-D002-061312	1206576-02	Liquid	6/13/2012	6/25/2012
CP-D003-061312	1206576-03	Liquid	6/13/2012	6/25/2012
CP-D004-061312	1206576-04	Liquid	6/13/2012	6/18/2012 - 6/25/2012
CP-D005-061312	1206576-05	Liquid	6/13/2012	6/18/2012
CP-D006-061312	1206576-06	Liquid	6/13/2012	6/18/2012

2. Holding Times

The methods state that flashpoint and pH should be analyzed as soon as possible. For pH, the sample was analyzed 5 days from collection. No qualification was applied

The flashpoint analyses were performed approximately 12 days from collection. Because these are high hazard waste samples, no qualifications were applied.

3. LCS Results

The percent recoveries for the LCSs were within QC limits.

5. Laboratory Duplicate Results

The laboratory duplicate RPDs were within QC limits.

6. Field Duplicate Results

There are no field duplicates associated with this work order.

7. Overall Assessment

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

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1206576

ATTACHMENT

ALS ENVIRONMENTAL
RESULTS SUMMARY WITH QUALIFIERS

ALS Group USA, Corp

Date: 25-Jun-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
WorkOrder: **1206576**

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 Quantitation Limit
RPD	Relative Percent Difference
SD	Serial Dilution
TDL	Target Detection Limit

Units Reported	Description
°F	Degrees Fahrenheit
mg/Kg	Milligrams per Kilogram
mg/L	Milligrams per Liter
s.u.	Standard Units

ALS Group USA, Corp

Date: *25-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206576
Sample ID: CP-D001-061312
Lab ID: 1206576-01
Collection Date: 06/13/12 11:21 AM
Matrix: LIQUID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **AK**
1,1,1-Trichloroethane	ND		500	mg/L	5E+05	06/18/12 09:47 PM
1,1,2,2-Tetrachloroethane	ND		500	mg/L	5E+05	06/18/12 09:47 PM
1,1,2-Trichloroethane	ND		500	mg/L	5E+05	06/18/12 09:47 PM
1,1,2-Trichlorotrifluoroethane	ND		500	mg/L	5E+05	06/18/12 09:47 PM
1,1-Dichloroethane	ND		500	mg/L	5E+05	06/18/12 09:47 PM
1,1-Dichloroethene	ND		500	mg/L	5E+05	06/18/12 09:47 PM
1,2,4-Trichlorobenzene	ND		500	mg/L	5E+05	06/18/12 09:47 PM
1,2-Dibromo-3-chloropropane	ND		500	mg/L	5E+05	06/18/12 09:47 PM
1,2-Dibromoethane	ND		500	mg/L	5E+05	06/18/12 09:47 PM
1,2-Dichlorobenzene	ND		500	mg/L	5E+05	06/18/12 09:47 PM
1,2-Dichloroethane	ND		500	mg/L	5E+05	06/18/12 09:47 PM
1,2-Dichloropropane	ND		1,000	mg/L	5E+05	06/18/12 09:47 PM
1,3-Dichlorobenzene	ND		1,000	mg/L	5E+05	06/18/12 09:47 PM
1,4-Dichlorobenzene	ND		1,000	mg/L	5E+05	06/18/12 09:47 PM
2-Butanone	ND		2,500	mg/L	5E+05	06/18/12 09:47 PM
2-Hexanone	ND		2,500	mg/L	5E+05	06/18/12 09:47 PM
4-Methyl-2-pentanone	ND		2,500	mg/L	5E+05	06/18/12 09:47 PM
Acetone	**1,800**	J	**500**	**mg/L**	5E+05	06/18/12 09:47 PM
Benzene	ND		500	mg/L	5E+05	06/18/12 09:47 PM
Bromodichloromethane	ND		500	mg/L	5E+05	06/18/12 09:47 PM
Bromoform	ND		500	mg/L	5E+05	06/18/12 09:47 PM
Bromomethane	ND		500	mg/L	5E+05	06/18/12 09:47 PM
Carbon disulfide	ND		1,200	mg/L	5E+05	06/18/12 09:47 PM
Carbon tetrachloride	ND		500	mg/L	5E+05	06/18/12 09:47 PM
Chlorobenzene	ND		500	mg/L	5E+05	06/18/12 09:47 PM
Chloroethane	ND		500	mg/L	5E+05	06/18/12 09:47 PM
Chloroform	ND		500	mg/L	5E+05	06/18/12 09:47 PM
Chloromethane	ND		500	mg/L	5E+05	06/18/12 09:47 PM
cis-1,2-Dichloroethene	ND		500	mg/L	5E+05	06/18/12 09:47 PM
cis-1,3-Dichloropropene	ND		500	mg/L	5E+05	06/18/12 09:47 PM
Cyclohexane	ND		2,500	mg/L	5E+05	06/18/12 09:47 PM
Dibromochloromethane	ND		500	mg/L	5E+05	06/18/12 09:47 PM
Dichlorodifluoromethane	ND		500	mg/L	5E+05	06/18/12 09:47 PM
Ethylbenzene	ND		500	mg/L	5E+05	06/18/12 09:47 PM
Isopropylbenzene	**2,300**		**500**	**mg/L**	5E+05	06/18/12 09:47 PM
Methyl acetate	ND		1,000	mg/L	5E+05	06/18/12 09:47 PM
Methyl tert-butyl ether	ND		2,500	mg/L	5E+05	06/18/12 09:47 PM
Methylcyclohexane	ND		2,500	mg/L	5E+05	06/18/12 09:47 PM
Methylene chloride	ND		2,500	mg/L	5E+05	06/18/12 09:47 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

7/2/12

ALS Group USA, Corp

Date: *25-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206576
Sample ID: CP-D001-061312 **Lab ID:** 1206576-01
Collection Date: 06/13/12 11:21 AM **Matrix:** LIQUID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		500	mg/L	5E+05	06/18/12 09:47 PM
Tetrachloroethene	ND		1,000	mg/L	5E+05	06/18/12 09:47 PM
Toluene	**340**		**300**	**mg/L**	5E+05	06/18/12 09:47 PM
trans-1,2-Dichloroethene	ND		500	mg/L	5E+05	06/18/12 09:47 PM
trans-1,3-Dichloropropene	ND		500	mg/L	5E+05	06/18/12 09:47 PM
Trichloroethene	ND		500	mg/L	5E+05	06/18/12 09:47 PM
Trichlorofluoromethane	ND		500	mg/L	5E+05	06/18/12 09:47 PM
Vinyl chloride	ND		500	mg/L	5E+05	06/18/12 09:47 PM
Xylenes, Total	**4,500**		**1,500**	**mg/L**	5E+05	06/18/12 09:47 PM
Surr: 1,2-Dichloroethane-d4	*118*		*70-120*	*%REC*	5E+05	06/18/12 09:47 PM
Surr: 4-Bromofluorobenzene	*98.6*		*75-120*	*%REC*	5E+05	06/18/12 09:47 PM
Surr: Dibromofluoromethane	*105*		*85-115*	*%REC*	5E+05	06/18/12 09:47 PM
Surr: Toluene-d8	*98.8*		*85-120*	*%REC*	5E+05	06/18/12 09:47 PM
FLASHPOINT, P-M CLOSED-CUP			**D93**			Analyst: **MB**
Flashpoint, P-M Closed-cup	**110**			**°F**	1	06/25/12 11:00 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *25-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206576
Sample ID: CP-D002-061312 **Lab ID:** 1206576-02
Collection Date: 06/13/12 11:25 AM **Matrix:** LIQUID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **AK**
1,1,1-Trichloroethane	ND		50	mg/L	50000	06/19/12 04:24 PM
1,1,2,2-Tetrachloroethane	ND		50	mg/L	50000	06/19/12 04:24 PM
1,1,2-Trichloroethane	ND		50	mg/L	50000	06/19/12 04:24 PM
1,1,2-Trichlorotrifluoroethane	ND		50	mg/L	50000	06/19/12 04:24 PM
1,1-Dichloroethane	ND		50	mg/L	50000	06/19/12 04:24 PM
1,1-Dichloroethene	ND		50	mg/L	50000	06/19/12 04:24 PM
1,2,4-Trichlorobenzene	ND		50	mg/L	50000	06/19/12 04:24 PM
1,2-Dibromo-3-chloropropane	ND		50	mg/L	50000	06/19/12 04:24 PM
1,2-Dibromoethane	ND		50	mg/L	50000	06/19/12 04:24 PM
1,2-Dichlorobenzene	ND		50	mg/L	50000	06/19/12 04:24 PM
1,2-Dichloroethane	ND		50	mg/L	50000	06/19/12 04:24 PM
1,2-Dichloropropane	ND		100	mg/L	50000	06/19/12 04:24 PM
1,3-Dichlorobenzene	ND		100	mg/L	50000	06/19/12 04:24 PM
1,4-Dichlorobenzene	ND		100	mg/L	50000	06/19/12 04:24 PM
2-Butanone	**330**		**250**	**mg/L**	50000	06/19/12 04:24 PM
2-Hexanone	ND		250	mg/L	50000	06/19/12 04:24 PM
4-Methyl-2-pentanone	ND		250	mg/L	50000	06/19/12 04:24 PM
Acetone	**1,500**		**1,000**	**mg/L**	50000	06/19/12 04:24 PM
Benzene	ND		50	mg/L	50000	06/19/12 04:24 PM
Bromodichloromethane	ND		50	mg/L	50000	06/19/12 04:24 PM
Bromoform	ND		50	mg/L	50000	06/19/12 04:24 PM
Bromomethane	ND		50	mg/L	50000	06/19/12 04:24 PM
Carbon disulfide	ND		120	mg/L	50000	06/19/12 04:24 PM
Carbon tetrachloride	ND		50	mg/L	50000	06/19/12 04:24 PM
Chlorobenzene	ND		50	mg/L	50000	06/19/12 04:24 PM
Chloroethane	ND		50	mg/L	50000	06/19/12 04:24 PM
Chloroform	ND		50	mg/L	50000	06/19/12 04:24 PM
Chloromethane	ND		50	mg/L	50000	06/19/12 04:24 PM
cis-1,2-Dichloroethene	ND		50	mg/L	50000	06/19/12 04:24 PM
cis-1,3-Dichloropropene	ND		50	mg/L	50000	06/19/12 04:24 PM
Cyclohexane	ND		250	mg/L	50000	06/19/12 04:24 PM
Dibromochloromethane	ND		50	mg/L	50000	06/19/12 04:24 PM
Dichlorodifluoromethane	ND		50	mg/L	50000	06/19/12 04:24 PM
Ethylbenzene	**120**		**50**	**mg/L**	50000	06/19/12 04:24 PM
Isopropylbenzene	**3,000**		**50**	**mg/L**	50000	06/19/12 04:24 PM
Methyl acetate	ND		100	mg/L	50000	06/19/12 04:24 PM
Methyl tert-butyl ether	ND		250	mg/L	50000	06/19/12 04:24 PM
Methylcyclohexane	**68**		**50**	**mg/L**	50000	06/19/12 04:24 PM
Methylene chloride	ND		250	mg/L	50000	06/19/12 04:24 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *25-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206576
Sample ID: CP-D002-061312
Lab ID: 1206576-02
Collection Date: 06/13/12 11:25 AM
Matrix: LIQUID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		50	mg/L	50000	06/19/12 04:24 PM
Tetrachloroethene	ND		100	mg/L	50000	06/19/12 04:24 PM
Toluene	**360**		**50**	**mg/L**	50000	06/19/12 04:24 PM
trans-1,2-Dichloroethene	ND		50	mg/L	50000	06/19/12 04:24 PM
trans-1,3-Dichloropropene	ND		50	mg/L	50000	06/19/12 04:24 PM
Trichloroethene	ND		50	mg/L	50000	06/19/12 04:24 PM
Trichlorofluoromethane	ND		50	mg/L	50000	06/19/12 04:24 PM
Vinyl chloride	ND		50	mg/L	50000	06/19/12 04:24 PM
Xylenes, Total	**4,200**		**150**	**mg/L**	50000	06/19/12 04:24 PM
Surr: 1,2-Dichloroethane-d4	*103*		*70-120*	*%REC*	50000	06/19/12 04:24 PM
Surr: 4-Bromofluorobenzene	*101*		*75-120*	*%REC*	50000	06/19/12 04:24 PM
Surr: Dibromofluoromethane	*99.2*		*85-115*	*%REC*	50000	06/19/12 04:24 PM
Surr: Toluene-d8	*96.4*		*85-120*	*%REC*	50000	06/19/12 04:24 PM
FLASHPOINT, P-M CLOSED-CUP			**D93**			Analyst: **MB**
Flashpoint, P-M Closed-cup	**75.0**			**°F**	1	06/25/12 11:00 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *25-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206576
Sample ID: CP-D003-061312 **Lab ID:** 1206576-03
Collection Date: 06/13/12 11:40 AM **Matrix:** LIQUID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **06/21/12**	Analyst: **JD**
Aroclor 1016	ND		1.0	mg/Kg	1	06/21/12 03:35 PM
Aroclor 1221	ND		1.0	mg/Kg	1	06/21/12 03:35 PM
Aroclor 1232	ND		1.0	mg/Kg	1	06/21/12 03:35 PM
Aroclor 1242	ND		1.0	mg/Kg	1	06/21/12 03:35 PM
Aroclor 1248	ND		1.0	mg/Kg	1	06/21/12 03:35 PM
Aroclor 1254	ND		1.0	mg/Kg	1	06/21/12 03:35 PM
Aroclor 1260	ND		1.0	mg/Kg	1	06/21/12 03:35 PM
PCBs, Total	ND		1.0	mg/Kg	1	06/21/12 03:35 PM
Surr: Decachlorobiphenyl	*64.0*		*40-140*	*%REC*	1	06/21/12 03:35 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **AK**
1,1,1-Trichloroethane	ND		500	mg/L	5E+05	06/18/12 10:35 PM
1,1,2,2-Tetrachloroethane	ND		500	mg/L	5E+05	06/18/12 10:35 PM
1,1,2-Trichloroethane	ND		500	mg/L	5E+05	06/18/12 10:35 PM
1,1,2-Trichlorotrifluoroethane	ND		500	mg/L	5E+05	06/18/12 10:35 PM
1,1-Dichloroethane	ND		500	mg/L	5E+05	06/18/12 10:35 PM
1,1-Dichloroethene	ND		500	mg/L	5E+05	06/18/12 10:35 PM
1,2,4-Trichlorobenzene	ND		500	mg/L	5E+05	06/18/12 10:35 PM
1,2-Dibromo-3-chloropropane	ND		500	mg/L	5E+05	06/18/12 10:35 PM
1,2-Dibromoethane	ND		500	mg/L	5E+05	06/18/12 10:35 PM
1,2-Dichlorobenzene	ND		500	mg/L	5E+05	06/18/12 10:35 PM
1,2-Dichloroethane	ND		500	mg/L	5E+05	06/18/12 10:35 PM
1,2-Dichloropropane	ND		1,000	mg/L	5E+05	06/18/12 10:35 PM
1,3-Dichlorobenzene	ND		1,000	mg/L	5E+05	06/18/12 10:35 PM
1,4-Dichlorobenzene	ND		1,000	mg/L	5E+05	06/18/12 10:35 PM
2-Butanone	ND		2,500	mg/L	5E+05	06/18/12 10:35 PM
2-Hexanone	ND		2,500	mg/L	5E+05	06/18/12 10:35 PM
4-Methyl-2-pentanone	ND		2,500	mg/L	5E+05	06/18/12 10:35 PM
Acetone	ND		10,000	mg/L	5E+05	06/18/12 10:35 PM
Benzene	ND		500	mg/L	5E+05	06/18/12 10:35 PM
Bromodichloromethane	ND		500	mg/L	5E+05	06/18/12 10:35 PM
Bromoform	ND		500	mg/L	5E+05	06/18/12 10:35 PM
Bromomethane	ND		500	mg/L	5E+05	06/18/12 10:35 PM
Carbon disulfide	ND		1,200	mg/L	5E+05	06/18/12 10:35 PM
Carbon tetrachloride	ND		500	mg/L	5E+05	06/18/12 10:35 PM
Chlorobenzene	ND		500	mg/L	5E+05	06/18/12 10:35 PM
Chloroethane	ND		500	mg/L	5E+05	06/18/12 10:35 PM
Chloroform	ND		500	mg/L	5E+05	06/18/12 10:35 PM
Chloromethane	ND		500	mg/L	5E+05	06/18/12 10:35 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206576
Sample ID: CP-D003-061312 **Lab ID:** 1206576-03
Collection Date: 06/13/12 11:40 AM **Matrix:** LIQUID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
cis-1,2-Dichloroethene	ND		500	mg/L	5E+05	06/18/12 10:35 PM
cis-1,3-Dichloropropene	ND		500	mg/L	5E+05	06/18/12 10:35 PM
Cyclohexane	ND		2,500	mg/L	5E+05	06/18/12 10:35 PM
Dibromochloromethane	ND		500	mg/L	5E+05	06/18/12 10:35 PM
Dichlorodifluoromethane	ND		500	mg/L	5E+05	06/18/12 10:35 PM
Ethylbenzene	**2,100**		**500**	**mg/L**	5E+05	06/18/12 10:35 PM
Isopropylbenzene	ND		500	mg/L	5E+05	06/18/12 10:35 PM
Methyl acetate	ND		1,000	mg/L	5E+05	06/18/12 10:35 PM
Methyl tert-butyl ether	ND		2,500	mg/L	5E+05	06/18/12 10:35 PM
Methylcyclohexane	ND		2,500	mg/L	5E+05	06/18/12 10:35 PM
Methylene chloride	ND		2,500	mg/L	5E+05	06/18/12 10:35 PM
Styrene	ND		500	mg/L	5E+05	06/18/12 10:35 PM
Tetrachloroethene	ND		1,000	mg/L	5E+05	06/18/12 10:35 PM
Toluene	ND		500	mg/L	5E+05	06/18/12 10:35 PM
trans-1,2-Dichloroethene	ND		500	mg/L	5E+05	06/18/12 10:35 PM
trans-1,3-Dichloropropene	ND		500	mg/L	5E+05	06/18/12 10:35 PM
Trichloroethene	ND		500	mg/L	5E+05	06/18/12 10:35 PM
Trichlorofluoromethane	ND		500	mg/L	5E+05	06/18/12 10:35 PM
Vinyl chloride	ND		500	mg/L	5E+05	06/18/12 10:35 PM
Xylenes, Total	**7,300**		**1,500**	**mg/L**	5E+05	06/18/12 10:35 PM
Surr: 1,2-Dichloroethane-d4	*118*		*70-120*	*%REC*	5E+05	06/18/12 10:35 PM
Surr: 4-Bromofluorobenzene	*98.0*		*75-120*	*%REC*	5E+05	06/18/12 10:35 PM
Surr: Dibromofluoromethane	*105*		*85-115*	*%REC*	5E+05	06/18/12 10:35 PM
Surr: Toluene-d8	*98.7*		*85-120*	*%REC*	5E+05	06/18/12 10:35 PM
FLASHPOINT, P-M CLOSED-CUP			**D93**			Analyst: **MB**
Flashpoint, P-M Closed-cup	**>200**			**°F**	1	06/25/12 11:00 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *25-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206576
Sample ID: CP-D004-061312 **Lab ID:** 1206576-04
Collection Date: 06/13/12 11:43 AM **Matrix:** LIQUID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **AK**
1,1,1-Trichloroethane	ND		500	mg/L	5E+05	06/18/12 11:00 PM
1,1,2,2-Tetrachloroethane	ND		500	mg/L	5E+05	06/18/12 11:00 PM
1,1,2-Trichloroethane	ND		500	mg/L	5E+05	06/18/12 11:00 PM
1,1,2-Trichlorotrifluoroethane	ND		500	mg/L	5E+05	06/18/12 11:00 PM
1,1-Dichloroethane	ND		500	mg/L	5E+05	06/18/12 11:00 PM
1,1-Dichloroethene	ND		500	mg/L	5E+05	06/18/12 11:00 PM
1,2,4-Trichlorobenzene	ND		500	mg/L	5E+05	06/18/12 11:00 PM
1,2-Dibromo-3-chloropropane	ND		500	mg/L	5E+05	06/18/12 11:00 PM
1,2-Dibromoethane	ND		500	mg/L	5E+05	06/18/12 11:00 PM
1,2-Dichlorobenzene	ND		500	mg/L	5E+05	06/18/12 11:00 PM
1,2-Dichloroethane	ND		500	mg/L	5E+05	06/18/12 11:00 PM
1,2-Dichloropropane	ND		1,000	mg/L	5E+05	06/18/12 11:00 PM
1,3-Dichlorobenzene	ND		1,000	mg/L	5E+05	06/18/12 11:00 PM
1,4-Dichlorobenzene	ND		1,000	mg/L	5E+05	06/18/12 11:00 PM
2-Butanone	ND		2,500	mg/L	5E+05	06/18/12 11:00 PM
2-Hexanone	ND		2,500	mg/L	5E+05	06/18/12 11:00 PM
4-Methyl-2-pentanone	ND		2,500	mg/L	5E+05	06/18/12 11:00 PM
Acetone	ND		10,000	mg/L	5E+05	06/18/12 11:00 PM
Benzene	ND		500	mg/L	5E+05	06/18/12 11:00 PM
Bromodichloromethane	ND		500	mg/L	5E+05	06/18/12 11:00 PM
Bromoform	ND		500	mg/L	5E+05	06/18/12 11:00 PM
Bromomethane	ND		500	mg/L	5E+05	06/18/12 11:00 PM
Carbon disulfide	ND		1,200	mg/L	5E+05	06/18/12 11:00 PM
Carbon tetrachloride	ND		500	mg/L	5E+05	06/18/12 11:00 PM
Chlorobenzene	ND		500	mg/L	5E+05	06/18/12 11:00 PM
Chloroethane	ND		500	mg/L	5E+05	06/18/12 11:00 PM
Chloroform	ND		500	mg/L	5E+05	06/18/12 11:00 PM
Chloromethane	ND		500	mg/L	5E+05	06/18/12 11:00 PM
cis-1,2-Dichloroethene	ND		500	mg/L	5E+05	06/18/12 11:00 PM
cis-1,3-Dichloropropene	ND		500	mg/L	5E+05	06/18/12 11:00 PM
Cyclohexane	ND		2,500	mg/L	5E+05	06/18/12 11:00 PM
Dibromochloromethane	ND		500	mg/L	5E+05	06/18/12 11:00 PM
Dichlorodifluoromethane	ND		500	mg/L	5E+05	06/18/12 11:00 PM
Ethylbenzene	ND		500	mg/L	5E+05	06/18/12 11:00 PM
Isopropylbenzene	ND		500	mg/L	5E+05	06/18/12 11:00 PM
Methyl acetate	ND		1,000	mg/L	5E+05	06/18/12 11:00 PM
Methyl tert-butyl ether	ND		2,500	mg/L	5E+05	06/18/12 11:00 PM
Methylcyclohexane	ND		2,500	mg/L	5E+05	06/18/12 11:00 PM
Methylene chloride	ND		2,500	mg/L	5E+05	06/18/12 11:00 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *25-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206576
Sample ID: CP-D004-061312 **Lab ID:** 1206576-04
Collection Date: 06/13/12 11:43 AM **Matrix:** LIQUID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		500	mg/L	5E+05	06/18/12 11:00 PM
Tetrachloroethene	ND		1,000	mg/L	5E+05	06/18/12 11:00 PM
Toluene	ND		500	mg/L	5E+05	06/18/12 11:00 PM
trans-1,2-Dichloroethene	ND		500	mg/L	5E+05	06/18/12 11:00 PM
trans-1,3-Dichloropropene	ND		500	mg/L	5E+05	06/18/12 11:00 PM
Trichloroethene	ND		500	mg/L	5E+05	06/18/12 11:00 PM
Trichlorofluoromethane	ND		500	mg/L	5E+05	06/18/12 11:00 PM
Vinyl chloride	ND		500	mg/L	5E+05	06/18/12 11:00 PM
Xylenes, Total	ND		1,500	mg/L	5E+05	06/18/12 11:00 PM
Surr: 1,2-Dichloroethane-d4	*117*		*70-120*	*%REC*	5E+05	06/18/12 11:00 PM
Surr: 4-Bromofluorobenzene	*96.6*		*75-120*	*%REC*	5E+05	06/18/12 11:00 PM
Surr: Dibromofluoromethane	*104*		*85-115*	*%REC*	5E+05	06/18/12 11:00 PM
Surr: Toluene-d8	*99.6*		*85-120*	*%REC*	5E+05	06/18/12 11:00 PM
FLASHPOINT, P-M CLOSED-CUP			**D93**			Analyst: **MB**
Flashpoint, P-M Closed-cup	**>200**			**°F**	1	06/25/12 11:00 AM
PH			**SW9040**			Analyst: **KV**
pH	**10.0**			**s.u.**	1	06/18/12 08:30 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *25-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206576
Sample ID: CP-D005-061312
Lab ID: 1206576-05
Collection Date: 06/13/12 12:00 PM
Matrix: LIQUID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			**SW9040**			Analyst: **KV**
pH	**3.60**			**s.u.**	1	06/18/12 08:30 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *25-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206576
Sample ID: CP-D006-061312
Lab ID: 1206576-06
Collection Date: 06/13/12 12:08 PM
Matrix: LIQUID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			**SW9040**			Analyst: **KV**
pH	**2.56**			**s.u.**	1	06/18/12 08:30 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *25-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206576
Sample ID: CP-D001-061312 **Lab ID:** 1206576-07
Collection Date: 06/13/12 11:21 AM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/21/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/21/12 03:04 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **06/20/12**	Analyst: **ML**
Arsenic	ND		0.010	mg/L	1	06/22/12 08:12 PM
Barium	ND		0.050	mg/L	1	06/22/12 08:12 PM
Cadmium	ND		0.0020	mg/L	1	06/22/12 08:12 PM
Chromium	ND		0.020	mg/L	1	06/22/12 08:12 PM
Lead	ND		0.010	mg/L	1	06/22/12 08:12 PM
Selenium	ND		0.020	mg/L	1	06/22/12 08:12 PM
Silver	ND		0.0050	mg/L	1	06/22/12 08:12 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/20/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.50	mg/L	500	06/22/12 08:25 AM
1,2-Dichloroethane	ND		0.50	mg/L	500	06/22/12 08:25 AM
2-Butanone	**99**		**20**	**mg/L**	2000	06/22/12 05:10 PM
Benzene	ND		0.50	mg/L	500	06/22/12 08:25 AM
Carbon tetrachloride	ND		0.50	mg/L	500	06/22/12 08:25 AM
Chlorobenzene	ND		0.50	mg/L	500	06/22/12 08:25 AM
Chloroform	ND		0.50	mg/L	500	06/22/12 08:25 AM
Tetrachloroethene	ND		0.50	mg/L	500	06/22/12 08:25 AM
Trichloroethene	ND		0.50	mg/L	500	06/22/12 08:25 AM
Vinyl chloride	ND		0.50	mg/L	500	06/22/12 08:25 AM
Surr: 1,2-Dichloroethane-d4	*103*		*70-130*	*%REC*	500	06/22/12 08:25 AM
Surr: 1,2-Dichloroethane-d4	*97.2*		*70-130*	*%REC*	2000	06/22/12 05:10 PM
Surr: 4-Bromofluorobenzene	*99.8*		*70-130*	*%REC*	500	06/22/12 08:25 AM
Surr: 4-Bromofluorobenzene	*97.4*		*70-130*	*%REC*	2000	06/22/12 05:10 PM
Surr: Dibromofluoromethane	*97.6*		*70-130*	*%REC*	500	06/22/12 08:25 AM
Surr: Dibromofluoromethane	*99.0*		*70-130*	*%REC*	2000	06/22/12 05:10 PM
Surr: Toluene-d8	*98.5*		*70-130*	*%REC*	2000	06/22/12 05:10 PM
Surr: Toluene-d8	*98.6*		*70-130*	*%REC*	500	06/22/12 08:25 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *25-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206576
Sample ID: CP-D002-061312 **Lab ID:** 1206576-08
Collection Date: 06/13/12 11:25 AM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/21/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/21/12 03:06 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **06/20/12**	Analyst: **ML**
Arsenic	ND		0.010	mg/L	1	06/22/12 08:19 PM
Barium	**17**		**0.050**	**mg/L**	1	06/22/12 08:19 PM
Cadmium	ND		0.0020	mg/L	1	06/22/12 08:19 PM
Chromium	ND		0.020	mg/L	1	06/22/12 08:19 PM
Lead	ND		0.010	mg/L	1	06/22/12 08:19 PM
Selenium	ND		0.020	mg/L	1	06/22/12 08:19 PM
Silver	ND		0.0050	mg/L	1	06/22/12 08:19 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/20/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.50	mg/L	500	06/22/12 08:50 AM
1,2-Dichloroethane	ND		0.50	mg/L	500	06/22/12 08:50 AM
2-Butanone	**54**		**10**	**mg/L**	1000	06/22/12 05:33 PM
Benzene	ND		0.50	mg/L	500	06/22/12 08:50 AM
Carbon tetrachloride	ND		0.50	mg/L	500	06/22/12 08:50 AM
Chlorobenzene	ND		0.50	mg/L	500	06/22/12 08:50 AM
Chloroform	ND		0.50	mg/L	500	06/22/12 08:50 AM
Tetrachloroethene	ND		0.50	mg/L	500	06/22/12 08:50 AM
Trichloroethene	ND		0.50	mg/L	500	06/22/12 08:50 AM
Vinyl chloride	ND		0.50	mg/L	500	06/22/12 08:50 AM
Surr: 1,2-Dichloroethane-d4	*103*		*70-130*	*%REC*	500	06/22/12 08:50 AM
Surr: 1,2-Dichloroethane-d4	*98.8*		*70-130*	*%REC*	1000	06/22/12 05:33 PM
Surr: 4-Bromofluorobenzene	*102*		*70-130*	*%REC*	500	06/22/12 08:50 AM
Surr: 4-Bromofluorobenzene	*98.8*		*70-130*	*%REC*	1000	06/22/12 05:33 PM
Surr: Dibromofluoromethane	*99.4*		*70-130*	*%REC*	500	06/22/12 08:50 AM
Surr: Dibromofluoromethane	*99.8*		*70-130*	*%REC*	1000	06/22/12 05:33 PM
Surr: Toluene-d8	*98.5*		*70-130*	*%REC*	1000	06/22/12 05:33 PM
Surr: Toluene-d8	*99.0*		*70-130*	*%REC*	500	06/22/12 08:50 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *25-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206576
Sample ID: CP-D003-061312
Lab ID: 1206576-09
Collection Date: 06/13/12 11:40 AM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/21/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/21/12 03:08 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **06/20/12**	Analyst: **ML**
Arsenic	ND		0.010	mg/L	1	06/22/12 08:25 PM
Barium	**0.082**		**0.050**	**mg/L**	1	06/22/12 08:25 PM
Cadmium	ND		0.0020	mg/L	1	06/22/12 08:25 PM
Chromium	ND		0.020	mg/L	1	06/22/12 08:25 PM
Lead	**0.012**		**0.010**	**mg/L**	1	06/22/12 08:25 PM
Selenium	ND		0.020	mg/L	1	06/22/12 08:25 PM
Silver	ND		0.0050	mg/L	1	06/22/12 08:25 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/20/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.50	mg/L	500	06/22/12 09:15 AM
1,2-Dichloroethane	ND		0.50	mg/L	500	06/22/12 09:15 AM
2-Butanone	ND		5.0	mg/L	500	06/22/12 09:15 AM
Benzene	ND		0.50	mg/L	500	06/22/12 09:15 AM
Carbon tetrachloride	ND		0.50	mg/L	500	06/22/12 09:15 AM
Chlorobenzene	ND		0.50	mg/L	500	06/22/12 09:15 AM
Chloroform	ND		0.50	mg/L	500	06/22/12 09:15 AM
Tetrachloroethene	ND		0.50	mg/L	500	06/22/12 09:15 AM
Trichloroethene	ND		0.50	mg/L	500	06/22/12 09:15 AM
Vinyl chloride	ND		0.50	mg/L	500	06/22/12 09:15 AM
Surr: 1,2-Dichloroethane-d4	*101*		*70-130*	*%REC*	500	06/22/12 09:15 AM
Surr: 4-Bromofluorobenzene	*98.3*		*70-130*	*%REC*	500	06/22/12 09:15 AM
Surr: Dibromofluoromethane	*96.6*		*70-130*	*%REC*	500	06/22/12 09:15 AM
Surr: Toluene-d8	*97.8*		*70-130*	*%REC*	500	06/22/12 09:15 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *25-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206576
Sample ID: CP-D004-061312
Lab ID: 1206576-10
Collection Date: 06/13/12 11:43 AM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/20/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.50	mg/L	500	06/22/12 09:40 AM
1,2-Dichloroethane	ND		0.50	mg/L	500	06/22/12 09:40 AM
2-Butanone	ND		5.0	mg/L	500	06/22/12 09:40 AM
Benzene	ND		0.50	mg/L	500	06/22/12 09:40 AM
Carbon tetrachloride	ND		0.50	mg/L	500	06/22/12 09:40 AM
Chlorobenzene	ND		0.50	mg/L	500	06/22/12 09:40 AM
Chloroform	ND		0.50	mg/L	500	06/22/12 09:40 AM
Tetrachloroethene	ND		0.50	mg/L	500	06/22/12 09:40 AM
Trichloroethene	ND		0.50	mg/L	500	06/22/12 09:40 AM
Vinyl chloride	ND		0.50	mg/L	500	06/22/12 09:40 AM
Surr: 1,2-Dichloroethane-d4	*102*		*70-130*	*%REC*	500	06/22/12 09:40 AM
Surr: 4-Bromofluorobenzene	*97.6*		*70-130*	*%REC*	500	06/22/12 09:40 AM
Surr: Dibromofluoromethane	*98.6*		*70-130*	*%REC*	500	06/22/12 09:40 AM
Surr: Toluene-d8	*98.6*		*70-130*	*%REC*	500	06/22/12 09:40 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

EASTERN SANDUSKY COUNTY DUMPS
SANDUSKY COUNTY, OHIO
DATA VALIDATION REPORT

Date: July 10, 2012
Laboratory: ALS Environmental (ALS), Holland, Michigan
Laboratory Project #: 1206577
Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON®) Superfund Technical Assessment and Response Team (START)
Weston Analytical Work Order #/TDD #: 20405.016.001.1731.00/S05-0001-1201-020

This data validation report has been prepared by WESTON START under the START III Region V contract. This report documents the data validation for 16 soil samples plus one trip blank collected for the Eastern Sandusky County Dumps Site that were analyzed for the following parameters and U.S. Environmental Protection Agency (U.S. EPA) methods:

- Volatile Organic Compounds (VOC) by SW-846 Method 8260
- Toxicity Characteristic Leaching Procedure (TCLP) VOCs by SW-846 Methods 1311 and 8260
- Semivolatile Organic Carbons (SVOC) by SW-846 Method 8270
- TCLP SVOCs by SW-846 Methods 1311 and 8270
- Polychlorinated Biphenyls (PCB) by SW-846 Method 8082
- Pesticides by SW-846 Method 8081
- TCLP Pesticides by SW-846 Methods 1311 and 8081
- Herbicides by SW-846 Method 8151
- TCLP Herbicides by SW-846 Methods 1311 and 8151
- Metals by SW-846 Methods 6020A and 7471A
- TCLP Metals by SW-846 Methods 1311, 6020A, and 7470A
- Hexavalent Chromium by SW-846 Method 7196A

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 Inorganic Superfund Data Review" dated January 2010. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1206577

VOCs by SW-846 METHOD 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
CP-SS01-061312	1206577-17	Soil	6/13/2012	6/20/2012
CP-SS02-061312	1206577-18	Soil	6/13/2012	6/20/2012
CP-SS03-061312	1206577-19	Soil	6/13/2012	6/20/2012
CP-SS04-061312	1206577-20	Soil	6/13/2012	6/20/2012
CP-SS05-061312	1206577-21	Soil	6/13/2012	6/20/2012
CP-SS06-061312	1206577-22	Soil	6/13/2012	6/20/2012
CP-SS07-061312	1206577-23	Soil	6/13/2012	6/20/2012
CP-SS08-061312	1206577-24	Soil	6/13/2012	6/21/2012
CP-SS09-061312	1206577-25	Soil	6/13/2012	6/21/2012
CP-SS10-061312	1206577-26	Soil	6/13/2012	6/21/2012
CP-SS11-061312	1206577-27	Soil	6/13/2012	6/21/2012
SR-SS01-061312	1206577-28	Soil	6/13/2012	6/20/2012
SR-SS02-061312	1206577-29	Soil	6/13/2012	6/21/2012
SR-SS03-061312	1206577-30	Soil	6/13/2012	6/21/2012
SR-SS-061312-DUP	1206577-31	Soil	6/13/2012	6/21/2012
SR-SS04-061312	1206577-32	Soil	6/13/2012	6/21/2012
Trip Blank	1206577-33	Soil	6/13/2012	6/21/2012

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 VOC analyses. The method blanks contained the following contaminants: acetone at 0.095 milligram per kilogram (mg/kg) and methyl acetate at 0.3715 mg/kg. The trip blank contained acetone at 0.11 mg/kg.

Because all detected methyl acetate results and acetone results were at a similar concentration to the method blank and trip blank concentrations (less than three times), they were flagged “U” as not detected.

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

An MS and MSD were analyzed using sample SR-SS01-061312 as the spiked sample. The percent recoveries and relative percent differences (RPD) were with QC limits except for as follows. Trichlorofluoromethane was detected low in the MS and MSD. In sample SR-SS01-061312, the quantitation limit for trichlorofluoromethane was flagged "UJ" as estimated due to potential matrix interference.

7. Field Duplicate Results

Sample SR-SS-061312-DUP is a field duplicate of sample SR-SS03-061312. Both samples contained no detection of target analytes (acetone was flagged as not detected based on blank concentrations) which indicates good correlation between the samples.

8. Overall Assessment

The VOC data are acceptable for use as qualified based on the information received.

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
CP-SS01-061312	1206577-01	Soil	6/13/2012	6/24/2012
CP-SS02-061312	1206577-02	Soil	6/13/2012	6/24/2012
CP-SS03-061312	1206577-03	Soil	6/13/2012	6/24/2012
CP-SS04-061312	1206577-04	Soil	6/13/2012	6/24/2012
CP-SS05-061312	1206577-05	Soil	6/13/2012	6/24/2012
CP-SS06-061312	1206577-06	Soil	6/13/2012	6/24/2012
CP-SS07-061312	1206577-07	Soil	6/13/2012	6/24/2012

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
CP-SS08-061312	1206577-08	Soil	6/13/2012	6/24/2012
CP-SS09-061312	1206577-09	Soil	6/13/2012	6/24/2012
CP-SS10-061312	1206577-10	Soil	6/13/2012	6/24/2012
CP-SS11-061312	1206577-11	Soil	6/13/2012	6/24/2012
SR-SS01-061312	1206577-12	Soil	6/13/2012	6/27/2012
SR-SS02-061312	1206577-13	Soil	6/13/2012	6/27/2012
SR-SS03-061312	1206577-14	Soil	6/13/2012	6/27/2012
SR-SS-061312-DUP	1206577-15	Soil	6/13/2012	6/27/2012
SR-SS04-061312	1206577-16	Soil	6/13/2012	6/27/2012

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 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 QC limits.

5. LCS Results

The LCS recoveries were within laboratory QC limits except for 1,1-dichloroethene which was detected one percent above the QC limit. No qualification was applied for this minor discrepancy.

6. MS and MSD Results

An MS and MSD were analyzed using sample SR-SS01-061312 as the spiked sample. The percent recoveries and RPDs were within QC limits.

7. Field Duplicate Results

Sample SR-SS-061312-DUP is a field duplicate of sample SR-SS03-061312. Both samples contained no detection of target analytes which indicates good correlation between the samples.

8. Overall Assessment

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

SVOCs BY SW-846 METHOD 8270

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
CP-SS01-061312	1206577-17	Soil	6/13/2012	6/22/2012	6/26/2012
CP-SS02-061312	1206577-18	Soil	6/13/2012	6/22/2012	6/26/2012
CP-SS03-061312	1206577-19	Soil	6/13/2012	6/25/2012	6/27/2012
CP-SS04-061312	1206577-20	Soil	6/13/2012	6/25/2012	6/26/2012
CP-SS05-061312	1206577-21	Soil	6/13/2012	6/25/2012	6/26/2012
CP-SS06-061312	1206577-22	Soil	6/13/2012	6/25/2012	6/26/2012
CP-SS07-061312	1206577-23	Soil	6/13/2012	6/25/2012	6/26/2012
CP-SS08-061312	1206577-24	Soil	6/13/2012	6/25/2012	6/26/2012
CP-SS09-061312	1206577-25	Soil	6/13/2012	6/25/2012	6/27/2012
CP-SS10-061312	1206577-26	Soil	6/13/2012	6/25/2012	6/27/2012
CP-SS11-061312	1206577-27	Soil	6/13/2012	6/25/2012	6/26/2012
SR-SS01-061312	1206577-28	Soil	6/13/2012	6/25/2012	6/27/2012
SR-SS02-061312	1206577-29	Soil	6/13/2012	6/25/2012	6/26/2012
SR-SS03-061312	1206577-30	Soil	6/13/2012	6/25/2012	6/27/2012
SR-SS-061312-DUP	1206577-31	Soil	6/13/2012	6/25/2012	6/27/2012
SR-SS04-061312	1206577-32	Soil	6/13/2012	6/25/2012	6/27/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

Method blanks were analyzed with the SVOC analyses. The method blanks were free of target compound contamination above the reporting limits. Caprolactam and bis(2-ethylhexyl)phthalate was detected in method blanks below the reporting limit. The sample results were either non-detect or much greater than the method blank concentration and no qualifications were required.

4. Surrogate Results

The surrogate recoveries were within the laboratory-established QC limits except for as follows. In one sample, one of the six surrogates was detected slightly high, above the QC limit. However, the other five surrogates had good recovery. No qualification was required.

5. LCS Results

The percent recoveries for the LCS results were within the laboratory-established QC limits except for as follows.

In one of the LCSs analyzed, a few compounds were detected slight above the QC limit (1 to 4 percent). No qualifications were applied for this minor discrepancy.

In an LCS analyzed on 6/27/2012, 4-chloroanaline and carbazole were detected high. Because these compounds were not detected in the samples, no qualifications were required.

6. MS and MSD Results

One site-specific MS and MSD were analyzed using sample WP-B06-S01-061512 as the spiked sample. The percent recoveries and RPDs were with QC limits except for as follows. The percent recoveries for some compounds were detected slightly above the QC limits. However, these compounds were not detected in the sample and no qualifications were applied.

7. Field Duplicate Results

Sample SR-SS-061312-DUP is a field duplicate of sample SR-SS03-061312. There was definite evidence of sample heterogeneity associated with these samples. Some compounds were detected in one of the samples but not the other. For the two compounds that were detected in both samples, the RPDs were 48 and 88 percent.

8. Overall Assessment

The SVOC data are acceptable for use as qualified based on the information received.

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1206577

TCLP SVOCs BY SW-846 METHODS 1311 AND 8270

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
CP-SS01-061312	1206577-01	Soil	6/13/2012	6/21/2012	6/23/2012
CP-SS02-061312	1206577-02	Soil	6/13/2012	6/21/2012	6/23/2012
CP-SS03-061312	1206577-03	Soil	6/13/2012	6/26/2012	6/26/2012
CP-SS04-061312	1206577-04	Soil	6/13/2012	6/26/2012	6/26/2012
CP-SS05-061312	1206577-05	Soil	6/13/2012	6/26/2012	6/26/2012
CP-SS06-061312	1206577-06	Soil	6/13/2012	6/26/2012	6/26/2012
CP-SS07-061312	1206577-07	Soil	6/13/2012	6/26/2012	6/26/2012
CP-SS08-061312	1206577-08	Soil	6/13/2012	6/26/2012	6/26/2012
CP-SS09-061312	1206577-09	Soil	6/13/2012	6/26/2012	6/26/2012
CP-SS10-061312	1206577-10	Soil	6/13/2012	6/26/2012	6/26/2012
CP-SS11-061312	1206577-11	Soil	6/13/2012	6/26/2012	6/26/2012
SR-SS01-061312	1206577-12	Soil	6/13/2012	6/26/2012	6/26/2012
SR-SS02-061312	1206577-13	Soil	6/13/2012	6/26/2012	6/27/2012
SR-SS03-061312	1206577-14	Soil	6/13/2012	6/26/2012	6/27/2012
SR-SS-061312-DUP	1206577-15	Soil	6/13/2012	6/26/2012	6/27/2012
SR-SS04-061312	1206577-16	Soil	6/13/2012	6/26/2012	6/27/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

Method blanks were analyzed with the TCLP SVOC analyses. The method blanks were free of target compound contamination above the reporting limits.

4. Surrogate Results

The surrogate recoveries were within the laboratory-established QC limits.

5. LCS Results

The percent recoveries for the LCS results were within the laboratory-established QC limits.

6. MS and MSD Results

A site-specific MS and MSD were analyzed using sample CP-SS01-061312 as the spiked sample. The percent recoveries and RPDs were within QC limits except for as follows.

The RPD for hexachloro-1,3-butadiene was slightly outside the QC limits. Because this compound was not detected in the samples, no qualification is required.

7. Field Duplicate Results

Sample SR-SS-061312-DUP is a field duplicate of sample SR-SS03-061312. Both samples contained no detection of target analytes which indicates good correlation between the samples.

8. Overall Assessment

The TCLP SVOC data are acceptable for use based on the information received.

PCBs BY U.S. EPA SW-846 METHOD 8082

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
CP-SS01-061312	1206577-17	Soil	6/13/2012	6/21/2012	6/25/2012
CP-SS02-061312	1206577-18	Soil	6/13/2012	6/21/2012	6/25/2012
CP-SS03-061312	1206577-19	Soil	6/13/2012	6/21/2012	6/25/2012
CP-SS04-061312	1206577-20	Soil	6/13/2012	6/21/2012	6/25/2012
CP-SS05-061312	1206577-21	Soil	6/13/2012	6/21/2012	6/25/2012
CP-SS06-061312	1206577-22	Soil	6/13/2012	6/21/2012	6/25/2012
CP-SS07-061312	1206577-23	Soil	6/13/2012	6/21/2012	6/25/2012
CP-SS08-061312	1206577-24	Soil	6/13/2012	6/23/2012	6/26/2012
CP-SS09-061312	1206577-25	Soil	6/13/2012	6/23/2012	6/26/2012
CP-SS10-061312	1206577-26	Soil	6/13/2012	6/23/2012	6/26/2012
CP-SS11-061312	1206577-27	Soil	6/13/2012	6/23/2012	6/26/2012
SR-SS01-061312	1206577-28	Soil	6/13/2012	6/23/2012	6/26/2012
SR-SS02-061312	1206577-29	Soil	6/13/2012	6/23/2012	6/26/2012

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
SR-SS03-061312	1206577-30	Soil	6/13/2012	6/23/2012	6/26/2012
SR-SS-061312-DUP	1206577-31	Soil	6/13/2012	6/23/2012	6/26/2012
SR-SS04-061312	1206577-32	Soil	6/13/2012	6/23/2012	6/26/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

Method blanks were analyzed with the PCB analyses. The method blanks were free of target compound contamination above the reporting limit.

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

6. MS and MSD Results

One site-specific MS and MSD were analyzed using sample SR-SS01-061312 as the spiked sample. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

Sample SR-SS-061312-DUP is a field duplicate of sample SR-SS03-061312. The investigative sample had a detection of Aroclor 1254 at 0.16 mg/kg. However, the field duplicate did not contain any detection of PCBs. This indicates some sample heterogeneity associated with PCBs in these samples.

8. Overall Assessment

The PCB data are acceptable for use based on the information received.

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1206577

PESTICIDES BY U.S. EPA SW-846 METHOD 8081

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
CP-SS01-061312	1206577-17	Soil	6/13/2012	6/21/2012	6/26/2012
CP-SS02-061312	1206577-18	Soil	6/13/2012	6/21/2012	6/26/2012
CP-SS03-061312	1206577-19	Soil	6/13/2012	6/21/2012	6/26/2012
CP-SS04-061312	1206577-20	Soil	6/13/2012	6/21/2012	6/26/2012
CP-SS05-061312	1206577-21	Soil	6/13/2012	6/21/2012	6/26/2012
CP-SS06-061312	1206577-22	Soil	6/13/2012	6/21/2012	6/26/2012
CP-SS07-061312	1206577-23	Soil	6/13/2012	6/21/2012	6/26/2012
CP-SS08-061312	1206577-24	Soil	6/13/2012	6/23/2012	6/28/2012
CP-SS09-061312	1206577-25	Soil	6/13/2012	6/23/2012	6/28/2012
CP-SS10-061312	1206577-26	Soil	6/13/2012	6/23/2012	6/28/2012
CP-SS11-061312	1206577-27	Soil	6/13/2012	6/23/2012	6/28/2012
SR-SS01-061312	1206577-28	Soil	6/13/2012	6/23/2012	6/28/2012
SR-SS02-061312	1206577-29	Soil	6/13/2012	6/23/2012	6/28/2012
SR-SS03-061312	1206577-30	Soil	6/13/2012	6/23/2012	6/28/2012
SR-SS-061312-DUP	1206577-31	Soil	6/13/2012	6/23/2012	6/28/2012
SR-SS04-061312	1206577-32	Soil	6/13/2012	6/23/2012	6/28/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

Method blanks were analyzed with the pesticide analyses. The method blanks were free of target compound contamination above the reporting limit.

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

6. MS and MSD Results

One site-specific MS and MSD were analyzed using sample SR-SS01-061312 as the spiked sample. The percent recoveries and RPDs were with QC limits except for as follows. 4,4'-DDT; dieldrin; and endosulfan sulfate were detected high in the MS and/or MSD. Because these compounds were not detected in the spiked sample, no qualifications are required.

7. Field Duplicate Results

Sample SR-SS-061312-DUP is a field duplicate of sample SR-SS03-061312. The RPDs were calculated for the two detected pesticides. The RPDs were 0 and 23 percent which is acceptable.

8. Overall Assessment

The pesticide data are acceptable for use based on the information received.

TCLP PESTICIDES BY U.S. EPA SW-846 METHODS 1311 AND 8081

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
CP-SS01-061312	1206577-01	Soil	6/13/2012	6/25/2012	6/27/2012
CP-SS02-061312	1206577-02	Soil	6/13/2012	6/25/2012	6/28/2012
CP-SS03-061312	1206577-03	Soil	6/13/2012	6/25/2012	6/28/2012
CP-SS04-061312	1206577-04	Soil	6/13/2012	6/25/2012	6/28/2012
CP-SS05-061312	1206577-05	Soil	6/13/2012	6/26/2012	6/28/2012
CP-SS06-061312	1206577-06	Soil	6/13/2012	6/26/2012	6/28/2012
CP-SS07-061312	1206577-07	Soil	6/13/2012	6/26/2012	6/28/2012
CP-SS08-061312	1206577-08	Soil	6/13/2012	6/26/2012	6/28/2012
CP-SS09-061312	1206577-09	Soil	6/13/2012	6/26/2012	6/28/2012
CP-SS10-061312	1206577-10	Soil	6/13/2012	6/26/2012	6/28/2012
CP-SS11-061312	1206577-11	Soil	6/13/2012	6/26/2012	6/28/2012
SR-SS01-061312	1206577-12	Soil	6/13/2012	6/26/2012	6/28/2012
SR-SS02-061312	1206577-13	Soil	6/13/2012	6/26/2012	6/28/2012
SR-SS03-061312	1206577-14	Soil	6/13/2012	6/26/2012	6/28/2012

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
SR-SS-061312-DUP	1206577-15	Soil	6/13/2012	6/26/2012	6/28/2012
SR-SS04-061312	1206577-16	Soil	6/13/2012	6/26/2012	6/28/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

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

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

6. MS and MSD Results

Two site-specific MS and MSDs were analyzed using sample CP-SS01-061312 and SR-SS01-061312 as the spiked samples. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

Sample SR-SS-061312-DUP is a field duplicate of sample SR-SS03-061312. Both samples contained no detection of target analytes which indicates good correlation between the samples.

8. Overall Assessment

The TCLP pesticide data are acceptable for use based on the information received.

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1206577

HERBICIDES BY U.S. EPA SW-846 METHOD 8151

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
CP-SS01-061312	1206577-17	Soil	6/13/2012	6/20/2012	6/22/2012
CP-SS02-061312	1206577-18	Soil	6/13/2012	6/20/2012	6/22/2012
CP-SS03-061312	1206577-19	Soil	6/13/2012	6/20/2012	6/22/2012
CP-SS04-061312	1206577-20	Soil	6/13/2012	6/20/2012	6/22/2012
CP-SS05-061312	1206577-21	Soil	6/13/2012	6/20/2012	6/22/2012
CP-SS06-061312	1206577-22	Soil	6/13/2012	6/20/2012	6/22/2012
CP-SS07-061312	1206577-23	Soil	6/13/2012	6/20/2012	6/22/2012
CP-SS08-061312	1206577-24	Soil	6/13/2012	6/20/2012	6/22/2012
CP-SS09-061312	1206577-25	Soil	6/13/2012	6/20/2012	6/22/2012
CP-SS10-061312	1206577-26	Soil	6/13/2012	6/20/2012	6/22/2012
CP-SS11-061312	1206577-27	Soil	6/13/2012	6/20/2012	6/22/2012
SR-SS01-061312	1206577-28	Soil	6/13/2012	6/20/2012	6/22/2012
SR-SS02-061312	1206577-29	Soil	6/13/2012	6/20/2012	6/22/2012
SR-SS03-061312	1206577-30	Soil	6/13/2012	6/20/2012	6/22/2012
SR-SS-061312-DUP	1206577-31	Soil	6/13/2012	6/20/2012	6/22/2012
SR-SS04-061312	1206577-32	Soil	6/13/2012	6/20/2012	6/22/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

A method blank was analyzed with the herbicide analyses. The method blank was free of target compound contamination above the reporting limit.

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

6. MS and MSD Results

One site-specific MS and MSD were analyzed using sample SR-SS01-061312 as the spiked sample. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

Sample SR-SS-061312-DUP is a field duplicate of sample SR-SS03-061312. Both samples contained no detection of target analytes which indicates good correlation between the samples.

8. Overall Assessment

The herbicide data are acceptable for use based on the information received.

TCLP HERBICIDES BY U.S. EPA SW-846 METHODS 1311 AND 8151

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
CP-SS01-061312	1206577-01	Soil	6/13/2012	6/23/2012	6/25/2012
CP-SS02-061312	1206577-02	Soil	6/13/2012	6/23/2012	6/25/2012
CP-SS03-061312	1206577-03	Soil	6/13/2012	6/27/2012	6/28/2012
CP-SS04-061312	1206577-04	Soil	6/13/2012	6/27/2012	6/28/2012
CP-SS05-061312	1206577-05	Soil	6/13/2012	6/27/2012	6/28/2012
CP-SS06-061312	1206577-06	Soil	6/13/2012	6/27/2012	6/28/2012
CP-SS07-061312	1206577-07	Soil	6/13/2012	6/27/2012	6/28/2012
CP-SS08-061312	1206577-08	Soil	6/13/2012	6/27/2012	6/28/2012
CP-SS09-061312	1206577-09	Soil	6/13/2012	6/27/2012	6/28/2012
CP-SS10-061312	1206577-10	Soil	6/13/2012	6/27/2012	6/28/2012
CP-SS11-061312	1206577-11	Soil	6/13/2012	6/27/2012	6/28/2012
SR-SS01-061312	1206577-12	Soil	6/13/2012	6/27/2012	6/28/2012
SR-SS02-061312	1206577-13	Soil	6/13/2012	6/27/2012	6/28/2012
SR-SS03-061312	1206577-14	Soil	6/13/2012	6/27/2012	6/28/2012
SR-SS-061312-DUP	1206577-15	Soil	6/13/2012	6/27/2012	6/28/2012

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1206577

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
SR-SS04-061312	1206577-16	Soil	6/13/2012	6/27/2012	6/29/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

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

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

6. MS and MSD Results

One site-specific MS and MSD were analyzed using sample SR-SS01-061312 as the spiked sample. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

Sample SR-SS-061312-DUP is a field duplicate of sample SR-SS03-061312. Both samples contained no detection of target analytes which indicates good correlation between the samples.

8. Overall Assessment

The TCLP herbicide data are acceptable for use based on the information received.

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1206577

TOTAL METALS BY SW-846 METHODS 6020A AND 7471

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
CP-SS01-061312	1206577-17	Soil	6/13/2012	6/26/2012 – 6/28/2012
CP-SS02-061312	1206577-18	Soil	6/13/2012	6/26/2012 – 6/28/2012
CP-SS03-061312	1206577-19	Soil	6/13/2012	6/26/2012 – 6/28/2012
CP-SS04-061312	1206577-20	Soil	6/13/2012	6/26/2012 – 6/28/2012
CP-SS05-061312	1206577-21	Soil	6/13/2012	6/26/2012 – 6/28/2012
CP-SS06-061312	1206577-22	Soil	6/13/2012	6/26/2012 – 6/28/2012
CP-SS07-061312	1206577-23	Soil	6/13/2012	6/26/2012 – 6/28/2012
CP-SS08-061312	1206577-24	Soil	6/13/2012	6/26/2012 – 6/28/2012
CP-SS09-061312	1206577-25	Soil	6/13/2012	6/26/2012 – 6/28/2012
CP-SS10-061312	1206577-26	Soil	6/13/2012	6/27/2012 – 6/28/2012
CP-SS11-061312	1206577-27	Soil	6/13/2012	6/27/2012 – 6/28/2012
SR-SS01-061312	1206577-28	Soil	6/13/2012	6/26/2012 – 6/28/2012
SR-SS02-061312	1206577-29	Soil	6/13/2012	6/27/2012 – 6/28/2012
SR-SS03-061312	1206577-30	Soil	6/13/2012	6/27/2012 – 6/28/2012
SR-SS-061312-DUP	1206577-31	Soil	6/13/2012	6/27/2012 – 6/28/2012
SR-SS04-061312	1206577-32	Soil	6/13/2012	6/27/2012 – 6/28/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 28 days from sample collection to analysis for mercury and 180 days from sample collection to analysis for all other metals.

3. Blank Results

Method blanks were analyzed with the metals analysis. The blanks were free of target analyte contamination above the reporting limits. Some metals were detected below the reporting limits in the method blanks; however, the sample concentrations were either non-detect or much higher than the blank concentrations. No qualifications were required.

4. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

5. MS and MSD Results

A site-specific MS and MSD were analyzed using sample SR-SS01-061312 as the spiked sample. The percent recoveries and RPDs were within QC limits except for as follows.

In some instances, metals were not adequately recovered and the spike amount was more than four time lower than the sample concentration. In these cases, no qualification is required.

The following compounds were detected low in the MS and/or MSD: chromium, cobalt, selenium, silver, thallium, vanadium, antimony, arsenic, magnesium, potassium, and boron. Detected results for these metals were flagged "J" and the quantitation limits for non-detected results for these metals were flagged "UJ" as estimated due to potential matrix interferences.

6. Field Duplicate Results

Sample SR-SS-061312-DUP is a field duplicate of sample SR-SS03-061312. The RPDs were calculated for detected metals.

The RPDs ranged from 0 to 50 percent. None of the RPDs exceeded a standard QC limit of 50 RPD or less. The correlation between the field duplicate and investigative sample was acceptable for metals.

7. Overall Assessment

The metals data are acceptable for use as qualified based on the information received.

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1206577

TCLP METALS BY SW-846 METHODS 1311, 6020, AND 7470A

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
CP-SS01-061312	1206577-01	Soil	6/13/2012	6/22/2012 – 6/25/2012
CP-SS02-061312	1206577-02	Soil	6/13/2012	6/25/2012 – 6/26/2012
CP-SS03-061312	1206577-03	Soil	6/13/2012	6/26/2012
CP-SS04-061312	1206577-04	Soil	6/13/2012	6/26/2012
CP-SS05-061312	1206577-05	Soil	6/13/2012	6/26/2012 – 6/27/2012
CP-SS06-061312	1206577-06	Soil	6/13/2012	6/26/2012 – 6/27/2012
CP-SS07-061312	1206577-07	Soil	6/13/2012	6/27/2012 – 6/28/2012
CP-SS08-061312	1206577-08	Soil	6/13/2012	6/27/2012 – 6/28/2012
CP-SS09-061312	1206577-09	Soil	6/13/2012	6/27/2012 – 6/28/2012
CP-SS10-061312	1206577-10	Soil	6/13/2012	6/27/2012
CP-SS11-061312	1206577-11	Soil	6/13/2012	6/27/2012
SR-SS01-061312	1206577-12	Soil	6/13/2012	6/27/2012
SR-SS02-061312	1206577-13	Soil	6/13/2012	6/27/2012
SR-SS03-061312	1206577-14	Soil	6/13/2012	6/27/2012
SR-SS-061312-DUP	1206577-15	Soil	6/13/2012	6/27/2012
SR-SS04-061312	1206577-16	Soil	6/13/2012	6/27/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 28 days from sample collection to analysis for mercury and 180 days from sample collection to analysis for all other metals.

3. Blank Results

Method blanks were analyzed with the metals analysis. The blanks were free of target analyte contamination above the reporting limits. Some TCLP metals were detected below the reporting limit. However, the sample results were either non-detect or much greater than the method blank results and no qualifications were required.

4. LCS Results

The LCS recoveries were within the laboratory-established QC limits for target analytes.

5. MS and MSD Results

A site-specific MS and MSD were analyzed using sample SR-SS01-061312 as the spiked sample. The percent recoveries and RPDs were within QC limits except for as follows. In the MS only, barium and silver were detected slightly below the QC limit. Because the QC limit was met for the MSD and the discrepancy was minor, no qualifications were applied.

6. Field Duplicate Results

Sample SR-SS-061312-DUP is a field duplicate of sample SR-SS03-061312. The RPDs were calculated for detected metals.

The RPDs ranged from 0 to 48 percent. None of the RPDs exceeded a standard QC limit of 50 RPD or less. The correlation between the field duplicate and investigative sample was acceptable for TCLP metals.

7. Overall Assessment

The TCLP metals data are acceptable for use based on the information received.

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1206577

GENERAL CHEMISTRY PARAMETERS (Hexavalent Chromium by 7196A)

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
CP-SS01-061312	1206577-17	Soil	6/13/2012	6/27/2012
CP-SS02-061312	1206577-18	Soil	6/13/2012	6/27/2012
CP-SS03-061312	1206577-19	Soil	6/13/2012	6/27/2012
CP-SS04-061312	1206577-20	Soil	6/13/2012	6/27/2012
CP-SS05-061312	1206577-21	Soil	6/13/2012	6/27/2012
CP-SS06-061312	1206577-22	Soil	6/13/2012	6/27/2012
CP-SS07-061312	1206577-23	Soil	6/13/2012	6/27/2012
CP-SS08-061312	1206577-24	Soil	6/13/2012	6/27/2012
CP-SS09-061312	1206577-25	Soil	6/13/2012	6/27/2012
CP-SS10-061312	1206577-26	Soil	6/13/2012	6/27/2012
CP-SS11-061312	1206577-27	Soil	6/13/2012	6/27/2012
SR-SS01-061312	1206577-28	Soil	6/13/2012	6/27/2012
SR-SS02-061312	1206577-29	Soil	6/13/2012	6/27/2012
SR-SS03-061312	1206577-30	Soil	6/13/2012	6/27/2012
SR-SS-061312-DUP	1206577-31	Soil	6/13/2012	6/27/2012
SR-SS04-061312	1206577-32	Soil	6/13/2012	6/27/2012

2. Holding Times

The holding time of 30 days for hexavalent chromium analysis of solid samples was met.

3. Method Blanks

A method blank was analyzed with the hexavalent chromium analyses and was free of target analyte contamination above the reporting limit.

4. LCS Results

The percent recoveries were within QC limits for the LCSs analyzed.

5. MS and MSD Results

For hexavalent chromium, one site-specific MS and MSD were analyzed using sample SR-SS01-061312 as the spiked sample. The MS/MSD recovery was poor. The quantitation limit for sample SR-SS01-061312 was flagged "UJ" as estimated.

6. Field Duplicate Results

Sample SR-SS-061312-DUP is a field duplicate of sample SR-SS03-061312. Both samples were non-detect for hexavalent chromium indicating good correlation between the samples.

7. Overall Assessment

The hexavalent chromium data are acceptable for use based on the information received.

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1206577

ATTACHMENT

ALS ENVIRONMENTAL
RESULTS SUMMARY WITH QUALIFIERS

ALS Group USA, Corp

Date: 30-Jun-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
WorkOrder: **1206577**

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 Quantitation Limit
RPD	Relative Percent Difference
SD	Serial Dilution
TDL	Target Detection Limit

Units Reported	Description
% of sample	Percent of Sample
mg/Kg	Milligrams per Kilogram
mg/Kg-dry	Milligrams per Kilogram Dry Weight
mg/L	Milligrams per Liter

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206577
Sample ID: CP-SS01-061312 **Lab ID:** 1206577-01
Collection Date: 06/13/12 12:40 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **06/23/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	06/25/12 11:27 AM
2,4-D	ND		0.0050	mg/L	1	06/25/12 11:27 AM
Surr: DCAA	*108*		*30-150*	*%REC*	1	06/25/12 11:27 AM
TCLP PESTICIDES			**SW8081**		Prep Date: **06/25/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	06/27/12 11:40 PM
Endrin	ND		0.00050	mg/L	1	06/27/12 11:40 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/27/12 11:40 PM
Heptachlor	ND		0.00025	mg/L	1	06/27/12 11:40 PM
Methoxychlor	ND		0.0025	mg/L	1	06/27/12 11:40 PM
Toxaphene	ND		0.020	mg/L	1	06/27/12 11:40 PM
Surr: Decachlorobiphenyl	*52.0*		*30-135*	*%REC*	1	06/27/12 11:40 PM
Surr: Tetrachloro-m-xylene	*50.0*		*25-140*	*%REC*	1	06/27/12 11:40 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/22/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/25/12 02:55 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **06/20/12**	Analyst: **ML**
Arsenic	ND		0.010	mg/L	1	06/22/12 08:31 PM
Barium	**2.1**		**0.050**	**mg/L**	1	06/22/12 08:31 PM
Cadmium	**0.030**		**0.0020**	**mg/L**	1	06/22/12 08:31 PM
Chromium	ND		0.020	mg/L	1	06/22/12 08:31 PM
Lead	**0.037**		**0.010**	**mg/L**	1	06/22/12 08:31 PM
Selenium	ND		0.020	mg/L	1	06/22/12 08:31 PM
Silver	ND		0.0050	mg/L	1	06/22/12 08:31 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **06/21/12**	Analyst: **RM**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/23/12 05:02 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/23/12 05:02 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/23/12 05:02 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/23/12 05:02 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/23/12 05:02 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/23/12 05:02 PM
Hexachloroethane	ND		0.10	mg/L	1	06/23/12 05:02 PM
m-Cresol	ND		0.10	mg/L	1	06/23/12 05:02 PM
Nitrobenzene	ND		0.10	mg/L	1	06/23/12 05:02 PM
o-Cresol	ND		0.10	mg/L	1	06/23/12 05:02 PM
p-Cresol	ND		0.10	mg/L	1	06/23/12 05:02 PM
Pentachlorophenol	ND		0.40	mg/L	1	06/23/12 05:02 PM
Pyridine	ND		0.40	mg/L	1	06/23/12 05:02 PM
Surr: 2,4,6-Tribromophenol	*55.7*		*21-125*	*%REC*	1	06/23/12 05:02 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS01-061312
Lab ID: 1206577-01
Collection Date: 06/13/12 12:40 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*50.4*		*39-94*	*%REC*	1	06/23/12 05:02 PM
Surr: 2-Fluorophenol	*26.9*		*10-75*	*%REC*	1	06/23/12 05:02 PM
Surr: 4-Terphenyl-d14	*64.8*		*26-119*	*%REC*	1	06/23/12 05:02 PM
Surr: Nitrobenzene-d5	*51.6*		*41-104*	*%REC*	1	06/23/12 05:02 PM
Surr: Phenol-d6	*15.1*		*11-50*	*%REC*	1	06/23/12 05:02 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/19/12**	Analyst: **CW**
1,1-Dichloroethene	ND		0.020	mg/L	20	06/24/12 04:49 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/24/12 04:49 AM
2-Butanone	ND		0.20	mg/L	20	06/24/12 04:49 AM
Benzene	ND		0.020	mg/L	20	06/24/12 04:49 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/24/12 04:49 AM
Chlorobenzene	ND		0.020	mg/L	20	06/24/12 04:49 AM
Chloroform	ND		0.020	mg/L	20	06/24/12 04:49 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/24/12 04:49 AM
Trichloroethene	ND		0.020	mg/L	20	06/24/12 04:49 AM
Vinyl chloride	ND		0.020	mg/L	20	06/24/12 04:49 AM
Surr: 1,2-Dichloroethane-d4	*98.4*		*70-130*	*%REC*	20	06/24/12 04:49 AM
Surr: 4-Bromofluorobenzene	*96.4*		*70-130*	*%REC*	20	06/24/12 04:49 AM
Surr: Dibromofluoromethane	*93.4*		*70-130*	*%REC*	20	06/24/12 04:49 AM
Surr: Toluene-d8	*96.6*		*70-130*	*%REC*	20	06/24/12 04:49 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206577
Sample ID: CP-SS02-061312 **Lab ID:** 1206577-02
Collection Date: 06/13/12 12:50 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **06/23/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	06/25/12 11:36 AM
2,4-D	ND		0.0050	mg/L	1	06/25/12 11:36 AM
Surr: DCAA	*111*		*30-150*	*%REC*	1	06/25/12 11:36 AM
TCLP PESTICIDES			**SW8081**		Prep Date: **06/25/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	06/28/12 12:24 AM
Endrin	ND		0.00050	mg/L	1	06/28/12 12:24 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/28/12 12:24 AM
Heptachlor	ND		0.00025	mg/L	1	06/28/12 12:24 AM
Methoxychlor	ND		0.0025	mg/L	1	06/28/12 12:24 AM
Toxaphene	ND		0.020	mg/L	1	06/28/12 12:24 AM
Surr: Decachlorobiphenyl	*63.0*		*30-135*	*%REC*	1	06/28/12 12:24 AM
Surr: Tetrachloro-m-xylene	*43.0*		*25-140*	*%REC*	1	06/28/12 12:24 AM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/22/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/25/12 02:57 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **06/22/12**	Analyst: **CES**
Arsenic	ND		0.010	mg/L	1	06/26/12 04:26 PM
Barium	**2.3**		**0.050**	**mg/L**	1	06/26/12 04:26 PM
Cadmium	**0.091**		**0.0020**	**mg/L**	1	06/26/12 04:26 PM
Chromium	**0.033**		**0.020**	**mg/L**	1	06/26/12 04:26 PM
Lead	**0.25**		**0.010**	**mg/L**	1	06/26/12 04:26 PM
Selenium	ND		0.020	mg/L	1	06/26/12 04:26 PM
Silver	ND		0.0050	mg/L	1	06/26/12 04:26 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **06/21/12**	Analyst: **RM**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/23/12 06:12 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/23/12 06:12 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/23/12 06:12 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/23/12 06:12 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/23/12 06:12 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/23/12 06:12 PM
Hexachloroethane	ND		0.10	mg/L	1	06/23/12 06:12 PM
m-Cresol	ND		0.10	mg/L	1	06/23/12 06:12 PM
Nitrobenzene	ND		0.10	mg/L	1	06/23/12 06:12 PM
o-Cresol	ND		0.10	mg/L	1	06/23/12 06:12 PM
p-Cresol	ND		0.10	mg/L	1	06/23/12 06:12 PM
Pentachlorophenol	ND		0.40	mg/L	1	06/23/12 06:12 PM
Pyridine	ND		0.40	mg/L	1	06/23/12 06:12 PM
Surr: 2,4,6-Tribromophenol	*64.3*		*21-125*	*%REC*	1	06/23/12 06:12 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS02-061312
Lab ID: 1206577-02
Collection Date: 06/13/12 12:50 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*62.2*		*39-94*	*%REC*	1	06/23/12 06:12 PM
Surr: 2-Fluorophenol	*38.0*		*10-75*	*%REC*	1	06/23/12 06:12 PM
Surr: 4-Terphenyl-d14	*71.5*		*26-119*	*%REC*	1	06/23/12 06:12 PM
Surr: Nitrobenzene-d5	*62.2*		*41-104*	*%REC*	1	06/23/12 06:12 PM
Surr: Phenol-d6	*23.6*		*11-50*	*%REC*	1	06/23/12 06:12 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/19/12**	Analyst: **CW**
1,1-Dichloroethene	ND		0.020	mg/L	20	06/24/12 05:14 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/24/12 05:14 AM
2-Butanone	ND		0.20	mg/L	20	06/24/12 05:14 AM
Benzene	ND		0.020	mg/L	20	06/24/12 05:14 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/24/12 05:14 AM
Chlorobenzene	ND		0.020	mg/L	20	06/24/12 05:14 AM
Chloroform	ND		0.020	mg/L	20	06/24/12 05:14 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/24/12 05:14 AM
Trichloroethene	ND		0.020	mg/L	20	06/24/12 05:14 AM
Vinyl chloride	ND		0.020	mg/L	20	06/24/12 05:14 AM
Surr: 1,2-Dichloroethane-d4	*97.0*		*70-130*	*%REC*	20	06/24/12 05:14 AM
Surr: 4-Bromofluorobenzene	*97.6*		*70-130*	*%REC*	20	06/24/12 05:14 AM
Surr: Dibromofluoromethane	*92.6*		*70-130*	*%REC*	20	06/24/12 05:14 AM
Surr: Toluene-d8	*95.2*		*70-130*	*%REC*	20	06/24/12 05:14 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206577
Sample ID: CP-SS03-061312 **Lab ID:** 1206577-03
Collection Date: 06/13/12 01:10 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **06/27/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	06/28/12 09:42 PM
2,4-D	ND		0.0050	mg/L	1	06/28/12 09:42 PM
Surr: DCAA	*83.4*		*30-150*	*%REC*	1	06/28/12 09:42 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **06/25/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	06/28/12 12:39 AM
Endrin	ND		0.00050	mg/L	1	06/28/12 12:39 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/28/12 12:39 AM
Heptachlor	ND		0.00025	mg/L	1	06/28/12 12:39 AM
Methoxychlor	ND		0.0025	mg/L	1	06/28/12 12:39 AM
Toxaphene	ND		0.020	mg/L	1	06/28/12 12:39 AM
Surr: Decachlorobiphenyl	*59.0*		*30-135*	*%REC*	1	06/28/12 12:39 AM
Surr: Tetrachloro-m-xylene	*52.0*		*25-140*	*%REC*	1	06/28/12 12:39 AM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/25/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/26/12 12:42 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **06/22/12**	Analyst: **CES**
Arsenic	ND		0.010	mg/L	1	06/26/12 04:31 PM
Barium	**1.8**		**0.050**	**mg/L**	1	06/26/12 04:31 PM
Cadmium	**0.021**		**0.0020**	**mg/L**	1	06/26/12 04:31 PM
Chromium	ND		0.020	mg/L	1	06/26/12 04:31 PM
Lead	**0.098**		**0.010**	**mg/L**	1	06/26/12 04:31 PM
Selenium	ND		0.020	mg/L	1	06/26/12 04:31 PM
Silver	ND		0.0050	mg/L	1	06/26/12 04:31 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **06/26/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/26/12 08:31 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/26/12 08:31 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/26/12 08:31 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/26/12 08:31 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/26/12 08:31 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/26/12 08:31 PM
Hexachloroethane	ND		0.10	mg/L	1	06/26/12 08:31 PM
m-Cresol	ND		0.10	mg/L	1	06/26/12 08:31 PM
Nitrobenzene	ND		0.10	mg/L	1	06/26/12 08:31 PM
o-Cresol	ND		0.10	mg/L	1	06/26/12 08:31 PM
p-Cresol	ND		0.10	mg/L	1	06/26/12 08:31 PM
Pentachlorophenol	ND		0.40	mg/L	1	06/26/12 08:31 PM
Pyridine	ND		0.40	mg/L	1	06/26/12 08:31 PM
Surr: 2,4,6-Tribromophenol	*61.9*		*21-125*	*%REC*	1	06/26/12 08:31 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206577
Sample ID: CP-SS03-061312 **Lab ID:** 1206577-03
Collection Date: 06/13/12 01:10 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*53.0*		*39-94*	*%REC*	1	06/26/12 08:31 PM
Surr: 2-Fluorophenol	*37.6*		*10-75*	*%REC*	1	06/26/12 08:31 PM
Surr: 4-Terphenyl-d14	*65.9*		*26-119*	*%REC*	1	06/26/12 08:31 PM
Surr: Nitrobenzene-d5	*53.0*		*41-104*	*%REC*	1	06/26/12 08:31 PM
Surr: Phenol-d6	*24.7*		*11-50*	*%REC*	1	06/26/12 08:31 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/21/12**	Analyst: **CW**
1,1-Dichloroethene	ND		0.020	mg/L	20	06/24/12 05:38 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/24/12 05:38 AM
2-Butanone	ND		0.20	mg/L	20	06/24/12 05:38 AM
Benzene	ND		0.020	mg/L	20	06/24/12 05:38 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/24/12 05:38 AM
Chlorobenzene	ND		0.020	mg/L	20	06/24/12 05:38 AM
Chloroform	ND		0.020	mg/L	20	06/24/12 05:38 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/24/12 05:38 AM
Trichloroethene	ND		0.020	mg/L	20	06/24/12 05:38 AM
Vinyl chloride	ND		0.020	mg/L	20	06/24/12 05:38 AM
Surr: 1,2-Dichloroethane-d4	*91.2*		*70-130*	*%REC*	20	06/24/12 05:38 AM
Surr: 4-Bromofluorobenzene	*94.8*		*70-130*	*%REC*	20	06/24/12 05:38 AM
Surr: Dibromofluoromethane	*92.6*		*70-130*	*%REC*	20	06/24/12 05:38 AM
Surr: Toluene-d8	*98.6*		*70-130*	*%REC*	20	06/24/12 05:38 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206577
Sample ID: CP-SS04-061312 **Lab ID:** 1206577-04
Collection Date: 06/13/12 01:18 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **06/27/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	06/28/12 09:51 PM
2,4-D	ND		0.0050	mg/L	1	06/28/12 09:51 PM
Surr: DCAA	*70.6*		*30-150*	*%REC*	1	06/28/12 09:51 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **06/25/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	06/28/12 12:54 AM
Endrin	ND		0.00050	mg/L	1	06/28/12 12:54 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/28/12 12:54 AM
Heptachlor	ND		0.00025	mg/L	1	06/28/12 12:54 AM
Methoxychlor	ND		0.0025	mg/L	1	06/28/12 12:54 AM
Toxaphene	ND		0.020	mg/L	1	06/28/12 12:54 AM
Surr: Decachlorobiphenyl	*59.0*		*30-135*	*%REC*	1	06/28/12 12:54 AM
Surr: Tetrachloro-m-xylene	*49.0*		*25-140*	*%REC*	1	06/28/12 12:54 AM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/25/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/26/12 12:44 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **06/22/12**	Analyst: **CES**
Arsenic	ND		0.010	mg/L	1	06/26/12 04:36 PM
Barium	**2.6**		**0.050**	**mg/L**	1	06/26/12 04:36 PM
Cadmium	**0.061**		**0.0020**	**mg/L**	1	06/26/12 04:36 PM
Chromium	**0.070**		**0.020**	**mg/L**	1	06/26/12 04:36 PM
Lead	**0.44**		**0.010**	**mg/L**	1	06/26/12 04:36 PM
Selenium	ND		0.020	mg/L	1	06/26/12 04:36 PM
Silver	ND		0.0050	mg/L	1	06/26/12 04:36 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **06/26/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/26/12 09:01 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/26/12 09:01 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/26/12 09:01 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/26/12 09:01 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/26/12 09:01 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/26/12 09:01 PM
Hexachloroethane	ND		0.10	mg/L	1	06/26/12 09:01 PM
m-Cresol	ND		0.10	mg/L	1	06/26/12 09:01 PM
Nitrobenzene	ND		0.10	mg/L	1	06/26/12 09:01 PM
o-Cresol	ND		0.10	mg/L	1	06/26/12 09:01 PM
p-Cresol	ND		0.10	mg/L	1	06/26/12 09:01 PM
Pentachlorophenol	ND		0.40	mg/L	1	06/26/12 09:01 PM
Pyridine	ND		0.40	mg/L	1	06/26/12 09:01 PM
Surr: 2,4,6-Tribromophenol	*56.7*		*21-125*	*%REC*	1	06/26/12 09:01 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206577
Sample ID: CP-SS04-061312 **Lab ID:** 1206577-04
Collection Date: 06/13/12 01:18 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*49.1*		*39-94*	*%REC*	1	06/26/12 09:01 PM
Surr: 2-Fluorophenol	*38.3*		*10-75*	*%REC*	1	06/26/12 09:01 PM
Surr: 4-Terphenyl-d14	*62.9*		*26-119*	*%REC*	1	06/26/12 09:01 PM
Surr: Nitrobenzene-d5	*51.1*		*41-104*	*%REC*	1	06/26/12 09:01 PM
Surr: Phenol-d6	*25.2*		*11-50*	*%REC*	1	06/26/12 09:01 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/21/12**	Analyst: **CW**
1,1-Dichloroethene	ND		0.020	mg/L	20	06/24/12 06:03 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/24/12 06:03 AM
2-Butanone	ND		0.20	mg/L	20	06/24/12 06:03 AM
Benzene	ND		0.020	mg/L	20	06/24/12 06:03 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/24/12 06:03 AM
Chlorobenzene	ND		0.020	mg/L	20	06/24/12 06:03 AM
Chloroform	ND		0.020	mg/L	20	06/24/12 06:03 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/24/12 06:03 AM
Trichloroethene	ND		0.020	mg/L	20	06/24/12 06:03 AM
Vinyl chloride	ND		0.020	mg/L	20	06/24/12 06:03 AM
Surr: 1,2-Dichloroethane-d4	*91.2*		*70-130*	*%REC*	20	06/24/12 06:03 AM
Surr: 4-Bromofluorobenzene	*98.2*		*70-130*	*%REC*	20	06/24/12 06:03 AM
Surr: Dibromofluoromethane	*89.8*		*70-130*	*%REC*	20	06/24/12 06:03 AM
Surr: Toluene-d8	*96.8*		*70-130*	*%REC*	20	06/24/12 06:03 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206577
Sample ID: CP-SS05-061312 **Lab ID:** 1206577-05
Collection Date: 06/13/12 01:31 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **06/27/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	06/28/12 10:00 PM
2,4-D	ND		0.0050	mg/L	1	06/28/12 10:00 PM
Surr: DCAA	*74.6*		*30-150*	*%REC*	1	06/28/12 10:00 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **06/26/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	06/28/12 01:37 AM
Endrin	ND		0.00050	mg/L	1	06/28/12 01:37 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/28/12 01:37 AM
Heptachlor	ND		0.00025	mg/L	1	06/28/12 01:37 AM
Methoxychlor	ND		0.0025	mg/L	1	06/28/12 01:37 AM
Toxaphene	ND		0.020	mg/L	1	06/28/12 01:37 AM
Surr: Decachlorobiphenyl	*62.0*		*30-135*	*%REC*	1	06/28/12 01:37 AM
Surr: Tetrachloro-m-xylene	*55.0*		*25-140*	*%REC*	1	06/28/12 01:37 AM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/26/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/27/12 12:39 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **06/25/12**	Analyst: **CES**
Arsenic	ND		0.010	mg/L	1	06/26/12 08:52 PM
Barium	**2.0**		**0.050**	**mg/L**	1	06/26/12 08:52 PM
Cadmium	**0.025**		**0.0020**	**mg/L**	1	06/26/12 08:52 PM
Chromium	**0.024**		**0.020**	**mg/L**	1	06/26/12 08:52 PM
Lead	**0.30**		**0.010**	**mg/L**	1	06/26/12 08:52 PM
Selenium	ND		0.020	mg/L	1	06/26/12 08:52 PM
Silver	ND		0.0050	mg/L	1	06/26/12 08:52 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **06/26/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/26/12 09:30 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/26/12 09:30 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/26/12 09:30 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/26/12 09:30 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/26/12 09:30 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/26/12 09:30 PM
Hexachloroethane	ND		0.10	mg/L	1	06/26/12 09:30 PM
m-Cresol	ND		0.10	mg/L	1	06/26/12 09:30 PM
Nitrobenzene	ND		0.10	mg/L	1	06/26/12 09:30 PM
o-Cresol	ND		0.10	mg/L	1	06/26/12 09:30 PM
p-Cresol	ND		0.10	mg/L	1	06/26/12 09:30 PM
Pentachlorophenol	ND		0.40	mg/L	1	06/26/12 09:30 PM
Pyridine	ND		0.40	mg/L	1	06/26/12 09:30 PM
Surr: 2,4,6-Tribromophenol	*64.1*		*21-125*	*%REC*	1	06/26/12 09:30 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS05-061312
Lab ID: 1206577-05
Collection Date: 06/13/12 01:31 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*54.4*		*39-94*	*%REC*	1	06/26/12 09:30 PM
Surr: 2-Fluorophenol	*35.6*		*10-75*	*%REC*	1	06/26/12 09:30 PM
Surr: 4-Terphenyl-d14	*67.5*		*26-119*	*%REC*	1	06/26/12 09:30 PM
Surr: Nitrobenzene-d5	*55.4*		*41-104*	*%REC*	1	06/26/12 09:30 PM
Surr: Phenol-d6	*23.4*		*11-50*	*%REC*	1	06/26/12 09:30 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/22/12**	Analyst: **CW**
1,1-Dichloroethene	ND		0.020	mg/L	20	06/24/12 06:28 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/24/12 06:28 AM
2-Butanone	ND		0.20	mg/L	20	06/24/12 06:28 AM
Benzene	ND		0.020	mg/L	20	06/24/12 06:28 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/24/12 06:28 AM
Chlorobenzene	ND		0.020	mg/L	20	06/24/12 06:28 AM
Chloroform	ND		0.020	mg/L	20	06/24/12 06:28 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/24/12 06:28 AM
Trichloroethene	ND		0.020	mg/L	20	06/24/12 06:28 AM
Vinyl chloride	ND		0.020	mg/L	20	06/24/12 06:28 AM
Surr: 1,2-Dichloroethane-d4	*89.0*		*70-130*	*%REC*	20	06/24/12 06:28 AM
Surr: 4-Bromofluorobenzene	*95.0*		*70-130*	*%REC*	20	06/24/12 06:28 AM
Surr: Dibromofluoromethane	*89.4*		*70-130*	*%REC*	20	06/24/12 06:28 AM
Surr: Toluene-d8	*93.8*		*70-130*	*%REC*	20	06/24/12 06:28 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206577
Sample ID: CP-SS06-061312 **Lab ID:** 1206577-06
Collection Date: 06/13/12 01:38 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **06/27/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	06/28/12 10:10 PM
2,4-D	ND		0.0050	mg/L	1	06/28/12 10:10 PM
Surr: DCAA	*72.2*		*30-150*	*%REC*	1	06/28/12 10:10 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **06/26/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	06/28/12 01:52 AM
Endrin	ND		0.00050	mg/L	1	06/28/12 01:52 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/28/12 01:52 AM
Heptachlor	ND		0.00025	mg/L	1	06/28/12 01:52 AM
Methoxychlor	ND		0.0025	mg/L	1	06/28/12 01:52 AM
Toxaphene	ND		0.020	mg/L	1	06/28/12 01:52 AM
Surr: Decachlorobiphenyl	*50.0*		*30-135*	*%REC*	1	06/28/12 01:52 AM
Surr: Tetrachloro-m-xylene	*52.0*		*25-140*	*%REC*	1	06/28/12 01:52 AM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/26/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/27/12 12:41 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **06/25/12**	Analyst: **CES**
Arsenic	ND		0.010	mg/L	1	06/26/12 08:57 PM
Barium	**1.4**		**0.050**	**mg/L**	1	06/26/12 08:57 PM
Cadmium	**0.049**		**0.0020**	**mg/L**	1	06/26/12 08:57 PM
Chromium	ND		0.020	mg/L	1	06/26/12 08:57 PM
Lead	**1.5**		**0.010**	**mg/L**	1	06/26/12 08:57 PM
Selenium	ND		0.020	mg/L	1	06/26/12 08:57 PM
Silver	ND		0.0050	mg/L	1	06/26/12 08:57 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **06/26/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/26/12 10:00 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/26/12 10:00 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/26/12 10:00 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/26/12 10:00 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/26/12 10:00 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/26/12 10:00 PM
Hexachloroethane	ND		0.10	mg/L	1	06/26/12 10:00 PM
m-Cresol	ND		0.10	mg/L	1	06/26/12 10:00 PM
Nitrobenzene	ND		0.10	mg/L	1	06/26/12 10:00 PM
o-Cresol	ND		0.10	mg/L	1	06/26/12 10:00 PM
p-Cresol	ND		0.10	mg/L	1	06/26/12 10:00 PM
Pentachlorophenol	ND		0.40	mg/L	1	06/26/12 10:00 PM
Pyridine	ND		0.40	mg/L	1	06/26/12 10:00 PM
Surr: 2,4,6-Tribromophenol	*63.9*		*21-125*	*%REC*	1	06/26/12 10:00 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS06-061312
Lab ID: 1206577-06
Collection Date: 06/13/12 01:38 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*54.0*		*39-94*	*%REC*	1	06/26/12 10:00 PM
Surr: 2-Fluorophenol	*39.9*		*10-75*	*%REC*	1	06/26/12 10:00 PM
Surr: 4-Terphenyl-d14	*64.1*		*26-119*	*%REC*	1	06/26/12 10:00 PM
Surr: Nitrobenzene-d5	*55.5*		*41-104*	*%REC*	1	06/26/12 10:00 PM
Surr: Phenol-d6	*26.4*		*11-50*	*%REC*	1	06/26/12 10:00 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/22/12**	Analyst: **CW**
1,1-Dichloroethene	ND		0.020	mg/L	20	06/24/12 06:53 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/24/12 06:53 AM
2-Butanone	ND		0.20	mg/L	20	06/24/12 06:53 AM
Benzene	ND		0.020	mg/L	20	06/24/12 06:53 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/24/12 06:53 AM
Chlorobenzene	ND		0.020	mg/L	20	06/24/12 06:53 AM
Chloroform	ND		0.020	mg/L	20	06/24/12 06:53 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/24/12 06:53 AM
Trichloroethene	ND		0.020	mg/L	20	06/24/12 06:53 AM
Vinyl chloride	ND		0.020	mg/L	20	06/24/12 06:53 AM
Surr: 1,2-Dichloroethane-d4	*90.0*		*70-130*	*%REC*	20	06/24/12 06:53 AM
Surr: 4-Bromofluorobenzene	*97.4*		*70-130*	*%REC*	20	06/24/12 06:53 AM
Surr: Dibromofluoromethane	*88.2*		*70-130*	*%REC*	20	06/24/12 06:53 AM
Surr: Toluene-d8	*95.9*		*70-130*	*%REC*	20	06/24/12 06:53 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206577
Sample ID: CP-SS07-061312 **Lab ID:** 1206577-07
Collection Date: 06/13/12 01:48 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **06/27/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	06/28/12 10:19 PM
2,4-D	ND		0.0050	mg/L	1	06/28/12 10:19 PM
Surr: DCAA	*77.2*		*30-150*	*%REC*	1	06/28/12 10:19 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **06/26/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	06/28/12 02:07 AM
Endrin	ND		0.00050	mg/L	1	06/28/12 02:07 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/28/12 02:07 AM
Heptachlor	ND		0.00025	mg/L	1	06/28/12 02:07 AM
Methoxychlor	ND		0.0025	mg/L	1	06/28/12 02:07 AM
Toxaphene	ND		0.020	mg/L	1	06/28/12 02:07 AM
Surr: Decachlorobiphenyl	*55.0*		*30-135*	*%REC*	1	06/28/12 02:07 AM
Surr: Tetrachloro-m-xylene	*59.0*		*25-140*	*%REC*	1	06/28/12 02:07 AM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/26/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/27/12 12:44 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **06/26/12**	Analyst: **ML**
Arsenic	ND		0.010	mg/L	1	06/28/12 12:16 AM
Barium	**2.1**		**0.050**	**mg/L**	1	06/28/12 12:16 AM
Cadmium	**0.0072**		**0.0020**	**mg/L**	1	06/28/12 12:16 AM
Chromium	ND		0.020	mg/L	1	06/28/12 12:16 AM
Lead	**0.098**		**0.010**	**mg/L**	1	06/28/12 12:16 AM
Selenium	ND		0.020	mg/L	1	06/28/12 12:16 AM
Silver	ND		0.0050	mg/L	1	06/28/12 12:16 AM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **06/26/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/26/12 10:29 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/26/12 10:29 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/26/12 10:29 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/26/12 10:29 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/26/12 10:29 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/26/12 10:29 PM
Hexachloroethane	ND		0.10	mg/L	1	06/26/12 10:29 PM
m-Cresol	ND		0.10	mg/L	1	06/26/12 10:29 PM
Nitrobenzene	ND		0.10	mg/L	1	06/26/12 10:29 PM
o-Cresol	ND		0.10	mg/L	1	06/26/12 10:29 PM
p-Cresol	ND		0.10	mg/L	1	06/26/12 10:29 PM
Pentachlorophenol	ND		0.40	mg/L	1	06/26/12 10:29 PM
Pyridine	ND		0.40	mg/L	1	06/26/12 10:29 PM
Surr: 2,4,6-Tribromophenol	*56.7*		*21-125*	*%REC*	1	06/26/12 10:29 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS07-061312
Lab ID: 1206577-07
Collection Date: 06/13/12 01:48 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*50.0*		*39-94*	*%REC*	1	06/26/12 10:29 PM
Surr: 2-Fluorophenol	*38.1*		*10-75*	*%REC*	1	06/26/12 10:29 PM
Surr: 4-Terphenyl-d14	*62.4*		*26-119*	*%REC*	1	06/26/12 10:29 PM
Surr: Nitrobenzene-d5	*52.9*		*41-104*	*%REC*	1	06/26/12 10:29 PM
Surr: Phenol-d6	*25.2*		*11-50*	*%REC*	1	06/26/12 10:29 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/22/12**	Analyst: **CW**
1,1-Dichloroethene	ND		0.020	mg/L	20	06/24/12 07:18 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/24/12 07:18 AM
2-Butanone	ND		0.20	mg/L	20	06/24/12 07:18 AM
Benzene	ND		0.020	mg/L	20	06/24/12 07:18 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/24/12 07:18 AM
Chlorobenzene	ND		0.020	mg/L	20	06/24/12 07:18 AM
Chloroform	ND		0.020	mg/L	20	06/24/12 07:18 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/24/12 07:18 AM
Trichloroethene	ND		0.020	mg/L	20	06/24/12 07:18 AM
Vinyl chloride	ND		0.020	mg/L	20	06/24/12 07:18 AM
Surr: 1,2-Dichloroethane-d4	*92.0*		*70-130*	*%REC*	20	06/24/12 07:18 AM
Surr: 4-Bromofluorobenzene	*98.7*		*70-130*	*%REC*	20	06/24/12 07:18 AM
Surr: Dibromofluoromethane	*91.4*		*70-130*	*%REC*	20	06/24/12 07:18 AM
Surr: Toluene-d8	*95.5*		*70-130*	*%REC*	20	06/24/12 07:18 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206577
Sample ID: CP-SS08-061312 **Lab ID:** 1206577-08
Collection Date: 06/13/12 01:58 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **06/27/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	06/28/12 10:28 PM
2,4-D	ND		0.0050	mg/L	1	06/28/12 10:28 PM
Surr: DCAA	*82.6*		*30-150*	*%REC*	1	06/28/12 10:28 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **06/26/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	06/28/12 02:21 AM
Endrin	ND		0.00050	mg/L	1	06/28/12 02:21 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/28/12 02:21 AM
Heptachlor	ND		0.00025	mg/L	1	06/28/12 02:21 AM
Methoxychlor	ND		0.0025	mg/L	1	06/28/12 02:21 AM
Toxaphene	ND		0.020	mg/L	1	06/28/12 02:21 AM
Surr: Decachlorobiphenyl	*52.0*		*30-135*	*%REC*	1	06/28/12 02:21 AM
Surr: Tetrachloro-m-xylene	*54.0*		*25-140*	*%REC*	1	06/28/12 02:21 AM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/26/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/27/12 12:46 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **06/26/12**	Analyst: **ML**
Arsenic	ND		0.010	mg/L	1	06/28/12 12:22 AM
Barium	**2.9**		**0.050**	**mg/L**	1	06/28/12 12:22 AM
Cadmium	ND		0.0020	mg/L	1	06/28/12 12:22 AM
Chromium	ND		0.020	mg/L	1	06/28/12 12:22 AM
Lead	ND		0.010	mg/L	1	06/28/12 12:22 AM
Selenium	ND		0.020	mg/L	1	06/28/12 12:22 AM
Silver	ND		0.0050	mg/L	1	06/28/12 12:22 AM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **06/26/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/26/12 10:59 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/26/12 10:59 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/26/12 10:59 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/26/12 10:59 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/26/12 10:59 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/26/12 10:59 PM
Hexachloroethane	ND		0.10	mg/L	1	06/26/12 10:59 PM
m-Cresol	ND		0.10	mg/L	1	06/26/12 10:59 PM
Nitrobenzene	ND		0.10	mg/L	1	06/26/12 10:59 PM
o-Cresol	ND		0.10	mg/L	1	06/26/12 10:59 PM
p-Cresol	ND		0.10	mg/L	1	06/26/12 10:59 PM
Pentachlorophenol	ND		0.40	mg/L	1	06/26/12 10:59 PM
Pyridine	ND		0.40	mg/L	1	06/26/12 10:59 PM
Surr: 2,4,6-Tribromophenol	*64.1*		*21-125*	*%REC*	1	06/26/12 10:59 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS08-061312
Lab ID: 1206577-08
Collection Date: 06/13/12 01:58 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*54.9*		*39-94*	*%REC*	1	06/26/12 10:59 PM
Surr: 2-Fluorophenol	*40.0*		*10-75*	*%REC*	1	06/26/12 10:59 PM
Surr: 4-Terphenyl-d14	*64.6*		*26-119*	*%REC*	1	06/26/12 10:59 PM
Surr: Nitrobenzene-d5	*56.3*		*41-104*	*%REC*	1	06/26/12 10:59 PM
Surr: Phenol-d6	*26.6*		*11-50*	*%REC*	1	06/26/12 10:59 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/22/12**	Analyst: **CW**
1,1-Dichloroethene	ND		0.020	mg/L	20	06/24/12 07:43 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/24/12 07:43 AM
2-Butanone	ND		0.20	mg/L	20	06/24/12 07:43 AM
Benzene	ND		0.020	mg/L	20	06/24/12 07:43 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/24/12 07:43 AM
Chlorobenzene	ND		0.020	mg/L	20	06/24/12 07:43 AM
Chloroform	ND		0.020	mg/L	20	06/24/12 07:43 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/24/12 07:43 AM
Trichloroethene	ND		0.020	mg/L	20	06/24/12 07:43 AM
Vinyl chloride	ND		0.020	mg/L	20	06/24/12 07:43 AM
Surr: 1,2-Dichloroethane-d4	*92.7*		*70-130*	*%REC*	20	06/24/12 07:43 AM
Surr: 4-Bromofluorobenzene	*97.6*		*70-130*	*%REC*	20	06/24/12 07:43 AM
Surr: Dibromofluoromethane	*89.6*		*70-130*	*%REC*	20	06/24/12 07:43 AM
Surr: Toluene-d8	*96.6*		*70-130*	*%REC*	20	06/24/12 07:43 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206577
Sample ID: CP-SS09-061312 **Lab ID:** 1206577-09
Collection Date: 06/13/12 02:10 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **06/27/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	06/28/12 10:38 PM
2,4-D	ND		0.0050	mg/L	1	06/28/12 10:38 PM
Surr: DCAA	*82.4*		*30-150*	*%REC*	1	06/28/12 10:38 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **06/26/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	06/28/12 02:36 AM
Endrin	ND		0.00050	mg/L	1	06/28/12 02:36 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/28/12 02:36 AM
Heptachlor	ND		0.00025	mg/L	1	06/28/12 02:36 AM
Methoxychlor	ND		0.0025	mg/L	1	06/28/12 02:36 AM
Toxaphene	ND		0.020	mg/L	1	06/28/12 02:36 AM
Surr: Decachlorobiphenyl	*51.0*		*30-135*	*%REC*	1	06/28/12 02:36 AM
Surr: Tetrachloro-m-xylene	*56.0*		*25-140*	*%REC*	1	06/28/12 02:36 AM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/26/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/27/12 12:48 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **06/26/12**	Analyst: **ML**
Arsenic	ND		0.010	mg/L	1	06/28/12 12:29 AM
Barium	**1.2**		**0.050**	**mg/L**	1	06/28/12 12:29 AM
Cadmium	**0.017**		**0.0020**	**mg/L**	1	06/28/12 12:29 AM
Chromium	**0.023**		**0.020**	**mg/L**	1	06/28/12 12:29 AM
Lead	**0.050**		**0.010**	**mg/L**	1	06/28/12 12:29 AM
Selenium	ND		0.020	mg/L	1	06/28/12 12:29 AM
Silver	ND		0.0050	mg/L	1	06/28/12 12:29 AM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **06/26/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/26/12 11:28 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/26/12 11:28 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/26/12 11:28 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/26/12 11:28 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/26/12 11:28 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/26/12 11:28 PM
Hexachloroethane	ND		0.10	mg/L	1	06/26/12 11:28 PM
m-Cresol	ND		0.10	mg/L	1	06/26/12 11:28 PM
Nitrobenzene	ND		0.10	mg/L	1	06/26/12 11:28 PM
o-Cresol	ND		0.10	mg/L	1	06/26/12 11:28 PM
p-Cresol	ND		0.10	mg/L	1	06/26/12 11:28 PM
Pentachlorophenol	ND		0.40	mg/L	1	06/26/12 11:28 PM
Pyridine	ND		0.40	mg/L	1	06/26/12 11:28 PM
Surr: 2,4,6-Tribromophenol	*68.0*		*21-125*	*%REC*	1	06/26/12 11:28 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS09-061312
Lab ID: 1206577-09
Collection Date: 06/13/12 02:10 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*59.4*		*39-94*	*%REC*	1	06/26/12 11:28 PM
Surr: 2-Fluorophenol	*41.6*		*10-75*	*%REC*	1	06/26/12 11:28 PM
Surr: 4-Terphenyl-d14	*66.7*		*26-119*	*%REC*	1	06/26/12 11:28 PM
Surr: Nitrobenzene-d5	*59.8*		*41-104*	*%REC*	1	06/26/12 11:28 PM
Surr: Phenol-d6	*27.0*		*11-50*	*%REC*	1	06/26/12 11:28 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/22/12**	Analyst: **CW**
1,1-Dichloroethene	ND		0.020	mg/L	20	06/24/12 08:08 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/24/12 08:08 AM
2-Butanone	ND		0.20	mg/L	20	06/24/12 08:08 AM
Benzene	ND		0.020	mg/L	20	06/24/12 08:08 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/24/12 08:08 AM
Chlorobenzene	ND		0.020	mg/L	20	06/24/12 08:08 AM
Chloroform	ND		0.020	mg/L	20	06/24/12 08:08 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/24/12 08:08 AM
Trichloroethene	ND		0.020	mg/L	20	06/24/12 08:08 AM
Vinyl chloride	ND		0.020	mg/L	20	06/24/12 08:08 AM
Surr: 1,2-Dichloroethane-d4	*97.0*		*70-130*	*%REC*	20	06/24/12 08:08 AM
Surr: 4-Bromofluorobenzene	*100*		*70-130*	*%REC*	20	06/24/12 08:08 AM
Surr: Dibromofluoromethane	*93.4*		*70-130*	*%REC*	20	06/24/12 08:08 AM
Surr: Toluene-d8	*96.7*		*70-130*	*%REC*	20	06/24/12 08:08 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206577
Sample ID: CP-SS10-061312 **Lab ID:** 1206577-10
Collection Date: 06/13/12 02:22 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **06/27/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	06/28/12 10:47 PM
2,4-D	ND		0.0050	mg/L	1	06/28/12 10:47 PM
Surr: DCAA	*64.4*		*30-150*	*%REC*	1	06/28/12 10:47 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **06/26/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	06/28/12 02:51 AM
Endrin	ND		0.00050	mg/L	1	06/28/12 02:51 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/28/12 02:51 AM
Heptachlor	ND		0.00025	mg/L	1	06/28/12 02:51 AM
Methoxychlor	ND		0.0025	mg/L	1	06/28/12 02:51 AM
Toxaphene	ND		0.020	mg/L	1	06/28/12 02:51 AM
Surr: Decachlorobiphenyl	*56.0*		*30-135*	*%REC*	1	06/28/12 02:51 AM
Surr: Tetrachloro-m-xylene	*56.0*		*25-140*	*%REC*	1	06/28/12 02:51 AM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/26/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/27/12 12:50 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **06/27/12**	Analyst: **CES**
Arsenic	ND		0.010	mg/L	1	06/27/12 04:01 PM
Barium	**0.77**		**0.050**	**mg/L**	1	06/27/12 04:01 PM
Cadmium	**0.018**		**0.0020**	**mg/L**	1	06/27/12 04:01 PM
Chromium	ND		0.020	mg/L	1	06/27/12 04:01 PM
Lead	**0.39**		**0.010**	**mg/L**	1	06/27/12 04:01 PM
Selenium	ND		0.020	mg/L	1	06/27/12 04:01 PM
Silver	ND		0.0050	mg/L	1	06/27/12 04:01 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **06/26/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/26/12 11:57 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/26/12 11:57 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/26/12 11:57 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/26/12 11:57 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/26/12 11:57 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/26/12 11:57 PM
Hexachloroethane	ND		0.10	mg/L	1	06/26/12 11:57 PM
m-Cresol	ND		0.10	mg/L	1	06/26/12 11:57 PM
Nitrobenzene	ND		0.10	mg/L	1	06/26/12 11:57 PM
o-Cresol	ND		0.10	mg/L	1	06/26/12 11:57 PM
p-Cresol	ND		0.10	mg/L	1	06/26/12 11:57 PM
Pentachlorophenol	ND		0.40	mg/L	1	06/26/12 11:57 PM
Pyridine	ND		0.40	mg/L	1	06/26/12 11:57 PM
Surr: 2,4,6-Tribromophenol	*63.6*		*21-125*	*%REC*	1	06/26/12 11:57 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS10-061312
Lab ID: 1206577-10
Collection Date: 06/13/12 02:22 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*55.8*		*39-94*	*%REC*	1	06/26/12 11:57 PM
Surr: 2-Fluorophenol	*37.5*		*10-75*	*%REC*	1	06/26/12 11:57 PM
Surr: 4-Terphenyl-d14	*64.4*		*26-119*	*%REC*	1	06/26/12 11:57 PM
Surr: Nitrobenzene-d5	*57.7*		*41-104*	*%REC*	1	06/26/12 11:57 PM
Surr: Phenol-d6	*25.6*		*11-50*	*%REC*	1	06/26/12 11:57 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/22/12**	Analyst: **CW**
1,1-Dichloroethene	ND		0.020	mg/L	20	06/24/12 08:33 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/24/12 08:33 AM
2-Butanone	ND		0.20	mg/L	20	06/24/12 08:33 AM
Benzene	ND		0.020	mg/L	20	06/24/12 08:33 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/24/12 08:33 AM
Chlorobenzene	ND		0.020	mg/L	20	06/24/12 08:33 AM
Chloroform	ND		0.020	mg/L	20	06/24/12 08:33 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/24/12 08:33 AM
Trichloroethene	ND		0.020	mg/L	20	06/24/12 08:33 AM
Vinyl chloride	ND		0.020	mg/L	20	06/24/12 08:33 AM
Surr: 1,2-Dichloroethane-d4	*94.6*		*70-130*	*%REC*	20	06/24/12 08:33 AM
Surr: 4-Bromofluorobenzene	*96.4*		*70-130*	*%REC*	20	06/24/12 08:33 AM
Surr: Dibromofluoromethane	*93.5*		*70-130*	*%REC*	20	06/24/12 08:33 AM
Surr: Toluene-d8	*96.2*		*70-130*	*%REC*	20	06/24/12 08:33 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206577
Sample ID: CP-SS11-061312 **Lab ID:** 1206577-11
Collection Date: 06/13/12 02:30 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **06/27/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	06/28/12 10:57 PM
2,4-D	ND		0.0050	mg/L	1	06/28/12 10:57 PM
Surr: DCAA	*83.4*		*30-150*	*%REC*	1	06/28/12 10:57 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **06/26/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	06/28/12 03:05 AM
Endrin	ND		0.00050	mg/L	1	06/28/12 03:05 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/28/12 03:05 AM
Heptachlor	ND		0.00025	mg/L	1	06/28/12 03:05 AM
Methoxychlor	ND		0.0025	mg/L	1	06/28/12 03:05 AM
Toxaphene	ND		0.020	mg/L	1	06/28/12 03:05 AM
Surr: Decachlorobiphenyl	*56.0*		*30-135*	*%REC*	1	06/28/12 03:05 AM
Surr: Tetrachloro-m-xylene	*58.0*		*25-140*	*%REC*	1	06/28/12 03:05 AM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/26/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/27/12 12:53 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **06/27/12**	Analyst: **CES**
Arsenic	ND		0.010	mg/L	1	06/27/12 04:06 PM
Barium	**0.74**		**0.050**	**mg/L**	1	06/27/12 04:06 PM
Cadmium	**0.017**		**0.0020**	**mg/L**	1	06/27/12 04:06 PM
Chromium	ND		0.020	mg/L	1	06/27/12 04:06 PM
Lead	**0.30**		**0.010**	**mg/L**	1	06/27/12 04:06 PM
Selenium	ND		0.020	mg/L	1	06/27/12 04:06 PM
Silver	ND		0.0050	mg/L	1	06/27/12 04:06 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **06/26/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/27/12 12:26 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/27/12 12:26 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/27/12 12:26 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/27/12 12:26 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/27/12 12:26 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/27/12 12:26 PM
Hexachloroethane	ND		0.10	mg/L	1	06/27/12 12:26 PM
m-Cresol	ND		0.10	mg/L	1	06/27/12 12:26 PM
Nitrobenzene	ND		0.10	mg/L	1	06/27/12 12:26 PM
o-Cresol	ND		0.10	mg/L	1	06/27/12 12:26 PM
p-Cresol	ND		0.10	mg/L	1	06/27/12 12:26 PM
Pentachlorophenol	ND		0.40	mg/L	1	06/27/12 12:26 PM
Pyridine	ND		0.40	mg/L	1	06/27/12 12:26 PM
Surr: 2,4,6-Tribromophenol	*63.7*		*21-125*	*%REC*	1	06/27/12 12:26 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS11-061312
Lab ID: 1206577-11
Collection Date: 06/13/12 02:30 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*54.7*		*39-94*	*%REC*	1	06/27/12 12:26 PM
Surr: 2-Fluorophenol	*41.6*		*10-75*	*%REC*	1	06/27/12 12:26 PM
Surr: 4-Terphenyl-d14	*66.7*		*26-119*	*%REC*	1	06/27/12 12:26 PM
Surr: Nitrobenzene-d5	*55.9*		*41-104*	*%REC*	1	06/27/12 12:26 PM
Surr: Phenol-d6	*28.3*		*11-50*	*%REC*	1	06/27/12 12:26 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/22/12**	Analyst: **CW**
1,1-Dichloroethene	ND		0.020	mg/L	20	06/24/12 08:58 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/24/12 08:58 AM
2-Butanone	ND		0.20	mg/L	20	06/24/12 08:58 AM
Benzene	ND		0.020	mg/L	20	06/24/12 08:58 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/24/12 08:58 AM
Chlorobenzene	ND		0.020	mg/L	20	06/24/12 08:58 AM
Chloroform	ND		0.020	mg/L	20	06/24/12 08:58 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/24/12 08:58 AM
Trichloroethene	ND		0.020	mg/L	20	06/24/12 08:58 AM
Vinyl chloride	ND		0.020	mg/L	20	06/24/12 08:58 AM
Surr: 1,2-Dichloroethane-d4	*93.5*		*70-130*	*%REC*	20	06/24/12 08:58 AM
Surr: 4-Bromofluorobenzene	*98.2*		*70-130*	*%REC*	20	06/24/12 08:58 AM
Surr: Dibromofluoromethane	*93.1*		*70-130*	*%REC*	20	06/24/12 08:58 AM
Surr: Toluene-d8	*97.8*		*70-130*	*%REC*	20	06/24/12 08:58 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS01-061312
Lab ID: 1206577-17
Collection Date: 06/13/12 12:40 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **06/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0057	mg/Kg-dry	1	06/22/12 06:04 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	06/22/12 06:04 PM
2,4-D	ND		0.0057	mg/Kg-dry	1	06/22/12 06:04 PM
Surr: DCAA	*108*		*30-150*	*%REC*	1	06/22/12 06:04 PM
PCBS			**SW8082**		Prep Date: **06/21/12**	Analyst: **JD**
Aroclor 1016	ND		0.044	mg/Kg-dry	1	06/25/12 01:07 PM
Aroclor 1221	ND		0.044	mg/Kg-dry	1	06/25/12 01:07 PM
Aroclor 1232	ND		0.044	mg/Kg-dry	1	06/25/12 01:07 PM
Aroclor 1242	ND		0.044	mg/Kg-dry	1	06/25/12 01:07 PM
Aroclor 1248	ND		0.044	mg/Kg-dry	1	06/25/12 01:07 PM
Aroclor 1254	**0.99**		**0.044**	**mg/Kg-dry**	1	06/25/12 01:07 PM
Aroclor 1260	ND		0.044	mg/Kg-dry	1	06/25/12 01:07 PM
Surr: Decachlorobiphenyl	*119*		*40-140*	*%REC*	1	06/25/12 01:07 PM
PESTICIDES			**SW8081**		Prep Date: **06/21/12**	Analyst: **JD**
4,4'-DDD	ND		0.11	mg/Kg-dry	10	06/26/12 12:13 AM
4,4'-DDE	ND		0.11	mg/Kg-dry	10	06/26/12 12:13 AM
4,4'-DDT	ND		0.11	mg/Kg-dry	10	06/26/12 12:13 AM
Aldrin	ND		0.11	mg/Kg-dry	10	06/26/12 12:13 AM
alpha-BHC	ND		0.11	mg/Kg-dry	10	06/26/12 12:13 AM
alpha-Chlordane	ND		0.11	mg/Kg-dry	10	06/26/12 12:13 AM
beta-BHC	ND		0.11	mg/Kg-dry	10	06/26/12 12:13 AM
Chlordane, Technical	ND		0.27	mg/Kg-dry	10	06/26/12 12:13 AM
delta-BHC	ND		0.11	mg/Kg-dry	10	06/26/12 12:13 AM
Dieldrin	ND		0.11	mg/Kg-dry	10	06/26/12 12:13 AM
Endosulfan I	ND		0.11	mg/Kg-dry	10	06/26/12 12:13 AM
Endosulfan II	ND		0.11	mg/Kg-dry	10	06/26/12 12:13 AM
Endosulfan sulfate	ND		0.11	mg/Kg-dry	10	06/26/12 12:13 AM
Endrin	ND		0.11	mg/Kg-dry	10	06/26/12 12:13 AM
Endrin aldehyde	ND		0.11	mg/Kg-dry	10	06/26/12 12:13 AM
Endrin ketone	ND		0.11	mg/Kg-dry	10	06/26/12 12:13 AM
gamma-BHC (Lindane)	ND		0.11	mg/Kg-dry	10	06/26/12 12:13 AM
gamma-Chlordane	ND		0.11	mg/Kg-dry	10	06/26/12 12:13 AM
Heptachlor	ND		0.11	mg/Kg-dry	10	06/26/12 12:13 AM
Heptachlor epoxide	ND		0.11	mg/Kg-dry	10	06/26/12 12:13 AM
Methoxychlor	ND		0.11	mg/Kg-dry	10	06/26/12 12:13 AM
Toxaphene	ND		0.65	mg/Kg-dry	10	06/26/12 12:13 AM
Surr: Decachlorobiphenyl	*120*		*45-135*	*%REC*	10	06/26/12 12:13 AM
Surr: Tetrachloro-m-xylene	*90.1*		*45-124*	*%REC*	10	06/26/12 12:13 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS01-061312
Collection Date: 06/13/12 12:40 PM

Work Order: 1206577
Lab ID: 1206577-17
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **06/26/12**	Analyst: **LR**
Mercury	**0.034**		**0.021**	**mg/Kg-dry**	1	06/26/12 03:21 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **06/26/12**	Analyst: **ML**
Aluminum	**7,300**		**9.0**	**mg/Kg-dry**	10	06/27/12 05:00 PM
Antimony	**5.9**		**4.5**	**mg/Kg-dry**	10	06/27/12 05:00 PM
Arsenic	**5.4**		**4.5**	**mg/Kg-dry**	10	06/27/12 05:00 PM
Barium	**490**		**4.5**	**mg/Kg-dry**	10	06/27/12 05:00 PM
Beryllium	ND		1.8	mg/Kg-dry	10	06/27/12 05:00 PM
Boron	ND		18	mg/Kg-dry	10	06/28/12 01:44 PM
Cadmium	ND		1.8	mg/Kg-dry	10	06/27/12 05:00 PM
Calcium	**21,000**		**450**	**mg/Kg-dry**	10	06/27/12 05:00 PM
Chromium	**110**		**4.5**	**mg/Kg-dry**	10	06/27/12 05:00 PM
Cobalt	**8.7**		**4.5**	**mg/Kg-dry**	10	06/27/12 05:00 PM
Copper	**19**		**4.5**	**mg/Kg-dry**	10	06/27/12 05:00 PM
Iron	**16,000**		**72**	**mg/Kg-dry**	10	06/27/12 05:00 PM
Lead	**480**		**4.5**	**mg/Kg-dry**	10	06/27/12 05:00 PM
Magnesium	**8,900**		**180**	**mg/Kg-dry**	10	06/27/12 05:00 PM
Manganese	**270**		**4.5**	**mg/Kg-dry**	10	06/27/12 05:00 PM
Nickel	**19**		**4.5**	**mg/Kg-dry**	10	06/27/12 05:00 PM
Potassium	**1,300**		**180**	**mg/Kg-dry**	10	06/27/12 05:00 PM
Selenium	ND		4.5	mg/Kg-dry	10	06/27/12 05:00 PM
Silver	ND		4.5	mg/Kg-dry	10	06/27/12 05:00 PM
Sodium	ND		180	mg/Kg-dry	10	06/27/12 05:00 PM
Thallium	ND		4.5	mg/Kg-dry	10	06/27/12 05:00 PM
Vanadium	**13**		**4.5**	**mg/Kg-dry**	10	06/27/12 05:00 PM
Zinc	**1,600**		**9.0**	**mg/Kg-dry**	10	06/27/12 05:00 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **06/22/12**	Analyst: **RM**
1,1`-Biphenyl	ND		0.37	mg/Kg-dry	1	06/26/12 10:01 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM
2,4-Dimethylphenol	ND		0.37	mg/Kg-dry	1	06/26/12 10:01 PM
2,4-Dinitrophenol	ND		0.73	mg/Kg-dry	1	06/26/12 10:01 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM
2-Chloronaphthalene	ND		0.089	mg/Kg-dry	1	06/26/12 10:01 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM
2-Methylnaphthalene	ND		0.089	mg/Kg-dry	1	06/26/12 10:01 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS01-061312
Lab ID: 1206577-17
Collection Date: 06/13/12 12:40 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.73	mg/Kg-dry	1	06/26/12 10:01 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM
3,3'-Dichlorobenzidine	ND		0.73	mg/Kg-dry	1	06/26/12 10:01 PM
3-Nitroaniline	ND		0.73	mg/Kg-dry	1	06/26/12 10:01 PM
4,6-Dinitro-2-methylphenol	ND		0.37	mg/Kg-dry	1	06/26/12 10:01 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM
4-Chloroaniline	ND		0.73	mg/Kg-dry	1	06/26/12 10:01 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM
4-Nitroaniline	ND		0.73	mg/Kg-dry	1	06/26/12 10:01 PM
4-Nitrophenol	ND		0.73	mg/Kg-dry	1	06/26/12 10:01 PM
Acenaphthene	ND		0.033	mg/Kg-dry	1	06/26/12 10:01 PM
Acenaphthylene	ND		0.033	mg/Kg-dry	1	06/26/12 10:01 PM
Acetophenone	ND		0.37	mg/Kg-dry	1	06/26/12 10:01 PM
Anthracene	ND		0.033	mg/Kg-dry	1	06/26/12 10:01 PM
Atrazine	ND		0.37	mg/Kg-dry	1	06/26/12 10:01 PM
Benzaldehyde	ND		0.37	mg/Kg-dry	1	06/26/12 10:01 PM
Benzo(a)anthracene	**0.037**		**0.033**	**mg/Kg-dry**	1	06/26/12 10:01 PM
Benzo(a)pyrene	**0.034**		**0.033**	**mg/Kg-dry**	1	06/26/12 10:01 PM
Benzo(b)fluoranthene	**0.077**		**0.033**	**mg/Kg-dry**	1	06/26/12 10:01 PM
Benzo(g,h,i)perylene	ND		0.033	mg/Kg-dry	1	06/26/12 10:01 PM
Benzo(k)fluoranthene	**0.043**		**0.033**	**mg/Kg-dry**	1	06/26/12 10:01 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM
Bis(2-ethylhexyl)phthalate	**1.2**		**0.37**	**mg/Kg-dry**	1	06/26/12 10:01 PM
Butyl benzyl phthalate	**0.33**		**0.18**	**mg/Kg-dry**	1	06/26/12 10:01 PM
Caprolactam	ND		0.37	mg/Kg-dry	1	06/26/12 10:01 PM
Carbazole	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM
Chrysene	**0.058**		**0.033**	**mg/Kg-dry**	1	06/26/12 10:01 PM
Dibenzo(a,h)anthracene	ND		0.033	mg/Kg-dry	1	06/26/12 10:01 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM
Diethyl phthalate	ND		0.37	mg/Kg-dry	1	06/26/12 10:01 PM
Dimethyl phthalate	ND		0.37	mg/Kg-dry	1	06/26/12 10:01 PM
Di-n-butyl phthalate	ND		0.37	mg/Kg-dry	1	06/26/12 10:01 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM
Fluoranthene	**0.074**		**0.033**	**mg/Kg-dry**	1	06/26/12 10:01 PM
Fluorene	ND		0.033	mg/Kg-dry	1	06/26/12 10:01 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS01-061312
Collection Date: 06/13/12 12:40 PM

Work Order: 1206577
Lab ID: 1206577-17
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM
Hexachlorocyclopentadiene	ND		0.37	mg/Kg-dry	1	06/26/12 10:01 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM
Indeno(1,2,3-cd)pyrene	ND		0.033	mg/Kg-dry	1	06/26/12 10:01 PM
Isophorone	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM
Naphthalene	**0.045**		**0.033**	**mg/Kg-dry**	1	06/26/12 10:01 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM
Pentachlorophenol	ND		0.37	mg/Kg-dry	1	06/26/12 10:01 PM
Phenanthrene	**0.058**		**0.033**	**mg/Kg-dry**	1	06/26/12 10:01 PM
Phenol	ND		0.18	mg/Kg-dry	1	06/26/12 10:01 PM
Pyrene	**0.076**		**0.033**	**mg/Kg-dry**	1	06/26/12 10:01 PM
Surr: 2,4,6-Tribromophenol	*87.5*		*34-140*	*%REC*	1	06/26/12 10:01 PM
Surr: 2-Fluorobiphenyl	*68.6*		*12-100*	*%REC*	1	06/26/12 10:01 PM
Surr: 2-Fluorophenol	*72.7*		*33-117*	*%REC*	1	06/26/12 10:01 PM
Surr: 4-Terphenyl-d14	*79.8*		*25-137*	*%REC*	1	06/26/12 10:01 PM
Surr: Nitrobenzene-d5	*59.6*		*37-107*	*%REC*	1	06/26/12 10:01 PM
Surr: Phenol-d6	*76.0*		*40-106*	*%REC*	1	06/26/12 10:01 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**		Prep Date: **06/20/12**	Analyst: **RS**
1,1,1-Trichloroethane	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
1,1,2,2-Tetrachloroethane	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
1,1,2-Trichloroethane	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
1,1,2-Trichlorotrifluoroethane	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
1,1-Dichloroethane	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
1,1-Dichloroethene	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
1,2,4-Trichlorobenzene	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
1,2-Dibromo-3-chloropropane	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
1,2-Dibromoethane	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
1,2-Dichlorobenzene	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
1,2-Dichloroethane	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
1,2-Dichloropropane	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
1,3-Dichlorobenzene	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
1,4-Dichlorobenzene	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
2-Butanone	ND		0.26	mg/Kg-dry	1	06/20/12 04:26 PM
2-Hexanone	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
4-Methyl-2-pentanone	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
Acetone	**0.23**	J	**0.13**	**mg/Kg-dry**	1	06/20/12 04:26 PM
Benzene	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
Bromodichloromethane	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

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7/6/12

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS01-061312
Lab ID: 1206577-17
Collection Date: 06/13/12 12:40 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
Bromomethane	ND		0.096	mg/Kg-dry	1	06/20/12 04:26 PM
Carbon disulfide	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
Carbon tetrachloride	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
Chlorobenzene	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
Chloroethane	ND		0.13	mg/Kg-dry	1	06/20/12 04:26 PM
Chloroform	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
Chloromethane	ND		0.13	mg/Kg-dry	1	06/20/12 04:26 PM
cis-1,2-Dichloroethene	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
cis-1,3-Dichloropropene	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
Cyclohexane	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
Dibromochloromethane	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
Dichlorodifluoromethane	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
Ethylbenzene	**0.080**		**0.039**	**mg/Kg-dry**	1	06/20/12 04:26 PM
Isopropylbenzene	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
Methyl acetate	**0.77**	U	**0.51**	**mg/Kg-dry**	1	06/20/12 04:26 PM
Methyl tert-butyl ether	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
Methylcyclohexane	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
Methylene chloride	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
Styrene	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
Tetrachloroethene	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
Toluene	**0.35**		**0.039**	**mg/Kg-dry**	1	06/20/12 04:26 PM
trans-1,2-Dichloroethene	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
trans-1,3-Dichloropropene	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
Trichloroethene	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
Trichlorofluoromethane	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
Vinyl chloride	ND		0.039	mg/Kg-dry	1	06/20/12 04:26 PM
Xylenes, Total	**5.3**		**0.12**	**mg/Kg-dry**	1	06/20/12 04:26 PM
Surr: 1,2-Dichloroethane-d4	*102*		*70-130*	*%REC*	1	06/20/12 04:26 PM
Surr: 4-Bromofluorobenzene	*94.7*		*70-130*	*%REC*	1	06/20/12 04:26 PM
Surr: Dibromofluoromethane	*99.4*		*70-130*	*%REC*	1	06/20/12 04:26 PM
Surr: Toluene-d8	*99.3*		*70-130*	*%REC*	1	06/20/12 04:26 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **06/25/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.57	mg/Kg-dry	1	06/27/12 04:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**13**		**0.050**	**% of sample**	1	06/18/12 06:09 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

7/6/12

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS02-061312
Lab ID: 1206577-18
Collection Date: 06/13/12 12:50 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **06/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0053	mg/Kg-dry	1	06/22/12 06:12 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	06/22/12 06:12 PM
2,4-D	ND		0.0053	mg/Kg-dry	1	06/22/12 06:12 PM
Surr: DCAA	*90.8*		*30-150*	*%REC*	1	06/22/12 06:12 PM
PCBS			**SW8082**		Prep Date: **06/21/12**	Analyst: **JD**
Aroclor 1016	ND		0.041	mg/Kg-dry	1	06/25/12 01:26 PM
Aroclor 1221	ND		0.041	mg/Kg-dry	1	06/25/12 01:26 PM
Aroclor 1232	ND		0.041	mg/Kg-dry	1	06/25/12 01:26 PM
Aroclor 1242	ND		0.041	mg/Kg-dry	1	06/25/12 01:26 PM
Aroclor 1248	ND		0.041	mg/Kg-dry	1	06/25/12 01:26 PM
Aroclor 1254	**0.55**		**0.041**	**mg/Kg-dry**	1	06/25/12 01:26 PM
Aroclor 1260	ND		0.041	mg/Kg-dry	1	06/25/12 01:26 PM
Surr: Decachlorobiphenyl	*114*		*40-140*	*%REC*	1	06/25/12 01:26 PM
PESTICIDES			**SW8081**		Prep Date: **06/21/12**	Analyst: **JD**
4,4'-DDD	ND		0.10	mg/Kg-dry	10	06/26/12 12:27 AM
4,4'-DDE	ND		0.10	mg/Kg-dry	10	06/26/12 12:27 AM
4,4'-DDT	ND		0.10	mg/Kg-dry	10	06/26/12 12:27 AM
Aldrin	ND		0.10	mg/Kg-dry	10	06/26/12 12:27 AM
alpha-BHC	ND		0.10	mg/Kg-dry	10	06/26/12 12:27 AM
alpha-Chlordane	ND		0.10	mg/Kg-dry	10	06/26/12 12:27 AM
beta-BHC	ND		0.10	mg/Kg-dry	10	06/26/12 12:27 AM
Chlordane, Technical	ND		0.26	mg/Kg-dry	10	06/26/12 12:27 AM
delta-BHC	ND		0.10	mg/Kg-dry	10	06/26/12 12:27 AM
Dieldrin	ND		0.10	mg/Kg-dry	10	06/26/12 12:27 AM
Endosulfan I	ND		0.10	mg/Kg-dry	10	06/26/12 12:27 AM
Endosulfan II	ND		0.10	mg/Kg-dry	10	06/26/12 12:27 AM
Endosulfan sulfate	ND		0.10	mg/Kg-dry	10	06/26/12 12:27 AM
Endrin	ND		0.10	mg/Kg-dry	10	06/26/12 12:27 AM
Endrin aldehyde	ND		0.10	mg/Kg-dry	10	06/26/12 12:27 AM
Endrin ketone	ND		0.10	mg/Kg-dry	10	06/26/12 12:27 AM
gamma-BHC (Lindane)	ND		0.10	mg/Kg-dry	10	06/26/12 12:27 AM
gamma-Chlordane	ND		0.10	mg/Kg-dry	10	06/26/12 12:27 AM
Heptachlor	ND		0.10	mg/Kg-dry	10	06/26/12 12:27 AM
Heptachlor epoxide	ND		0.10	mg/Kg-dry	10	06/26/12 12:27 AM
Methoxychlor	ND		0.10	mg/Kg-dry	10	06/26/12 12:27 AM
Toxaphene	ND		0.62	mg/Kg-dry	10	06/26/12 12:27 AM
Surr: Decachlorobiphenyl	*120*		*45-135*	*%REC*	10	06/26/12 12:27 AM
Surr: Tetrachloro-m-xylene	*90.1*		*45-124*	*%REC*	10	06/26/12 12:27 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS02-061312
Lab ID: 1206577-18
Collection Date: 06/13/12 12:50 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **06/26/12**	Analyst: **LR**
Mercury	**0.041**		**0.020**	**mg/Kg-dry**	1	06/26/12 03:24 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **06/26/12**	Analyst: **ML**
Aluminum	**2,100**		**1.7**	**mg/Kg-dry**	2	06/27/12 03:48 AM
Antimony	**4.0**		**0.84**	**mg/Kg-dry**	2	06/27/12 03:48 AM
Arsenic	**2.4**		**0.84**	**mg/Kg-dry**	2	06/27/12 03:48 AM
Barium	**490**		**4.2**	**mg/Kg-dry**	10	06/27/12 05:12 PM
Beryllium	ND		1.7	mg/Kg-dry	10	06/27/12 05:12 PM
Boron	ND		17	mg/Kg-dry	10	06/28/12 01:51 PM
Cadmium	**16**		**0.34**	**mg/Kg-dry**	2	06/27/12 03:48 AM
Calcium	**94,000**		**84,000**	**mg/Kg-dry**	2000	06/27/12 05:06 PM
Chromium	**48**		**0.84**	**mg/Kg-dry**	2	06/27/12 03:48 AM
Cobalt	**4.7**		**0.84**	**mg/Kg-dry**	2	06/27/12 03:48 AM
Copper	**18**		**0.84**	**mg/Kg-dry**	2	06/27/12 03:48 AM
Iron	**6,700**		**13**	**mg/Kg-dry**	2	06/27/12 03:48 AM
Lead	**370**		**4.2**	**mg/Kg-dry**	10	06/27/12 05:12 PM
Magnesium	**66,000**		**34,000**	**mg/Kg-dry**	2000	06/27/12 05:06 PM
Manganese	**210**		**0.84**	**mg/Kg-dry**	2	06/27/12 03:48 AM
Nickel	**7.1**		**0.84**	**mg/Kg-dry**	2	06/27/12 03:48 AM
Potassium	**380**		**34**	**mg/Kg-dry**	2	06/27/12 03:48 AM
Selenium	ND		0.84	mg/Kg-dry	2	06/27/12 03:48 AM
Silver	ND		0.84	mg/Kg-dry	2	06/27/12 03:48 AM
Sodium	**88**		**34**	**mg/Kg-dry**	2	06/27/12 03:48 AM
Thallium	ND		0.84	mg/Kg-dry	2	06/27/12 03:48 AM
Vanadium	**5.6**		**0.84**	**mg/Kg-dry**	2	06/27/12 03:48 AM
Zinc	**69,000**		**1,700**	**mg/Kg-dry**	2000	06/27/12 05:06 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **06/22/12**	Analyst: **RM**
1,1`-Biphenyl	ND		0.36	mg/Kg-dry	1	06/26/12 10:27 PM
2,4,5-Trichlorophenol	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM
2,4,6-Trichlorophenol	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM
2,4-Dichlorophenol	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM
2,4-Dimethylphenol	ND		0.36	mg/Kg-dry	1	06/26/12 10:27 PM
2,4-Dinitrophenol	ND		0.71	mg/Kg-dry	1	06/26/12 10:27 PM
2,4-Dinitrotoluene	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM
2,6-Dinitrotoluene	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM
2-Chloronaphthalene	ND		0.086	mg/Kg-dry	1	06/26/12 10:27 PM
2-Chlorophenol	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM
2-Methylnaphthalene	ND		0.086	mg/Kg-dry	1	06/26/12 10:27 PM
2-Methylphenol	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS02-061312
Collection Date: 06/13/12 12:50 PM

Work Order: 1206577
Lab ID: 1206577-18
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.71	mg/Kg-dry	1	06/26/12 10:27 PM
2-Nitrophenol	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM
3,3'-Dichlorobenzidine	ND		0.71	mg/Kg-dry	1	06/26/12 10:27 PM
3-Nitroaniline	ND		0.71	mg/Kg-dry	1	06/26/12 10:27 PM
4,6-Dinitro-2-methylphenol	ND		0.36	mg/Kg-dry	1	06/26/12 10:27 PM
4-Bromophenyl phenyl ether	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM
4-Chloro-3-methylphenol	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM
4-Chloroaniline	ND		0.71	mg/Kg-dry	1	06/26/12 10:27 PM
4-Chlorophenyl phenyl ether	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM
4-Methylphenol	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM
4-Nitroaniline	ND		0.71	mg/Kg-dry	1	06/26/12 10:27 PM
4-Nitrophenol	ND		0.71	mg/Kg-dry	1	06/26/12 10:27 PM
Acenaphthene	ND		0.032	mg/Kg-dry	1	06/26/12 10:27 PM
Acenaphthylene	ND		0.032	mg/Kg-dry	1	06/26/12 10:27 PM
Acetophenone	ND		0.36	mg/Kg-dry	1	06/26/12 10:27 PM
Anthracene	ND		0.032	mg/Kg-dry	1	06/26/12 10:27 PM
Atrazine	ND		0.36	mg/Kg-dry	1	06/26/12 10:27 PM
Benzaldehyde	ND		0.36	mg/Kg-dry	1	06/26/12 10:27 PM
Benzo(a)anthracene	**0.081**		**0.032**	**mg/Kg-dry**	1	06/26/12 10:27 PM
Benzo(a)pyrene	**0.10**		**0.032**	**mg/Kg-dry**	1	06/26/12 10:27 PM
Benzo(b)fluoranthene	**0.16**		**0.032**	**mg/Kg-dry**	1	06/26/12 10:27 PM
Benzo(g,h,i)perylene	**0.041**		**0.032**	**mg/Kg-dry**	1	06/26/12 10:27 PM
Benzo(k)fluoranthene	**0.11**		**0.032**	**mg/Kg-dry**	1	06/26/12 10:27 PM
Bis(2-chloroethoxy)methane	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM
Bis(2-chloroethyl)ether	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM
Bis(2-chloroisopropyl)ether	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM
Bis(2-ethylhexyl)phthalate	**1.3**		**0.36**	**mg/Kg-dry**	1	06/26/12 10:27 PM
Butyl benzyl phthalate	**0.28**		**0.17**	**mg/Kg-dry**	1	06/26/12 10:27 PM
Caprolactam	ND		0.36	mg/Kg-dry	1	06/26/12 10:27 PM
Carbazole	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM
Chrysene	**0.12**		**0.032**	**mg/Kg-dry**	1	06/26/12 10:27 PM
Dibenzo(a,h)anthracene	ND		0.032	mg/Kg-dry	1	06/26/12 10:27 PM
Dibenzofuran	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM
Diethyl phthalate	ND		0.36	mg/Kg-dry	1	06/26/12 10:27 PM
Dimethyl phthalate	ND		0.36	mg/Kg-dry	1	06/26/12 10:27 PM
Di-n-butyl phthalate	ND		0.36	mg/Kg-dry	1	06/26/12 10:27 PM
Di-n-octyl phthalate	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM
Fluoranthene	**0.21**		**0.032**	**mg/Kg-dry**	1	06/26/12 10:27 PM
Fluorene	ND		0.032	mg/Kg-dry	1	06/26/12 10:27 PM
Hexachlorobenzene	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS02-061312
Lab ID: 1206577-18
Collection Date: 06/13/12 12:50 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM
Hexachlorocyclopentadiene	ND		0.36	mg/Kg-dry	1	06/26/12 10:27 PM
Hexachloroethane	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM
Indeno(1,2,3-cd)pyrene	**0.036**		**0.032**	**mg/Kg-dry**	1	06/26/12 10:27 PM
Isophorone	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM
Naphthalene	ND		0.032	mg/Kg-dry	1	06/26/12 10:27 PM
Nitrobenzene	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM
N-Nitrosodi-n-propylamine	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM
N-Nitrosodiphenylamine	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM
Pentachlorophenol	ND		0.36	mg/Kg-dry	1	06/26/12 10:27 PM
Phenanthrene	**0.12**		**0.032**	**mg/Kg-dry**	1	06/26/12 10:27 PM
Phenol	ND		0.17	mg/Kg-dry	1	06/26/12 10:27 PM
Pyrene	**0.22**		**0.032**	**mg/Kg-dry**	1	06/26/12 10:27 PM
Surr: 2,4,6-Tribromophenol	*94.1*		*34-140*	*%REC*	1	06/26/12 10:27 PM
Surr: 2-Fluorobiphenyl	*70.6*		*12-100*	*%REC*	1	06/26/12 10:27 PM
Surr: 2-Fluorophenol	*81.3*		*33-117*	*%REC*	1	06/26/12 10:27 PM
Surr: 4-Terphenyl-d14	*90.7*		*25-137*	*%REC*	1	06/26/12 10:27 PM
Surr: Nitrobenzene-d5	*65.8*		*37-107*	*%REC*	1	06/26/12 10:27 PM
Surr: Phenol-d6	*83.3*		*40-106*	*%REC*	1	06/26/12 10:27 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**		Prep Date: **06/20/12**	Analyst: **RS**
1,1,1-Trichloroethane	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
1,1,2,2-Tetrachloroethane	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
1,1,2-Trichloroethane	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
1,1,2-Trichlorotrifluoroethane	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
1,1-Dichloroethane	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
1,1-Dichloroethene	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
1,2,4-Trichlorobenzene	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
1,2-Dibromo-3-chloropropane	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
1,2-Dibromoethane	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
1,2-Dichlorobenzene	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
1,2-Dichloroethane	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
1,2-Dichloropropane	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
1,3-Dichlorobenzene	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
1,4-Dichlorobenzene	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
2-Butanone	ND		0.25	mg/Kg-dry	1	06/20/12 04:51 PM
2-Hexanone	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
4-Methyl-2-pentanone	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
Acetone	**0.25**	*U*	**0.13**	**mg/Kg-dry**	1	06/20/12 04:51 PM
Benzene	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
Bromodichloromethane	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

7/6/12

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS02-061312
Lab ID: 1206577-18
Collection Date: 06/13/12 12:50 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
Bromomethane	ND		0.095	mg/Kg-dry	1	06/20/12 04:51 PM
Carbon disulfide	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
Carbon tetrachloride	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
Chlorobenzene	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
Chloroethane	ND		0.13	mg/Kg-dry	1	06/20/12 04:51 PM
Chloroform	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
Chloromethane	ND		0.13	mg/Kg-dry	1	06/20/12 04:51 PM
cis-1,2-Dichloroethene	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
cis-1,3-Dichloropropene	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
Cyclohexane	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
Dibromochloromethane	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
Dichlorodifluoromethane	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
Ethylbenzene	**0.23**		**0.038**	**mg/Kg-dry**	1	06/20/12 04:51 PM
Isopropylbenzene	**0.11**	J	**0.038**	**mg/Kg-dry**	1	06/20/12 04:51 PM
Methyl acetate	**0.63**		**0.51**	**mg/Kg-dry**	1	06/20/12 04:51 PM
Methyl tert-butyl ether	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
Methylcyclohexane	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
Methylene chloride	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
Styrene	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
Tetrachloroethene	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
Toluene	**0.12**		**0.038**	**mg/Kg-dry**	1	06/20/12 04:51 PM
trans-1,2-Dichloroethene	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
trans-1,3-Dichloropropene	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
Trichloroethene	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
Trichlorofluoromethane	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
Vinyl chloride	ND		0.038	mg/Kg-dry	1	06/20/12 04:51 PM
Xylenes, Total	**3.3**		**0.11**	**mg/Kg-dry**	1	06/20/12 04:51 PM
Surr: 1,2-Dichloroethane-d4	*97.8*		*70-130*	*%REC*	1	06/20/12 04:51 PM
Surr: 4-Bromofluorobenzene	*91.0*		*70-130*	*%REC*	1	06/20/12 04:51 PM
Surr: Dibromofluoromethane	*96.5*		*70-130*	*%REC*	1	06/20/12 04:51 PM
Surr: Toluene-d8	*93.2*		*70-130*	*%REC*	1	06/20/12 04:51 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **06/25/12**	Analyst: **MB**
Chromium, Hexavalent	**0.74**		**0.53**	**mg/Kg-dry**	1	06/27/12 04:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**7.5**		**0.050**	**% of sample**	1	06/18/12 06:09 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ZH
7/6/12

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS03-061312
Lab ID: 1206577-19
Collection Date: 06/13/12 01:10 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **06/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0053	mg/Kg-dry	1	06/22/12 06:21 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	06/22/12 06:21 PM
2,4-D	ND		0.0053	mg/Kg-dry	1	06/22/12 06:21 PM
Surr: DCAA	*99.2*		*30-150*	*%REC*	1	06/22/12 06:21 PM
PCBS			**SW8082**		Prep Date: **06/21/12**	Analyst: **JD**
Aroclor 1016	ND		0.042	mg/Kg-dry	1	06/25/12 01:46 PM
Aroclor 1221	ND		0.042	mg/Kg-dry	1	06/25/12 01:46 PM
Aroclor 1232	ND		0.042	mg/Kg-dry	1	06/25/12 01:46 PM
Aroclor 1242	ND		0.042	mg/Kg-dry	1	06/25/12 01:46 PM
Aroclor 1248	ND		0.042	mg/Kg-dry	1	06/25/12 01:46 PM
Aroclor 1254	**0.56**		**0.042**	**mg/Kg-dry**	1	06/25/12 01:46 PM
Aroclor 1260	ND		0.042	mg/Kg-dry	1	06/25/12 01:46 PM
Surr: Decachlorobiphenyl	*111*		*40-140*	*%REC*	1	06/25/12 01:46 PM
PESTICIDES			**SW8081**		Prep Date: **06/21/12**	Analyst: **JD**
4,4'-DDD	ND		0.21	mg/Kg-dry	20	06/26/12 12:42 AM
4,4'-DDE	ND		0.21	mg/Kg-dry	20	06/26/12 12:42 AM
4,4'-DDT	ND		0.21	mg/Kg-dry	20	06/26/12 12:42 AM
Aldrin	ND		0.21	mg/Kg-dry	20	06/26/12 12:42 AM
alpha-BHC	ND		0.21	mg/Kg-dry	20	06/26/12 12:42 AM
alpha-Chlordane	ND		0.21	mg/Kg-dry	20	06/26/12 12:42 AM
beta-BHC	ND		0.21	mg/Kg-dry	20	06/26/12 12:42 AM
Chlordane, Technical	ND		0.53	mg/Kg-dry	20	06/26/12 12:42 AM
delta-BHC	ND		0.21	mg/Kg-dry	20	06/26/12 12:42 AM
Dieldrin	ND		0.21	mg/Kg-dry	20	06/26/12 12:42 AM
Endosulfan I	ND		0.21	mg/Kg-dry	20	06/26/12 12:42 AM
Endosulfan II	ND		0.21	mg/Kg-dry	20	06/26/12 12:42 AM
Endosulfan sulfate	ND		0.21	mg/Kg-dry	20	06/26/12 12:42 AM
Endrin	ND		0.21	mg/Kg-dry	20	06/26/12 12:42 AM
Endrin aldehyde	ND		0.21	mg/Kg-dry	20	06/26/12 12:42 AM
Endrin ketone	ND		0.21	mg/Kg-dry	20	06/26/12 12:42 AM
gamma-BHC (Lindane)	ND		0.21	mg/Kg-dry	20	06/26/12 12:42 AM
gamma-Chlordane	ND		0.21	mg/Kg-dry	20	06/26/12 12:42 AM
Heptachlor	ND		0.21	mg/Kg-dry	20	06/26/12 12:42 AM
Heptachlor epoxide	ND		0.21	mg/Kg-dry	20	06/26/12 12:42 AM
Methoxychlor	ND		0.21	mg/Kg-dry	20	06/26/12 12:42 AM
Toxaphene	ND		1.3	mg/Kg-dry	20	06/26/12 12:42 AM
Surr: Decachlorobiphenyl	*120*		*45-135*	*%REC*	20	06/26/12 12:42 AM
Surr: Tetrachloro-m-xylene	*100*		*45-124*	*%REC*	20	06/26/12 12:42 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS03-061312
Lab ID: 1206577-19
Collection Date: 06/13/12 01:10 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **06/26/12**	Analyst: **LR**
Mercury	**0.041**		**0.021**	**mg/Kg-dry**	1	06/26/12 03:26 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **06/26/12**	Analyst: **ML**
Aluminum	**2,700**		**1.6**	**mg/Kg-dry**	2	06/27/12 03:54 AM
Antimony	**3.5**		**0.82**	**mg/Kg-dry**	2	06/27/12 03:54 AM
Arsenic	**3.1**		**0.82**	**mg/Kg-dry**	2	06/27/12 03:54 AM
Barium	**780**		**4.1**	**mg/Kg-dry**	10	06/27/12 05:24 PM
Beryllium	ND		1.6	mg/Kg-dry	10	06/27/12 05:24 PM
Boron	ND		16	mg/Kg-dry	10	06/28/12 01:57 PM
Cadmium	**1.7**		**0.33**	**mg/Kg-dry**	2	06/27/12 03:54 AM
Calcium	**170,000**		**1,600**	**mg/Kg-dry**	40	06/27/12 05:18 PM
Chromium	**44**		**0.82**	**mg/Kg-dry**	2	06/27/12 03:54 AM
Cobalt	**5.7**		**0.82**	**mg/Kg-dry**	2	06/27/12 03:54 AM
Copper	**16**		**0.82**	**mg/Kg-dry**	2	06/27/12 03:54 AM
Iron	**6,900**		**13**	**mg/Kg-dry**	2	06/27/12 03:54 AM
Lead	**300**		**4.1**	**mg/Kg-dry**	10	06/27/12 05:24 PM
Magnesium	**74,000**		**160**	**mg/Kg-dry**	10	06/27/12 05:24 PM
Manganese	**200**		**0.82**	**mg/Kg-dry**	2	06/27/12 03:54 AM
Nickel	**8.9**		**0.82**	**mg/Kg-dry**	2	06/27/12 03:54 AM
Potassium	**600**		**33**	**mg/Kg-dry**	2	06/27/12 03:54 AM
Selenium	ND		0.82	mg/Kg-dry	2	06/27/12 03:54 AM
Silver	ND		0.82	mg/Kg-dry	2	06/27/12 03:54 AM
Sodium	**100**		**33**	**mg/Kg-dry**	2	06/27/12 03:54 AM
Thallium	ND		0.82	mg/Kg-dry	2	06/27/12 03:54 AM
Vanadium	**7.4**		**0.82**	**mg/Kg-dry**	2	06/27/12 03:54 AM
Zinc	**3,600**		**33**	**mg/Kg-dry**	40	06/27/12 05:18 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **06/25/12**	Analyst: **RM**
1,1`-Biphenyl	ND		1.4	mg/Kg-dry	1	06/27/12 06:22 PM
2,4,5-Trichlorophenol	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM
2,4,6-Trichlorophenol	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM
2,4-Dichlorophenol	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM
2,4-Dimethylphenol	ND		1.4	mg/Kg-dry	1	06/27/12 06:22 PM
2,4-Dinitrophenol	ND		2.8	mg/Kg-dry	1	06/27/12 06:22 PM
2,4-Dinitrotoluene	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM
2,6-Dinitrotoluene	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM
2-Chloronaphthalene	ND		0.34	mg/Kg-dry	1	06/27/12 06:22 PM
2-Chlorophenol	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM
2-Methylnaphthalene	ND		0.34	mg/Kg-dry	1	06/27/12 06:22 PM
2-Methylphenol	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS03-061312
Lab ID: 1206577-19
Collection Date: 06/13/12 01:10 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		2.8	mg/Kg-dry	1	06/27/12 06:22 PM
2-Nitrophenol	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM
3,3'-Dichlorobenzidine	ND		2.8	mg/Kg-dry	1	06/27/12 06:22 PM
3-Nitroaniline	ND		2.8	mg/Kg-dry	1	06/27/12 06:22 PM
4,6-Dinitro-2-methylphenol	ND		1.4	mg/Kg-dry	1	06/27/12 06:22 PM
4-Bromophenyl phenyl ether	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM
4-Chloro-3-methylphenol	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM
4-Chloroaniline	ND		2.8	mg/Kg-dry	1	06/27/12 06:22 PM
4-Chlorophenyl phenyl ether	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM
4-Methylphenol	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM
4-Nitroaniline	ND		2.8	mg/Kg-dry	1	06/27/12 06:22 PM
4-Nitrophenol	ND		2.8	mg/Kg-dry	1	06/27/12 06:22 PM
Acenaphthene	ND		0.13	mg/Kg-dry	1	06/27/12 06:22 PM
Acenaphthylene	ND		0.13	mg/Kg-dry	1	06/27/12 06:22 PM
Acetophenone	ND		1.4	mg/Kg-dry	1	06/27/12 06:22 PM
Anthracene	ND		0.13	mg/Kg-dry	1	06/27/12 06:22 PM
Atrazine	ND		1.4	mg/Kg-dry	1	06/27/12 06:22 PM
Benzaldehyde	ND		1.4	mg/Kg-dry	1	06/27/12 06:22 PM
Benzo(a)anthracene	ND		0.13	mg/Kg-dry	1	06/27/12 06:22 PM
Benzo(a)pyrene	ND		1.3	mg/Kg-dry	10	06/26/12 05:05 PM
Benzo(b)fluoranthene	ND		1.3	mg/Kg-dry	10	06/26/12 05:05 PM
Benzo(g,h,i)perylene	ND		1.3	mg/Kg-dry	10	06/26/12 05:05 PM
Benzo(k)fluoranthene	ND		1.3	mg/Kg-dry	10	06/26/12 05:05 PM
Bis(2-chloroethoxy)methane	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM
Bis(2-chloroethyl)ether	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM
Bis(2-chloroisopropyl)ether	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM
Bis(2-ethylhexyl)phthalate	**1.6**		**1.4**	**mg/Kg-dry**	1	06/27/12 06:22 PM
Butyl benzyl phthalate	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM
Caprolactam	ND		1.4	mg/Kg-dry	1	06/27/12 06:22 PM
Carbazole	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM
Chrysene	**0.17**		**0.13**	**mg/Kg-dry**	1	06/27/12 06:22 PM
Dibenzo(a,h)anthracene	ND		1.3	mg/Kg-dry	10	06/26/12 05:05 PM
Dibenzofuran	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM
Diethyl phthalate	ND		1.4	mg/Kg-dry	1	06/27/12 06:22 PM
Dimethyl phthalate	ND		1.4	mg/Kg-dry	1	06/27/12 06:22 PM
Di-n-butyl phthalate	ND		1.4	mg/Kg-dry	1	06/27/12 06:22 PM
Di-n-octyl phthalate	ND		6.7	mg/Kg-dry	10	06/26/12 05:05 PM
Fluoranthene	**0.19**		**0.13**	**mg/Kg-dry**	1	06/27/12 06:22 PM
Fluorene	ND		0.13	mg/Kg-dry	1	06/27/12 06:22 PM
Hexachlorobenzene	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS03-061312
Collection Date: 06/13/12 01:10 PM

Work Order: 1206577
Lab ID: 1206577-19
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM
Hexachlorocyclopentadiene	ND		1.4	mg/Kg-dry	1	06/27/12 06:22 PM
Hexachloroethane	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM
Indeno(1,2,3-cd)pyrene	ND		1.3	mg/Kg-dry	10	06/26/12 05:05 PM
Isophorone	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM
Naphthalene	**0.29**		**0.13**	**mg/Kg-dry**	1	06/27/12 06:22 PM
Nitrobenzene	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM
N-Nitrosodi-n-propylamine	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM
N-Nitrosodiphenylamine	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM
Pentachlorophenol	ND		1.4	mg/Kg-dry	1	06/27/12 06:22 PM
Phenanthrene	ND		0.13	mg/Kg-dry	1	06/27/12 06:22 PM
Phenol	ND		0.67	mg/Kg-dry	1	06/27/12 06:22 PM
Pyrene	**0.20**		**0.13**	**mg/Kg-dry**	1	06/27/12 06:22 PM
Surr: 2,4,6-Tribromophenol	*125*		*34-140*	*%REC*	1	06/27/12 06:22 PM
Surr: 2-Fluorobiphenyl	*89.8*		*12-100*	*%REC*	1	06/27/12 06:22 PM
Surr: 2-Fluorophenol	*96.2*		*33-117*	*%REC*	1	06/27/12 06:22 PM
Surr: 4-Terphenyl-d14	*105*		*25-137*	*%REC*	1	06/27/12 06:22 PM
Surr: Nitrobenzene-d5	*83.0*		*37-107*	*%REC*	1	06/27/12 06:22 PM
Surr: Phenol-d6	*101*		*40-106*	*%REC*	1	06/27/12 06:22 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**		Prep Date: **06/20/12**	Analyst: **RS**
1,1,1-Trichloroethane	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
1,1,2,2-Tetrachloroethane	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
1,1,2-Trichloroethane	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
1,1,2-Trichlorotrifluoroethane	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
1,1-Dichloroethane	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
1,1-Dichloroethene	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
1,2,4-Trichlorobenzene	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
1,2-Dibromo-3-chloropropane	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
1,2-Dibromoethane	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
1,2-Dichlorobenzene	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
1,2-Dichloroethane	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
1,2-Dichloropropane	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
1,3-Dichlorobenzene	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
1,4-Dichlorobenzene	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
2-Butanone	ND		0.30	mg/Kg-dry	1	06/20/12 05:16 PM
2-Hexanone	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
4-Methyl-2-pentanone	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
Acetone	**0.33**	U	**0.15**	**mg/Kg-dry**	1	06/20/12 05:16 PM
Benzene	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
Bromodichloromethane	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

7/6/12

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS03-061312
Lab ID: 1206577-19
Collection Date: 06/13/12 01:10 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
Bromomethane	ND		0.11	mg/Kg-dry	1	06/20/12 05:16 PM
Carbon disulfide	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
Carbon tetrachloride	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
Chlorobenzene	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
Chloroethane	ND		0.15	mg/Kg-dry	1	06/20/12 05:16 PM
Chloroform	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
Chloromethane	ND		0.15	mg/Kg-dry	1	06/20/12 05:16 PM
cis-1,2-Dichloroethene	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
cis-1,3-Dichloropropene	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
Cyclohexane	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
Dibromochloromethane	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
Dichlorodifluoromethane	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
Ethylbenzene	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
Isopropylbenzene	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
Methyl acetate	**0.79**	U	**0.60**	**mg/Kg-dry**	1	06/20/12 05:16 PM
Methyl tert-butyl ether	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
Methylcyclohexane	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
Methylene chloride	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
Styrene	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
Tetrachloroethene	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
Toluene	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
trans-1,2-Dichloroethene	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
trans-1,3-Dichloropropene	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
Trichloroethene	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
Trichlorofluoromethane	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
Vinyl chloride	ND		0.045	mg/Kg-dry	1	06/20/12 05:16 PM
Xylenes, Total	**0.25**		**0.13**	**mg/Kg-dry**	1	06/20/12 05:16 PM
Surr: 1,2-Dichloroethane-d4	*97.8*		*70-130*	*%REC*	1	06/20/12 05:16 PM
Surr: 4-Bromofluorobenzene	*94.6*		*70-130*	*%REC*	1	06/20/12 05:16 PM
Surr: Dibromofluoromethane	*96.5*		*70-130*	*%REC*	1	06/20/12 05:16 PM
Surr: Toluene-d8	*110*		*70-130*	*%REC*	1	06/20/12 05:16 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **06/25/12**	Analyst: **MB**
Chromium, Hexavalent	**1.4**		**0.52**	**mg/Kg-dry**	1	06/27/12 04:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**5.1**		**0.050**	**% of sample**	1	06/18/12 06:09 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ZD 7/6/12

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS04-061312
Lab ID: 1206577-20
Collection Date: 06/13/12 01:18 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **06/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0052	mg/Kg-dry	1	06/22/12 06:29 PM
2,4,5-TP (Silvex)	ND		0.010	mg/Kg-dry	1	06/22/12 06:29 PM
2,4-D	ND		0.0052	mg/Kg-dry	1	06/22/12 06:29 PM
Surr: DCAA	*102*		*30-150*	*%REC*	1	06/22/12 06:29 PM
PCBS			**SW8082**		Prep Date: **06/21/12**	Analyst: **JD**
Aroclor 1016	ND		0.040	mg/Kg-dry	1	06/25/12 02:06 PM
Aroclor 1221	ND		0.040	mg/Kg-dry	1	06/25/12 02:06 PM
Aroclor 1232	ND		0.040	mg/Kg-dry	1	06/25/12 02:06 PM
Aroclor 1242	ND		0.040	mg/Kg-dry	1	06/25/12 02:06 PM
Aroclor 1248	ND		0.040	mg/Kg-dry	1	06/25/12 02:06 PM
Aroclor 1254	**0.23**		**0.040**	**mg/Kg-dry**	1	06/25/12 02:06 PM
Aroclor 1260	ND		0.040	mg/Kg-dry	1	06/25/12 02:06 PM
Surr: Decachlorobiphenyl	*109*		*40-140*	*%REC*	1	06/25/12 02:06 PM
PESTICIDES			**SW8081**		Prep Date: **06/21/12**	Analyst: **JD**
4,4'-DDD	ND		0.050	mg/Kg-dry	5	06/26/12 12:57 AM
4,4'-DDE	ND		0.050	mg/Kg-dry	5	06/26/12 12:57 AM
4,4'-DDT	ND		0.050	mg/Kg-dry	5	06/26/12 12:57 AM
Aldrin	ND		0.050	mg/Kg-dry	5	06/26/12 12:57 AM
alpha-BHC	ND		0.050	mg/Kg-dry	5	06/26/12 12:57 AM
alpha-Chlordane	ND		0.050	mg/Kg-dry	5	06/26/12 12:57 AM
beta-BHC	ND		0.050	mg/Kg-dry	5	06/26/12 12:57 AM
Chlordane, Technical	ND		0.13	mg/Kg-dry	5	06/26/12 12:57 AM
delta-BHC	ND		0.050	mg/Kg-dry	5	06/26/12 12:57 AM
Dieldrin	ND		0.050	mg/Kg-dry	5	06/26/12 12:57 AM
Endosulfan I	ND		0.050	mg/Kg-dry	5	06/26/12 12:57 AM
Endosulfan II	ND		0.050	mg/Kg-dry	5	06/26/12 12:57 AM
Endosulfan sulfate	ND		0.050	mg/Kg-dry	5	06/26/12 12:57 AM
Endrin	ND		0.050	mg/Kg-dry	5	06/26/12 12:57 AM
Endrin aldehyde	ND		0.050	mg/Kg-dry	5	06/26/12 12:57 AM
Endrin ketone	ND		0.050	mg/Kg-dry	5	06/26/12 12:57 AM
gamma-BHC (Lindane)	ND		0.050	mg/Kg-dry	5	06/26/12 12:57 AM
gamma-Chlordane	ND		0.050	mg/Kg-dry	5	06/26/12 12:57 AM
Heptachlor	ND		0.050	mg/Kg-dry	5	06/26/12 12:57 AM
Heptachlor epoxide	ND		0.050	mg/Kg-dry	5	06/26/12 12:57 AM
Methoxychlor	ND		0.050	mg/Kg-dry	5	06/26/12 12:57 AM
Toxaphene	ND		0.30	mg/Kg-dry	5	06/26/12 12:57 AM
Surr: Decachlorobiphenyl	*100*		*45-135*	*%REC*	5	06/26/12 12:57 AM
Surr: Tetrachloro-m-xylene	*90.1*		*45-124*	*%REC*	5	06/26/12 12:57 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS04-061312
Lab ID: 1206577-20
Collection Date: 06/13/12 01:18 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **06/26/12**	Analyst: **LR**
Mercury	**0.042**		**0.018**	**mg/Kg-dry**	1	06/26/12 03:28 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **06/26/12**	Analyst: **ML**
Aluminum	**2,300**		**1.6**	**mg/Kg-dry**	2	06/27/12 04:00 AM
Antimony	**6.0**		**0.78**	**mg/Kg-dry**	2	06/27/12 04:00 AM
Arsenic	**1.7**		**0.78**	**mg/Kg-dry**	2	06/27/12 04:00 AM
Barium	**560**		**3.9**	**mg/Kg-dry**	10	06/27/12 05:30 PM
Beryllium	ND		1.6	mg/Kg-dry	10	06/27/12 05:30 PM
Boron	ND		16	mg/Kg-dry	10	06/28/12 02:03 PM
Cadmium	**2.7**		**0.31**	**mg/Kg-dry**	2	06/27/12 04:00 AM
Calcium	**180,000**		**3,900**	**mg/Kg-dry**	100	06/27/12 05:49 PM
Chromium	**67**		**0.78**	**mg/Kg-dry**	2	06/27/12 04:00 AM
Cobalt	**2.5**		**0.78**	**mg/Kg-dry**	2	06/27/12 04:00 AM
Copper	**10**		**0.78**	**mg/Kg-dry**	2	06/27/12 04:00 AM
Iron	**6,400**		**12**	**mg/Kg-dry**	2	06/27/12 04:00 AM
Lead	**360**		**3.9**	**mg/Kg-dry**	10	06/27/12 05:30 PM
Magnesium	**80,000**		**160**	**mg/Kg-dry**	10	06/27/12 05:30 PM
Manganese	**180**		**0.78**	**mg/Kg-dry**	2	06/27/12 04:00 AM
Nickel	**9.6**		**0.78**	**mg/Kg-dry**	2	06/27/12 04:00 AM
Potassium	**610**		**31**	**mg/Kg-dry**	2	06/27/12 04:00 AM
Selenium	ND		0.78	mg/Kg-dry	2	06/27/12 04:00 AM
Silver	ND		0.78	mg/Kg-dry	2	06/27/12 04:00 AM
Sodium	**110**		**31**	**mg/Kg-dry**	2	06/27/12 04:00 AM
Thallium	ND		0.78	mg/Kg-dry	2	06/27/12 04:00 AM
Vanadium	**6.0**		**0.78**	**mg/Kg-dry**	2	06/27/12 04:00 AM
Zinc	**6,000**		**78**	**mg/Kg-dry**	100	06/27/12 05:49 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **06/25/12**	Analyst: **RM**
1,1`-Biphenyl	ND		1.7	mg/Kg-dry	5	06/26/12 02:51 PM
2,4,5-Trichlorophenol	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
2,4,6-Trichlorophenol	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
2,4-Dichlorophenol	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
2,4-Dimethylphenol	ND		1.7	mg/Kg-dry	5	06/26/12 02:51 PM
2,4-Dinitrophenol	ND		3.4	mg/Kg-dry	5	06/26/12 02:51 PM
2,4-Dinitrotoluene	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
2,6-Dinitrotoluene	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
2-Chloronaphthalene	ND		0.42	mg/Kg-dry	5	06/26/12 02:51 PM
2-Chlorophenol	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
2-Methylnaphthalene	ND		0.42	mg/Kg-dry	5	06/26/12 02:51 PM
2-Methylphenol	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS04-061312
Collection Date: 06/13/12 01:18 PM

Work Order: 1206577
Lab ID: 1206577-20
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		3.4	mg/Kg-dry	5	06/26/12 02:51 PM
2-Nitrophenol	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
3,3'-Dichlorobenzidine	ND		3.4	mg/Kg-dry	5	06/26/12 02:51 PM
3-Nitroaniline	ND		3.4	mg/Kg-dry	5	06/26/12 02:51 PM
4,6-Dinitro-2-methylphenol	ND		1.7	mg/Kg-dry	5	06/26/12 02:51 PM
4-Bromophenyl phenyl ether	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
4-Chloro-3-methylphenol	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
4-Chloroaniline	ND		3.4	mg/Kg-dry	5	06/26/12 02:51 PM
4-Chlorophenyl phenyl ether	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
4-Methylphenol	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
4-Nitroaniline	ND		3.4	mg/Kg-dry	5	06/26/12 02:51 PM
4-Nitrophenol	ND		3.4	mg/Kg-dry	5	06/26/12 02:51 PM
Acenaphthene	ND		0.16	mg/Kg-dry	5	06/26/12 02:51 PM
Acenaphthylene	ND		0.16	mg/Kg-dry	5	06/26/12 02:51 PM
Acetophenone	ND		1.7	mg/Kg-dry	5	06/26/12 02:51 PM
Anthracene	ND		0.16	mg/Kg-dry	5	06/26/12 02:51 PM
Atrazine	ND		1.7	mg/Kg-dry	5	06/26/12 02:51 PM
Benzaldehyde	ND		1.7	mg/Kg-dry	5	06/26/12 02:51 PM
Benzo(a)anthracene	ND		0.16	mg/Kg-dry	5	06/26/12 02:51 PM
Benzo(a)pyrene	ND		0.16	mg/Kg-dry	5	06/26/12 02:51 PM
Benzo(b)fluoranthene	ND		0.16	mg/Kg-dry	5	06/26/12 02:51 PM
Benzo(g,h,i)perylene	ND		0.16	mg/Kg-dry	5	06/26/12 02:51 PM
Benzo(k)fluoranthene	ND		0.16	mg/Kg-dry	5	06/26/12 02:51 PM
Bis(2-chloroethoxy)methane	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
Bis(2-chloroethyl)ether	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
Bis(2-chloroisopropyl)ether	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
Bis(2-ethylhexyl)phthalate	**1.7**		**1.7**	**mg/Kg-dry**	5	06/26/12 02:51 PM
Butyl benzyl phthalate	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
Caprolactam	ND		1.7	mg/Kg-dry	5	06/26/12 02:51 PM
Carbazole	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
Chrysene	ND		0.16	mg/Kg-dry	5	06/26/12 02:51 PM
Dibenzo(a,h)anthracene	ND		0.16	mg/Kg-dry	5	06/26/12 02:51 PM
Dibenzofuran	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
Diethyl phthalate	ND		1.7	mg/Kg-dry	5	06/26/12 02:51 PM
Dimethyl phthalate	ND		1.7	mg/Kg-dry	5	06/26/12 02:51 PM
Di-n-butyl phthalate	ND		1.7	mg/Kg-dry	5	06/26/12 02:51 PM
Di-n-octyl phthalate	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
Fluoranthene	ND		0.16	mg/Kg-dry	5	06/26/12 02:51 PM
Fluorene	ND		0.16	mg/Kg-dry	5	06/26/12 02:51 PM
Hexachlorobenzene	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS04-061312
Lab ID: 1206577-20
Collection Date: 06/13/12 01:18 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
Hexachlorocyclopentadiene	ND		1.7	mg/Kg-dry	5	06/26/12 02:51 PM
Hexachloroethane	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
Indeno(1,2,3-cd)pyrene	ND		0.16	mg/Kg-dry	5	06/26/12 02:51 PM
Isophorone	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
Naphthalene	ND		0.16	mg/Kg-dry	5	06/26/12 02:51 PM
Nitrobenzene	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
N-Nitrosodi-n-propylamine	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
N-Nitrosodiphenylamine	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
Pentachlorophenol	ND		1.7	mg/Kg-dry	5	06/26/12 02:51 PM
Phenanthrene	ND		0.16	mg/Kg-dry	5	06/26/12 02:51 PM
Phenol	ND		0.84	mg/Kg-dry	5	06/26/12 02:51 PM
Pyrene	ND		0.16	mg/Kg-dry	5	06/26/12 02:51 PM
Surr: 2,4,6-Tribromophenol	*98.9*		*34-140*	*%REC*	5	06/26/12 02:51 PM
Surr: 2-Fluorobiphenyl	*71.7*		*12-100*	*%REC*	5	06/26/12 02:51 PM
Surr: 2-Fluorophenol	*81.0*		*33-117*	*%REC*	5	06/26/12 02:51 PM
Surr: 4-Terphenyl-d14	*79.3*		*25-137*	*%REC*	5	06/26/12 02:51 PM
Surr: Nitrobenzene-d5	*70.2*		*37-107*	*%REC*	5	06/26/12 02:51 PM
Surr: Phenol-d6	*83.6*		*40-106*	*%REC*	5	06/26/12 02:51 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**		Prep Date: **06/20/12**	Analyst: **RS**
1,1,1-Trichloroethane	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
1,1,2,2-Tetrachloroethane	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
1,1,2-Trichloroethane	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
1,1,2-Trichlorotrifluoroethane	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
1,1-Dichloroethane	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
1,1-Dichloroethene	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
1,2,4-Trichlorobenzene	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
1,2-Dibromo-3-chloropropane	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
1,2-Dibromoethane	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
1,2-Dichlorobenzene	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
1,2-Dichloroethane	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
1,2-Dichloropropane	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
1,3-Dichlorobenzene	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
1,4-Dichlorobenzene	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
2-Butanone	ND		0.22	mg/Kg-dry	1	06/20/12 05:41 PM
2-Hexanone	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
4-Methyl-2-pentanone	**0.18**		**0.033**	**mg/Kg-dry**	1	06/20/12 05:41 PM
Acetone	**0.19**	U	**0.11**	**mg/Kg-dry**	1	06/20/12 05:41 PM
Benzene	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
Bromodichloromethane	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

LD
7/6/12

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS04-061312
Lab ID: 1206577-20
Collection Date: 06/13/12 01:18 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
Bromomethane	ND		0.083	mg/Kg-dry	1	06/20/12 05:41 PM
Carbon disulfide	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
Carbon tetrachloride	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
Chlorobenzene	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
Chloroethane	ND		0.11	mg/Kg-dry	1	06/20/12 05:41 PM
Chloroform	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
Chloromethane	ND		0.11	mg/Kg-dry	1	06/20/12 05:41 PM
cis-1,2-Dichloroethene	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
cis-1,3-Dichloropropene	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
Cyclohexane	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
Dibromochloromethane	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
Dichlorodifluoromethane	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
Ethylbenzene	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
Isopropylbenzene	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
Methyl acetate	**0.45**	V	**0.44**	**mg/Kg-dry**	1	06/20/12 05:41 PM
Methyl tert-butyl ether	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
Methylcyclohexane	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
Methylene chloride	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
Styrene	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
Tetrachloroethene	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
Toluene	**0.14**		**0.033**	**mg/Kg-dry**	1	06/20/12 05:41 PM
trans-1,2-Dichloroethene	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
trans-1,3-Dichloropropene	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
Trichloroethene	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
Trichlorofluoromethane	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
Vinyl chloride	ND		0.033	mg/Kg-dry	1	06/20/12 05:41 PM
Xylenes, Total	**0.31**		**0.099**	**mg/Kg-dry**	1	06/20/12 05:41 PM
Surr: 1,2-Dichloroethane-d4	*100*		*70-130*	*%REC*	1	06/20/12 05:41 PM
Surr: 4-Bromofluorobenzene	*95.3*		*70-130*	*%REC*	1	06/20/12 05:41 PM
Surr: Dibromofluoromethane	*98.9*		*70-130*	*%REC*	1	06/20/12 05:41 PM
Surr: Toluene-d8	*108*		*70-130*	*%REC*	1	06/20/12 05:41 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **06/25/12**	Analyst: **MB**
Chromium, Hexavalent	**3.7**		**0.52**	**mg/Kg-dry**	1	06/27/12 04:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**6.2**		**0.050**	**% of sample**	1	06/18/12 06:09 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

LD
7/6/12

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS05-061312
Lab ID: 1206577-21
Collection Date: 06/13/12 01:31 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **06/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0051	mg/Kg-dry	1	06/22/12 06:38 PM
2,4,5-TP (Silvex)	ND		0.010	mg/Kg-dry	1	06/22/12 06:38 PM
2,4-D	ND		0.0051	mg/Kg-dry	1	06/22/12 06:38 PM
Surr: DCAA	*101*		*30-150*	*%REC*	1	06/22/12 06:38 PM
PCBS			**SW8082**		Prep Date: **06/21/12**	Analyst: **JD**
Aroclor 1016	ND		0.039	mg/Kg-dry	1	06/25/12 02:26 PM
Aroclor 1221	ND		0.039	mg/Kg-dry	1	06/25/12 02:26 PM
Aroclor 1232	ND		0.039	mg/Kg-dry	1	06/25/12 02:26 PM
Aroclor 1242	ND		0.039	mg/Kg-dry	1	06/25/12 02:26 PM
Aroclor 1248	ND		0.039	mg/Kg-dry	1	06/25/12 02:26 PM
Aroclor 1254	**0.12**		**0.039**	**mg/Kg-dry**	1	06/25/12 02:26 PM
Aroclor 1260	ND		0.039	mg/Kg-dry	1	06/25/12 02:26 PM
Surr: Decachlorobiphenyl	*107*		*40-140*	*%REC*	1	06/25/12 02:26 PM
PESTICIDES			**SW8081**		Prep Date: **06/21/12**	Analyst: **JD**
4,4'-DDD	ND		0.098	mg/Kg-dry	10	06/26/12 01:11 AM
4,4'-DDE	ND		0.098	mg/Kg-dry	10	06/26/12 01:11 AM
4,4'-DDT	ND		0.098	mg/Kg-dry	10	06/26/12 01:11 AM
Aldrin	ND		0.098	mg/Kg-dry	10	06/26/12 01:11 AM
alpha-BHC	ND		0.098	mg/Kg-dry	10	06/26/12 01:11 AM
alpha-Chlordane	ND		0.098	mg/Kg-dry	10	06/26/12 01:11 AM
beta-BHC	ND		0.098	mg/Kg-dry	10	06/26/12 01:11 AM
Chlordane, Technical	ND		0.25	mg/Kg-dry	10	06/26/12 01:11 AM
delta-BHC	ND		0.098	mg/Kg-dry	10	06/26/12 01:11 AM
Dieldrin	ND		0.098	mg/Kg-dry	10	06/26/12 01:11 AM
Endosulfan I	ND		0.098	mg/Kg-dry	10	06/26/12 01:11 AM
Endosulfan II	ND		0.098	mg/Kg-dry	10	06/26/12 01:11 AM
Endosulfan sulfate	ND		0.098	mg/Kg-dry	10	06/26/12 01:11 AM
Endrin	ND		0.098	mg/Kg-dry	10	06/26/12 01:11 AM
Endrin aldehyde	ND		0.098	mg/Kg-dry	10	06/26/12 01:11 AM
Endrin ketone	ND		0.098	mg/Kg-dry	10	06/26/12 01:11 AM
gamma-BHC (Lindane)	ND		0.098	mg/Kg-dry	10	06/26/12 01:11 AM
gamma-Chlordane	ND		0.098	mg/Kg-dry	10	06/26/12 01:11 AM
Heptachlor	ND		0.098	mg/Kg-dry	10	06/26/12 01:11 AM
Heptachlor epoxide	ND		0.098	mg/Kg-dry	10	06/26/12 01:11 AM
Methoxychlor	ND		0.098	mg/Kg-dry	10	06/26/12 01:11 AM
Toxaphene	ND		0.59	mg/Kg-dry	10	06/26/12 01:11 AM
Surr: Decachlorobiphenyl	*110*		*45-135*	*%REC*	10	06/26/12 01:11 AM
Surr: Tetrachloro-m-xylene	*90.1*		*45-124*	*%REC*	10	06/26/12 01:11 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS05-061312
Collection Date: 06/13/12 01:31 PM

Work Order: 1206577
Lab ID: 1206577-21
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **06/26/12**	Analyst: **LR**
Mercury	ND		0.017	mg/Kg-dry	1	06/26/12 03:30 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **06/26/12**	Analyst: **ML**
Aluminum	**2,200**		**1.6**	**mg/Kg-dry**	2	06/27/12 04:06 AM
Antimony	**2.5**		**0.82**	**mg/Kg-dry**	2	06/27/12 04:06 AM
Arsenic	**1.4**		**0.82**	**mg/Kg-dry**	2	06/27/12 04:06 AM
Barium	**480**		**4.1**	**mg/Kg-dry**	10	06/27/12 06:01 PM
Beryllium	ND		1.6	mg/Kg-dry	10	06/27/12 06:01 PM
Boron	ND		16	mg/Kg-dry	10	06/28/12 02:09 PM
Cadmium	**6.3**		**0.33**	**mg/Kg-dry**	2	06/27/12 04:06 AM
Calcium	**180,000**		**4,100**	**mg/Kg-dry**	100	06/27/12 05:55 PM
Chromium	**29**		**0.82**	**mg/Kg-dry**	2	06/27/12 04:06 AM
Cobalt	**2.0**		**0.82**	**mg/Kg-dry**	2	06/27/12 04:06 AM
Copper	**7.6**		**0.82**	**mg/Kg-dry**	2	06/27/12 04:06 AM
Iron	**5,200**		**13**	**mg/Kg-dry**	2	06/27/12 04:06 AM
Lead	**200**		**0.82**	**mg/Kg-dry**	2	06/27/12 04:06 AM
Magnesium	**79,000**		**160**	**mg/Kg-dry**	10	06/27/12 06:01 PM
Manganese	**160**		**0.82**	**mg/Kg-dry**	2	06/27/12 04:06 AM
Nickel	**6.8**		**0.82**	**mg/Kg-dry**	2	06/27/12 04:06 AM
Potassium	**640**		**33**	**mg/Kg-dry**	2	06/27/12 04:06 AM
Selenium	**0.86**		**0.82**	**mg/Kg-dry**	2	06/27/12 04:06 AM
Silver	ND		0.82	mg/Kg-dry	2	06/27/12 04:06 AM
Sodium	**100**		**33**	**mg/Kg-dry**	2	06/27/12 04:06 AM
Thallium	ND		0.82	mg/Kg-dry	2	06/27/12 04:06 AM
Vanadium	**6.8**		**0.82**	**mg/Kg-dry**	2	06/27/12 04:06 AM
Zinc	**7,100**		**82**	**mg/Kg-dry**	100	06/27/12 05:55 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **06/25/12**	Analyst: **RM**
1,1`-Biphenyl	ND		1.7	mg/Kg-dry	5	06/26/12 09:07 PM
2,4,5-Trichlorophenol	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
2,4,6-Trichlorophenol	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
2,4-Dichlorophenol	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
2,4-Dimethylphenol	ND		1.7	mg/Kg-dry	5	06/26/12 09:07 PM
2,4-Dinitrophenol	ND		3.4	mg/Kg-dry	5	06/26/12 09:07 PM
2,4-Dinitrotoluene	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
2,6-Dinitrotoluene	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
2-Chloronaphthalene	ND		0.41	mg/Kg-dry	5	06/26/12 09:07 PM
2-Chlorophenol	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
2-Methylnaphthalene	ND		0.41	mg/Kg-dry	5	06/26/12 09:07 PM
2-Methylphenol	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS05-061312
Lab ID: 1206577-21
Collection Date: 06/13/12 01:31 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		3.4	mg/Kg-dry	5	06/26/12 09:07 PM
2-Nitrophenol	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
3,3'-Dichlorobenzidine	ND		3.4	mg/Kg-dry	5	06/26/12 09:07 PM
3-Nitroaniline	ND		3.4	mg/Kg-dry	5	06/26/12 09:07 PM
4,6-Dinitro-2-methylphenol	ND		1.7	mg/Kg-dry	5	06/26/12 09:07 PM
4-Bromophenyl phenyl ether	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
4-Chloro-3-methylphenol	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
4-Chloroaniline	ND		3.4	mg/Kg-dry	5	06/26/12 09:07 PM
4-Chlorophenyl phenyl ether	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
4-Methylphenol	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
4-Nitroaniline	ND		3.4	mg/Kg-dry	5	06/26/12 09:07 PM
4-Nitrophenol	ND		3.4	mg/Kg-dry	5	06/26/12 09:07 PM
Acenaphthene	ND		0.15	mg/Kg-dry	5	06/26/12 09:07 PM
Acenaphthylene	ND		0.15	mg/Kg-dry	5	06/26/12 09:07 PM
Acetophenone	ND		1.7	mg/Kg-dry	5	06/26/12 09:07 PM
Anthracene	ND		0.15	mg/Kg-dry	5	06/26/12 09:07 PM
Atrazine	ND		1.7	mg/Kg-dry	5	06/26/12 09:07 PM
Benzaldehyde	ND		1.7	mg/Kg-dry	5	06/26/12 09:07 PM
Benzo(a)anthracene	ND		0.15	mg/Kg-dry	5	06/26/12 09:07 PM
Benzo(a)pyrene	ND		0.15	mg/Kg-dry	5	06/26/12 09:07 PM
Benzo(b)fluoranthene	ND		0.15	mg/Kg-dry	5	06/26/12 09:07 PM
Benzo(g,h,i)perylene	ND		0.15	mg/Kg-dry	5	06/26/12 09:07 PM
Benzo(k)fluoranthene	ND		0.15	mg/Kg-dry	5	06/26/12 09:07 PM
Bis(2-chloroethoxy)methane	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
Bis(2-chloroethyl)ether	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
Bis(2-chloroisopropyl)ether	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
Bis(2-ethylhexyl)phthalate	ND		1.7	mg/Kg-dry	5	06/26/12 09:07 PM
Butyl benzyl phthalate	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
Caprolactam	ND		1.7	mg/Kg-dry	5	06/26/12 09:07 PM
Carbazole	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
Chrysene	ND		0.15	mg/Kg-dry	5	06/26/12 09:07 PM
Dibenzo(a,h)anthracene	ND		0.15	mg/Kg-dry	5	06/26/12 09:07 PM
Dibenzofuran	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
Diethyl phthalate	ND		1.7	mg/Kg-dry	5	06/26/12 09:07 PM
Dimethyl phthalate	ND		1.7	mg/Kg-dry	5	06/26/12 09:07 PM
Di-n-butyl phthalate	ND		1.7	mg/Kg-dry	5	06/26/12 09:07 PM
Di-n-octyl phthalate	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
Fluoranthene	ND		0.15	mg/Kg-dry	5	06/26/12 09:07 PM
Fluorene	ND		0.15	mg/Kg-dry	5	06/26/12 09:07 PM
Hexachlorobenzene	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS05-061312
Collection Date: 06/13/12 01:31 PM

Work Order: 1206577
Lab ID: 1206577-21
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
Hexachlorocyclopentadiene	ND		1.7	mg/Kg-dry	5	06/26/12 09:07 PM
Hexachloroethane	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
Indeno(1,2,3-cd)pyrene	ND		0.15	mg/Kg-dry	5	06/26/12 09:07 PM
Isophorone	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
Naphthalene	ND		0.15	mg/Kg-dry	5	06/26/12 09:07 PM
Nitrobenzene	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
N-Nitrosodi-n-propylamine	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
N-Nitrosodiphenylamine	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
Pentachlorophenol	ND		1.7	mg/Kg-dry	5	06/26/12 09:07 PM
Phenanthrene	ND		0.15	mg/Kg-dry	5	06/26/12 09:07 PM
Phenol	ND		0.82	mg/Kg-dry	5	06/26/12 09:07 PM
Pyrene	ND		0.15	mg/Kg-dry	5	06/26/12 09:07 PM
Surr: 2,4,6-Tribromophenol	*90.7*		*34-140*	*%REC*	5	06/26/12 09:07 PM
Surr: 2-Fluorobiphenyl	*71.8*		*12-100*	*%REC*	5	06/26/12 09:07 PM
Surr: 2-Fluorophenol	*80.5*		*33-117*	*%REC*	5	06/26/12 09:07 PM
Surr: 4-Terphenyl-d14	*80.5*		*25-137*	*%REC*	5	06/26/12 09:07 PM
Surr: Nitrobenzene-d5	*70.4*		*37-107*	*%REC*	5	06/26/12 09:07 PM
Surr: Phenol-d6	*82.1*		*40-106*	*%REC*	5	06/26/12 09:07 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**		Prep Date: **06/20/12**	Analyst: **RS**
1,1,1-Trichloroethane	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
1,1,2,2-Tetrachloroethane	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
1,1,2-Trichloroethane	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
1,1,2-Trichlorotrifluoroethane	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
1,1-Dichloroethane	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
1,1-Dichloroethene	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
1,2,4-Trichlorobenzene	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
1,2-Dibromo-3-chloropropane	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
1,2-Dibromoethane	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
1,2-Dichlorobenzene	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
1,2-Dichloroethane	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
1,2-Dichloropropane	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
1,3-Dichlorobenzene	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
1,4-Dichlorobenzene	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
2-Butanone	ND		0.22	mg/Kg-dry	1	06/20/12 06:32 PM
2-Hexanone	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
4-Methyl-2-pentanone	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
Acetone	**0.18**	**U**	**0.11**	**mg/Kg-dry**	1	06/20/12 06:32 PM
Benzene	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
Bromodichloromethane	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ZH 7/6/12

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS05-061312
Lab ID: 1206577-21
Collection Date: 06/13/12 01:31 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
Bromomethane	ND		0.081	mg/Kg-dry	1	06/20/12 06:32 PM
Carbon disulfide	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
Carbon tetrachloride	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
Chlorobenzene	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
Chloroethane	ND		0.11	mg/Kg-dry	1	06/20/12 06:32 PM
Chloroform	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
Chloromethane	ND		0.11	mg/Kg-dry	1	06/20/12 06:32 PM
cis-1,2-Dichloroethene	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
cis-1,3-Dichloropropene	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
Cyclohexane	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
Dibromochloromethane	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
Dichlorodifluoromethane	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
Ethylbenzene	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
Isopropylbenzene	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
Methyl acetate	**0.47**	J	**0.43**	**mg/Kg-dry**	1	06/20/12 06:32 PM
Methyl tert-butyl ether	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
Methylcyclohexane	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
Methylene chloride	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
Styrene	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
Tetrachloroethene	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
Toluene	**0.19**		**0.032**	**mg/Kg-dry**	1	06/20/12 06:32 PM
trans-1,2-Dichloroethene	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
trans-1,3-Dichloropropene	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
Trichloroethene	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
Trichlorofluoromethane	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
Vinyl chloride	ND		0.032	mg/Kg-dry	1	06/20/12 06:32 PM
Xylenes, Total	ND		0.097	mg/Kg-dry	1	06/20/12 06:32 PM
Surr: 1,2-Dichloroethane-d4	*103*		*70-130*	*%REC*	1	06/20/12 06:32 PM
Surr: 4-Bromofluorobenzene	*89.8*		*70-130*	*%REC*	1	06/20/12 06:32 PM
Surr: Dibromofluoromethane	*102*		*70-130*	*%REC*	1	06/20/12 06:32 PM
Surr: Toluene-d8	*103*		*70-130*	*%REC*	1	06/20/12 06:32 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **06/25/12**	Analyst: **MB**
Chromium, Hexavalent	**0.62**		**0.52**	**mg/Kg-dry**	1	06/27/12 04:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**4.5**		**0.050**	**% of sample**	1	06/18/12 06:09 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

JY 7/6/12

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS06-061312
Lab ID: 1206577-22
Collection Date: 06/13/12 01:38 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **06/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0050	mg/Kg-dry	1	06/22/12 06:46 PM
2,4,5-TP (Silvex)	ND		0.010	mg/Kg-dry	1	06/22/12 06:46 PM
2,4-D	ND		0.0050	mg/Kg-dry	1	06/22/12 06:46 PM
Surr: DCAA	*100*		*30-150*	*%REC*	1	06/22/12 06:46 PM
PCBS			**SW8082**		Prep Date: **06/21/12**	Analyst: **JD**
Aroclor 1016	ND		0.039	mg/Kg-dry	1	06/25/12 02:46 PM
Aroclor 1221	ND		0.039	mg/Kg-dry	1	06/25/12 02:46 PM
Aroclor 1232	ND		0.039	mg/Kg-dry	1	06/25/12 02:46 PM
Aroclor 1242	ND		0.039	mg/Kg-dry	1	06/25/12 02:46 PM
Aroclor 1248	ND		0.039	mg/Kg-dry	1	06/25/12 02:46 PM
Aroclor 1254	**0.11**		**0.039**	**mg/Kg-dry**	1	06/25/12 02:46 PM
Aroclor 1260	ND		0.039	mg/Kg-dry	1	06/25/12 02:46 PM
Surr: Decachlorobiphenyl	*92.1*		*40-140*	*%REC*	1	06/25/12 02:46 PM
PESTICIDES			**SW8081**		Prep Date: **06/21/12**	Analyst: **JD**
4,4'-DDD	ND		0.049	mg/Kg-dry	5	06/26/12 01:26 AM
4,4'-DDE	ND		0.049	mg/Kg-dry	5	06/26/12 01:26 AM
4,4'-DDT	ND		0.049	mg/Kg-dry	5	06/26/12 01:26 AM
Aldrin	ND		0.049	mg/Kg-dry	5	06/26/12 01:26 AM
alpha-BHC	ND		0.049	mg/Kg-dry	5	06/26/12 01:26 AM
alpha-Chlordane	ND		0.049	mg/Kg-dry	5	06/26/12 01:26 AM
beta-BHC	ND		0.049	mg/Kg-dry	5	06/26/12 01:26 AM
Chlordane, Technical	ND		0.12	mg/Kg-dry	5	06/26/12 01:26 AM
delta-BHC	ND		0.049	mg/Kg-dry	5	06/26/12 01:26 AM
Dieldrin	ND		0.049	mg/Kg-dry	5	06/26/12 01:26 AM
Endosulfan I	ND		0.049	mg/Kg-dry	5	06/26/12 01:26 AM
Endosulfan II	ND		0.049	mg/Kg-dry	5	06/26/12 01:26 AM
Endosulfan sulfate	ND		0.049	mg/Kg-dry	5	06/26/12 01:26 AM
Endrin	ND		0.049	mg/Kg-dry	5	06/26/12 01:26 AM
Endrin aldehyde	ND		0.049	mg/Kg-dry	5	06/26/12 01:26 AM
Endrin ketone	ND		0.049	mg/Kg-dry	5	06/26/12 01:26 AM
gamma-BHC (Lindane)	ND		0.049	mg/Kg-dry	5	06/26/12 01:26 AM
gamma-Chlordane	ND		0.049	mg/Kg-dry	5	06/26/12 01:26 AM
Heptachlor	ND		0.049	mg/Kg-dry	5	06/26/12 01:26 AM
Heptachlor epoxide	ND		0.049	mg/Kg-dry	5	06/26/12 01:26 AM
Methoxychlor	ND		0.049	mg/Kg-dry	5	06/26/12 01:26 AM
Toxaphene	ND		0.29	mg/Kg-dry	5	06/26/12 01:26 AM
Surr: Decachlorobiphenyl	*100*		*45-135*	*%REC*	5	06/26/12 01:26 AM
Surr: Tetrachloro-m-xylene	*85.1*		*45-124*	*%REC*	5	06/26/12 01:26 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS06-061312
Lab ID: 1206577-22
Collection Date: 06/13/12 01:38 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: **06/26/12**	Analyst: **LR**
Mercury	0.030		0.019	mg/Kg-dry	1	06/26/12 03:33 PM
METALS BY ICP-MS			SW6020A		Prep Date: **06/26/12**	Analyst: **ML**
Aluminum	750		1.5	mg/Kg-dry	2	06/27/12 04:12 AM
Antimony	8.8		0.76	mg/Kg-dry	2	06/27/12 04:12 AM
Arsenic	1.5		0.76	mg/Kg-dry	2	06/27/12 04:12 AM
Barium	750		3.8	mg/Kg-dry	10	06/27/12 06:13 PM
Beryllium	ND		1.5	mg/Kg-dry	10	06/27/12 06:13 PM
Boron	ND		15	mg/Kg-dry	10	06/28/12 02:15 PM
Cadmium	2.6		0.31	mg/Kg-dry	2	06/27/12 04:12 AM
Calcium	190,000		3,800	mg/Kg-dry	100	06/27/12 06:07 PM
Chromium	37		0.76	mg/Kg-dry	2	06/27/12 04:12 AM
Cobalt	2.5		0.76	mg/Kg-dry	2	06/27/12 04:12 AM
Copper	11		0.76	mg/Kg-dry	2	06/27/12 04:12 AM
Iron	4,600		12	mg/Kg-dry	2	06/27/12 04:12 AM
Lead	440		3.8	mg/Kg-dry	10	06/27/12 06:13 PM
Magnesium	99,000		150	mg/Kg-dry	10	06/27/12 06:13 PM
Manganese	110		0.76	mg/Kg-dry	2	06/27/12 04:12 AM
Nickel	4.9		0.76	mg/Kg-dry	2	06/27/12 04:12 AM
Potassium	180		31	mg/Kg-dry	2	06/27/12 04:12 AM
Selenium	ND		0.76	mg/Kg-dry	2	06/27/12 04:12 AM
Silver	ND		0.76	mg/Kg-dry	2	06/27/12 04:12 AM
Sodium	170		31	mg/Kg-dry	2	06/27/12 04:12 AM
Thallium	ND		0.76	mg/Kg-dry	2	06/27/12 04:12 AM
Vanadium	4.2		0.76	mg/Kg-dry	2	06/27/12 04:12 AM
Zinc	8,000		76	mg/Kg-dry	100	06/27/12 06:07 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: **06/25/12**	Analyst: **RM**
1,1`-Biphenyl	ND		0.33	mg/Kg-dry	1	06/26/12 04:38 PM
2,4,5-Trichlorophenol	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM
2,4,6-Trichlorophenol	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM
2,4-Dichlorophenol	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM
2,4-Dimethylphenol	ND		0.33	mg/Kg-dry	1	06/26/12 04:38 PM
2,4-Dinitrophenol	ND		0.67	mg/Kg-dry	1	06/26/12 04:38 PM
2,4-Dinitrotoluene	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM
2,6-Dinitrotoluene	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM
2-Chloronaphthalene	ND		0.081	mg/Kg-dry	1	06/26/12 04:38 PM
2-Chlorophenol	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM
2-Methylnaphthalene	ND		0.081	mg/Kg-dry	1	06/26/12 04:38 PM
2-Methylphenol	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS06-061312
Collection Date: 06/13/12 01:38 PM

Work Order: 1206577
Lab ID: 1206577-22
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.67	mg/Kg-dry	1	06/26/12 04:38 PM
2-Nitrophenol	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM
3,3'-Dichlorobenzidine	ND		0.67	mg/Kg-dry	1	06/26/12 04:38 PM
3-Nitroaniline	ND		0.67	mg/Kg-dry	1	06/26/12 04:38 PM
4,6-Dinitro-2-methylphenol	ND		0.33	mg/Kg-dry	1	06/26/12 04:38 PM
4-Bromophenyl phenyl ether	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM
4-Chloro-3-methylphenol	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM
4-Chloroaniline	ND		0.67	mg/Kg-dry	1	06/26/12 04:38 PM
4-Chlorophenyl phenyl ether	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM
4-Methylphenol	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM
4-Nitroaniline	ND		0.67	mg/Kg-dry	1	06/26/12 04:38 PM
4-Nitrophenol	ND		0.67	mg/Kg-dry	1	06/26/12 04:38 PM
Acenaphthene	ND		0.030	mg/Kg-dry	1	06/26/12 04:38 PM
Acenaphthylene	ND		0.030	mg/Kg-dry	1	06/26/12 04:38 PM
Acetophenone	ND		0.33	mg/Kg-dry	1	06/26/12 04:38 PM
Anthracene	ND		0.030	mg/Kg-dry	1	06/26/12 04:38 PM
Atrazine	ND		0.33	mg/Kg-dry	1	06/26/12 04:38 PM
Benzaldehyde	ND		0.33	mg/Kg-dry	1	06/26/12 04:38 PM
Benzo(a)anthracene	ND		0.030	mg/Kg-dry	1	06/26/12 04:38 PM
Benzo(a)pyrene	ND		0.030	mg/Kg-dry	1	06/26/12 04:38 PM
Benzo(b)fluoranthene	**0.034**		**0.030**	**mg/Kg-dry**	1	06/26/12 04:38 PM
Benzo(g,h,i)perylene	ND		0.030	mg/Kg-dry	1	06/26/12 04:38 PM
Benzo(k)fluoranthene	ND		0.030	mg/Kg-dry	1	06/26/12 04:38 PM
Bis(2-chloroethoxy)methane	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM
Bis(2-chloroethyl)ether	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM
Bis(2-chloroisopropyl)ether	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM
Bis(2-ethylhexyl)phthalate	**0.49**		**0.33**	**mg/Kg-dry**	1	06/26/12 04:38 PM
Butyl benzyl phthalate	**0.19**		**0.16**	**mg/Kg-dry**	1	06/26/12 04:38 PM
Caprolactam	ND		0.33	mg/Kg-dry	1	06/26/12 04:38 PM
Carbazole	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM
Chrysene	ND		0.030	mg/Kg-dry	1	06/26/12 04:38 PM
Dibenzo(a,h)anthracene	ND		0.030	mg/Kg-dry	1	06/26/12 04:38 PM
Dibenzofuran	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM
Diethyl phthalate	ND		0.33	mg/Kg-dry	1	06/26/12 04:38 PM
Dimethyl phthalate	ND		0.33	mg/Kg-dry	1	06/26/12 04:38 PM
Di-n-butyl phthalate	ND		0.33	mg/Kg-dry	1	06/26/12 04:38 PM
Di-n-octyl phthalate	**0.40**		**0.16**	**mg/Kg-dry**	1	06/26/12 04:38 PM
Fluoranthene	ND		0.030	mg/Kg-dry	1	06/26/12 04:38 PM
Fluorene	ND		0.030	mg/Kg-dry	1	06/26/12 04:38 PM
Hexachlorobenzene	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS06-061312
Lab ID: 1206577-22
Collection Date: 06/13/12 01:38 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM
Hexachlorocyclopentadiene	ND		0.33	mg/Kg-dry	1	06/26/12 04:38 PM
Hexachloroethane	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM
Indeno(1,2,3-cd)pyrene	ND		0.030	mg/Kg-dry	1	06/26/12 04:38 PM
Isophorone	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM
Naphthalene	**0.080**		**0.030**	**mg/Kg-dry**	1	06/26/12 04:38 PM
Nitrobenzene	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM
N-Nitrosodi-n-propylamine	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM
N-Nitrosodiphenylamine	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM
Pentachlorophenol	ND		0.33	mg/Kg-dry	1	06/26/12 04:38 PM
Phenanthrene	ND		0.030	mg/Kg-dry	1	06/26/12 04:38 PM
Phenol	ND		0.16	mg/Kg-dry	1	06/26/12 04:38 PM
Pyrene	**0.030**		**0.030**	**mg/Kg-dry**	1	06/26/12 04:38 PM
Surr: 2,4,6-Tribromophenol	*79.6*		*34-140*	*%REC*	1	06/26/12 04:38 PM
Surr: 2-Fluorobiphenyl	*63.8*		*12-100*	*%REC*	1	06/26/12 04:38 PM
Surr: 2-Fluorophenol	*72.3*		*33-117*	*%REC*	1	06/26/12 04:38 PM
Surr: 4-Terphenyl-d14	*69.4*		*25-137*	*%REC*	1	06/26/12 04:38 PM
Surr: Nitrobenzene-d5	*61.2*		*37-107*	*%REC*	1	06/26/12 04:38 PM
Surr: Phenol-d6	*72.7*		*40-106*	*%REC*	1	06/26/12 04:38 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**		Prep Date: **06/20/12**	Analyst: **RS**
1,1,1-Trichloroethane	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
1,1,2,2-Tetrachloroethane	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
1,1,2-Trichloroethane	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
1,1,2-Trichlorotrifluoroethane	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
1,1-Dichloroethane	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
1,1-Dichloroethene	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
1,2,4-Trichlorobenzene	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
1,2-Dibromo-3-chloropropane	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
1,2-Dibromoethane	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
1,2-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
1,2-Dichloroethane	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
1,2-Dichloropropane	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
1,3-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
1,4-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
2-Butanone	ND		0.23	mg/Kg-dry	1	06/20/12 06:57 PM
2-Hexanone	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
4-Methyl-2-pentanone	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
Acetone	**0.19** U		**0.11**	**mg/Kg-dry**	1	06/20/12 06:57 PM
Benzene	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
Bromodichloromethane	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

7/6/12

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS06-061312
Collection Date: 06/13/12 01:38 PM

Work Order: 1206577
Lab ID: 1206577-22
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
Bromomethane	ND		0.086	mg/Kg-dry	1	06/20/12 06:57 PM
Carbon disulfide	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
Carbon tetrachloride	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
Chlorobenzene	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
Chloroethane	ND		0.11	mg/Kg-dry	1	06/20/12 06:57 PM
Chloroform	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
Chloromethane	ND		0.11	mg/Kg-dry	1	06/20/12 06:57 PM
cis-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
cis-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
Cyclohexane	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
Dibromochloromethane	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
Dichlorodifluoromethane	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
Ethylbenzene	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
Isopropylbenzene	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
Methyl acetate	**0.51**	U	**0.46**	**mg/Kg-dry**	1	06/20/12 06:57 PM
Methyl tert-butyl ether	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
Methylcyclohexane	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
Methylene chloride	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
Styrene	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
Tetrachloroethene	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
Toluene	**0.058**		**0.034**	**mg/Kg-dry**	1	06/20/12 06:57 PM
trans-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
trans-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
Trichloroethene	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
Trichlorofluoromethane	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
Vinyl chloride	ND		0.034	mg/Kg-dry	1	06/20/12 06:57 PM
Xylenes, Total	ND		0.10	mg/Kg-dry	1	06/20/12 06:57 PM
Surr: 1,2-Dichloroethane-d4	*98.7*		*70-130*	*%REC*	1	06/20/12 06:57 PM
Surr: 4-Bromofluorobenzene	*90.4*		*70-130*	*%REC*	1	06/20/12 06:57 PM
Surr: Dibromofluoromethane	*98.6*		*70-130*	*%REC*	1	06/20/12 06:57 PM
Surr: Toluene-d8	*104*		*70-130*	*%REC*	1	06/20/12 06:57 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **06/25/12**	Analyst: **MB**
Chromium, Hexavalent	**1.3**		**0.51**	**mg/Kg-dry**	1	06/27/12 04:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**1.0**		**0.050**	**% of sample**	1	06/18/12 06:09 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ZH
7/6/12

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS07-061312
Lab ID: 1206577-23
Collection Date: 06/13/12 01:48 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **06/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0053	mg/Kg-dry	1	06/22/12 06:55 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	06/22/12 06:55 PM
2,4-D	ND		0.0053	mg/Kg-dry	1	06/22/12 06:55 PM
Surr: DCAA	*101*		*30-150*	*%REC*	1	06/22/12 06:55 PM
PCBS			**SW8082**		Prep Date: **06/21/12**	Analyst: **JD**
Aroclor 1016	ND		0.042	mg/Kg-dry	1	06/25/12 03:06 PM
Aroclor 1221	ND		0.042	mg/Kg-dry	1	06/25/12 03:06 PM
Aroclor 1232	ND		0.042	mg/Kg-dry	1	06/25/12 03:06 PM
Aroclor 1242	ND		0.042	mg/Kg-dry	1	06/25/12 03:06 PM
Aroclor 1248	ND		0.042	mg/Kg-dry	1	06/25/12 03:06 PM
Aroclor 1254	**0.17**		**0.042**	**mg/Kg-dry**	1	06/25/12 03:06 PM
Aroclor 1260	ND		0.042	mg/Kg-dry	1	06/25/12 03:06 PM
Surr: Decachlorobiphenyl	*111*		*40-140*	*%REC*	1	06/25/12 03:06 PM
PESTICIDES			**SW8081**		Prep Date: **06/21/12**	Analyst: **JD**
4,4'-DDD	ND		0.11	mg/Kg-dry	10	06/26/12 01:41 AM
4,4'-DDE	ND		0.11	mg/Kg-dry	10	06/26/12 01:41 AM
4,4'-DDT	ND		0.11	mg/Kg-dry	10	06/26/12 01:41 AM
Aldrin	ND		0.11	mg/Kg-dry	10	06/26/12 01:41 AM
alpha-BHC	ND		0.11	mg/Kg-dry	10	06/26/12 01:41 AM
alpha-Chlordane	ND		0.11	mg/Kg-dry	10	06/26/12 01:41 AM
beta-BHC	ND		0.11	mg/Kg-dry	10	06/26/12 01:41 AM
Chlordane, Technical	ND		0.26	mg/Kg-dry	10	06/26/12 01:41 AM
delta-BHC	ND		0.11	mg/Kg-dry	10	06/26/12 01:41 AM
Dieldrin	ND		0.11	mg/Kg-dry	10	06/26/12 01:41 AM
Endosulfan I	ND		0.11	mg/Kg-dry	10	06/26/12 01:41 AM
Endosulfan II	ND		0.11	mg/Kg-dry	10	06/26/12 01:41 AM
Endosulfan sulfate	ND		0.11	mg/Kg-dry	10	06/26/12 01:41 AM
Endrin	ND		0.11	mg/Kg-dry	10	06/26/12 01:41 AM
Endrin aldehyde	ND		0.11	mg/Kg-dry	10	06/26/12 01:41 AM
Endrin ketone	ND		0.11	mg/Kg-dry	10	06/26/12 01:41 AM
gamma-BHC (Lindane)	ND		0.11	mg/Kg-dry	10	06/26/12 01:41 AM
gamma-Chlordane	ND		0.11	mg/Kg-dry	10	06/26/12 01:41 AM
Heptachlor	ND		0.11	mg/Kg-dry	10	06/26/12 01:41 AM
Heptachlor epoxide	ND		0.11	mg/Kg-dry	10	06/26/12 01:41 AM
Methoxychlor	ND		0.11	mg/Kg-dry	10	06/26/12 01:41 AM
Toxaphene	ND		0.63	mg/Kg-dry	10	06/26/12 01:41 AM
Surr: Decachlorobiphenyl	*120*		*45-135*	*%REC*	10	06/26/12 01:41 AM
Surr: Tetrachloro-m-xylene	*90.1*		*45-124*	*%REC*	10	06/26/12 01:41 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS07-061312
Collection Date: 06/13/12 01:48 PM

Work Order: 1206577
Lab ID: 1206577-23
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **06/26/12**	Analyst: **LR**
Mercury	**0.040**		**0.019**	**mg/Kg-dry**	1	06/26/12 03:35 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **06/26/12**	Analyst: **ML**
Aluminum	**1,300**		**1.5**	**mg/Kg-dry**	2	06/27/12 04:18 AM
Antimony	**3.3**		**0.74**	**mg/Kg-dry**	2	06/27/12 04:18 AM
Arsenic	**1.2**		**0.74**	**mg/Kg-dry**	2	06/27/12 04:18 AM
Barium	**480**		**3.7**	**mg/Kg-dry**	10	06/27/12 06:26 PM
Beryllium	ND		1.5	mg/Kg-dry	10	06/27/12 06:26 PM
Boron	ND		15	mg/Kg-dry	10	06/28/12 02:21 PM
Cadmium	**7.4**		**0.30**	**mg/Kg-dry**	2	06/27/12 04:18 AM
Calcium	**150,000**		**37,000**	**mg/Kg-dry**	1000	06/27/12 06:19 PM
Chromium	**42**		**0.74**	**mg/Kg-dry**	2	06/27/12 04:18 AM
Cobalt	**1.9**		**0.74**	**mg/Kg-dry**	2	06/27/12 04:18 AM
Copper	**9.4**		**0.74**	**mg/Kg-dry**	2	06/27/12 04:18 AM
Iron	**3,600**		**12**	**mg/Kg-dry**	2	06/27/12 04:18 AM
Lead	**250**		**0.74**	**mg/Kg-dry**	2	06/27/12 04:18 AM
Magnesium	**74,000**		**150**	**mg/Kg-dry**	10	06/27/12 06:26 PM
Manganese	**120**		**0.74**	**mg/Kg-dry**	2	06/27/12 04:18 AM
Nickel	**5.7**		**0.74**	**mg/Kg-dry**	2	06/27/12 04:18 AM
Potassium	**290**		**30**	**mg/Kg-dry**	2	06/27/12 04:18 AM
Selenium	ND		0.74	mg/Kg-dry	2	06/27/12 04:18 AM
Silver	ND		0.74	mg/Kg-dry	2	06/27/12 04:18 AM
Sodium	**85**		**30**	**mg/Kg-dry**	2	06/27/12 04:18 AM
Thallium	ND		0.74	mg/Kg-dry	2	06/27/12 04:18 AM
Vanadium	**3.6**		**0.74**	**mg/Kg-dry**	2	06/27/12 04:18 AM
Zinc	**33,000**		**740**	**mg/Kg-dry**	1000	06/27/12 06:19 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **06/25/12**	Analyst: **RM**
1,1`-Biphenyl	ND		1.7	mg/Kg-dry	5	06/26/12 01:35 PM
2,4,5-Trichlorophenol	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
2,4,6-Trichlorophenol	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
2,4-Dichlorophenol	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
2,4-Dimethylphenol	ND		1.7	mg/Kg-dry	5	06/26/12 01:35 PM
2,4-Dinitrophenol	ND		3.4	mg/Kg-dry	5	06/26/12 01:35 PM
2,4-Dinitrotoluene	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
2,6-Dinitrotoluene	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
2-Chloronaphthalene	ND		0.42	mg/Kg-dry	5	06/26/12 01:35 PM
2-Chlorophenol	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
2-Methylnaphthalene	ND		0.42	mg/Kg-dry	5	06/26/12 01:35 PM
2-Methylphenol	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS07-061312
Lab ID: 1206577-23
Collection Date: 06/13/12 01:48 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		3.4	mg/Kg-dry	5	06/26/12 01:35 PM
2-Nitrophenol	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
3,3´-Dichlorobenzidine	ND		3.4	mg/Kg-dry	5	06/26/12 01:35 PM
3-Nitroaniline	ND		3.4	mg/Kg-dry	5	06/26/12 01:35 PM
4,6-Dinitro-2-methylphenol	ND		1.7	mg/Kg-dry	5	06/26/12 01:35 PM
4-Bromophenyl phenyl ether	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
4-Chloro-3-methylphenol	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
4-Chloroaniline	ND		3.4	mg/Kg-dry	5	06/26/12 01:35 PM
4-Chlorophenyl phenyl ether	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
4-Methylphenol	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
4-Nitroaniline	ND		3.4	mg/Kg-dry	5	06/26/12 01:35 PM
4-Nitrophenol	ND		3.4	mg/Kg-dry	5	06/26/12 01:35 PM
Acenaphthene	ND		0.16	mg/Kg-dry	5	06/26/12 01:35 PM
Acenaphthylene	ND		0.16	mg/Kg-dry	5	06/26/12 01:35 PM
Acetophenone	ND		1.7	mg/Kg-dry	5	06/26/12 01:35 PM
Anthracene	ND		0.16	mg/Kg-dry	5	06/26/12 01:35 PM
Atrazine	ND		1.7	mg/Kg-dry	5	06/26/12 01:35 PM
Benzaldehyde	ND		1.7	mg/Kg-dry	5	06/26/12 01:35 PM
Benzo(a)anthracene	ND		0.16	mg/Kg-dry	5	06/26/12 01:35 PM
Benzo(a)pyrene	ND		0.16	mg/Kg-dry	5	06/26/12 01:35 PM
Benzo(b)fluoranthene	ND		0.16	mg/Kg-dry	5	06/26/12 01:35 PM
Benzo(g,h,i)perylene	ND		0.16	mg/Kg-dry	5	06/26/12 01:35 PM
Benzo(k)fluoranthene	ND		0.16	mg/Kg-dry	5	06/26/12 01:35 PM
Bis(2-chloroethoxy)methane	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
Bis(2-chloroethyl)ether	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
Bis(2-chloroisopropyl)ether	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
Bis(2-ethylhexyl)phthalate	ND		1.7	mg/Kg-dry	5	06/26/12 01:35 PM
Butyl benzyl phthalate	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
Caprolactam	ND		1.7	mg/Kg-dry	5	06/26/12 01:35 PM
Carbazole	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
Chrysene	ND		0.16	mg/Kg-dry	5	06/26/12 01:35 PM
Dibenzo(a,h)anthracene	ND		0.16	mg/Kg-dry	5	06/26/12 01:35 PM
Dibenzofuran	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
Diethyl phthalate	ND		1.7	mg/Kg-dry	5	06/26/12 01:35 PM
Dimethyl phthalate	ND		1.7	mg/Kg-dry	5	06/26/12 01:35 PM
Di-n-butyl phthalate	ND		1.7	mg/Kg-dry	5	06/26/12 01:35 PM
Di-n-octyl phthalate	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
Fluoranthene	**0.17**		**0.16**	**mg/Kg-dry**	5	06/26/12 01:35 PM
Fluorene	ND		0.16	mg/Kg-dry	5	06/26/12 01:35 PM
Hexachlorobenzene	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS07-061312
Collection Date: 06/13/12 01:48 PM

Work Order: 1206577
Lab ID: 1206577-23
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
Hexachlorocyclopentadiene	ND		1.7	mg/Kg-dry	5	06/26/12 01:35 PM
Hexachloroethane	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
Indeno(1,2,3-cd)pyrene	ND		0.16	mg/Kg-dry	5	06/26/12 01:35 PM
Isophorone	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
Naphthalene	ND		0.16	mg/Kg-dry	5	06/26/12 01:35 PM
Nitrobenzene	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
N-Nitrosodi-n-propylamine	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
N-Nitrosodiphenylamine	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
Pentachlorophenol	ND		1.7	mg/Kg-dry	5	06/26/12 01:35 PM
Phenanthrene	ND		0.16	mg/Kg-dry	5	06/26/12 01:35 PM
Phenol	ND		0.83	mg/Kg-dry	5	06/26/12 01:35 PM
Pyrene	ND		0.16	mg/Kg-dry	5	06/26/12 01:35 PM
Surr: 2,4,6-Tribromophenol	*87.7*		*34-140*	*%REC*	5	06/26/12 01:35 PM
Surr: 2-Fluorobiphenyl	*68.9*		*12-100*	*%REC*	5	06/26/12 01:35 PM
Surr: 2-Fluorophenol	*73.3*		*33-117*	*%REC*	5	06/26/12 01:35 PM
Surr: 4-Terphenyl-d14	*71.6*		*25-137*	*%REC*	5	06/26/12 01:35 PM
Surr: Nitrobenzene-d5	*64.6*		*37-107*	*%REC*	5	06/26/12 01:35 PM
Surr: Phenol-d6	*72.7*		*40-106*	*%REC*	5	06/26/12 01:35 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**		Prep Date: **06/20/12**	Analyst: **RS**
1,1,1-Trichloroethane	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
1,1,2,2-Tetrachloroethane	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
1,1,2-Trichloroethane	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
1,1,2-Trichlorotrifluoroethane	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
1,1-Dichloroethane	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
1,1-Dichloroethene	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
1,2,4-Trichlorobenzene	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
1,2-Dibromo-3-chloropropane	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
1,2-Dibromoethane	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
1,2-Dichlorobenzene	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
1,2-Dichloroethane	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
1,2-Dichloropropane	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
1,3-Dichlorobenzene	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
1,4-Dichlorobenzene	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
2-Butanone	ND		0.26	mg/Kg-dry	1	06/20/12 07:23 PM
2-Hexanone	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
4-Methyl-2-pentanone	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
Acetone	**0.21**	U	**0.13**	**mg/Kg-dry**	1	06/20/12 07:23 PM
Benzene	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
Bromodichloromethane	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

7/6/12

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS07-061312
Collection Date: 06/13/12 01:48 PM

Work Order: 1206577
Lab ID: 1206577-23
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
Bromomethane	ND		0.099	mg/Kg-dry	1	06/20/12 07:23 PM
Carbon disulfide	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
Carbon tetrachloride	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
Chlorobenzene	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
Chloroethane	ND		0.13	mg/Kg-dry	1	06/20/12 07:23 PM
Chloroform	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
Chloromethane	ND		0.13	mg/Kg-dry	1	06/20/12 07:23 PM
cis-1,2-Dichloroethene	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
cis-1,3-Dichloropropene	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
Cyclohexane	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
Dibromochloromethane	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
Dichlorodifluoromethane	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
Ethylbenzene	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
Isopropylbenzene	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
Methyl acetate	**0.58**	J	**0.53**	**mg/Kg-dry**	1	06/20/12 07:23 PM
Methyl tert-butyl ether	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
Methylcyclohexane	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
Methylene chloride	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
Styrene	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
Tetrachloroethene	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
Toluene	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
trans-1,2-Dichloroethene	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
trans-1,3-Dichloropropene	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
Trichloroethene	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
Trichlorofluoromethane	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
Vinyl chloride	ND		0.040	mg/Kg-dry	1	06/20/12 07:23 PM
Xylenes, Total	ND		0.12	mg/Kg-dry	1	06/20/12 07:23 PM
Surr: 1,2-Dichloroethane-d4	*100*		*70-130*	*%REC*	1	06/20/12 07:23 PM
Surr: 4-Bromofluorobenzene	*89.0*		*70-130*	*%REC*	1	06/20/12 07:23 PM
Surr: Dibromofluoromethane	*98.8*		*70-130*	*%REC*	1	06/20/12 07:23 PM
Surr: Toluene-d8	*102*		*70-130*	*%REC*	1	06/20/12 07:23 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **06/25/12**	Analyst: **MB**
Chromium, Hexavalent	**0.73**		**0.52**	**mg/Kg-dry**	1	06/27/12 04:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**5.4**		**0.050**	**% of sample**	1	06/18/12 06:09 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

7/6/12

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS08-061312
Collection Date: 06/13/12 01:58 PM

Work Order: 1206577
Lab ID: 1206577-24
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **06/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0052	mg/Kg-dry	1	06/22/12 07:04 PM
2,4,5-TP (Silvex)	ND		0.010	mg/Kg-dry	1	06/22/12 07:04 PM
2,4-D	ND		0.0052	mg/Kg-dry	1	06/22/12 07:04 PM
Surr: DCAA	*100*		*30-150*	*%REC*	1	06/22/12 07:04 PM
PCBS			**SW8082**		Prep Date: **06/23/12**	Analyst: **JD**
Aroclor 1016	ND		0.040	mg/Kg-dry	1	06/26/12 01:22 AM
Aroclor 1221	ND		0.040	mg/Kg-dry	1	06/26/12 01:22 AM
Aroclor 1232	ND		0.040	mg/Kg-dry	1	06/26/12 01:22 AM
Aroclor 1242	ND		0.040	mg/Kg-dry	1	06/26/12 01:22 AM
Aroclor 1248	ND		0.040	mg/Kg-dry	1	06/26/12 01:22 AM
Aroclor 1254	**0.071**		**0.040**	**mg/Kg-dry**	1	06/26/12 01:22 AM
Aroclor 1260	ND		0.040	mg/Kg-dry	1	06/26/12 01:22 AM
Surr: Decachlorobiphenyl	*86.1*		*40-140*	*%REC*	1	06/26/12 01:22 AM
PESTICIDES			**SW8081**		Prep Date: **06/23/12**	Analyst: **JD**
4,4'-DDD	ND		0.050	mg/Kg-dry	5	06/28/12 04:26 PM
4,4'-DDE	ND		0.050	mg/Kg-dry	5	06/28/12 04:26 PM
4,4'-DDT	ND		0.050	mg/Kg-dry	5	06/28/12 04:26 PM
Aldrin	ND		0.050	mg/Kg-dry	5	06/28/12 04:26 PM
alpha-BHC	ND		0.050	mg/Kg-dry	5	06/28/12 04:26 PM
alpha-Chlordane	ND		0.050	mg/Kg-dry	5	06/28/12 04:26 PM
beta-BHC	ND		0.050	mg/Kg-dry	5	06/28/12 04:26 PM
Chlordane, Technical	ND		0.12	mg/Kg-dry	5	06/28/12 04:26 PM
delta-BHC	ND		0.050	mg/Kg-dry	5	06/28/12 04:26 PM
Dieldrin	ND		0.050	mg/Kg-dry	5	06/28/12 04:26 PM
Endosulfan I	ND		0.050	mg/Kg-dry	5	06/28/12 04:26 PM
Endosulfan II	ND		0.050	mg/Kg-dry	5	06/28/12 04:26 PM
Endosulfan sulfate	ND		0.050	mg/Kg-dry	5	06/28/12 04:26 PM
Endrin	ND		0.050	mg/Kg-dry	5	06/28/12 04:26 PM
Endrin aldehyde	ND		0.050	mg/Kg-dry	5	06/28/12 04:26 PM
Endrin ketone	ND		0.050	mg/Kg-dry	5	06/28/12 04:26 PM
gamma-BHC (Lindane)	ND		0.050	mg/Kg-dry	5	06/28/12 04:26 PM
gamma-Chlordane	ND		0.050	mg/Kg-dry	5	06/28/12 04:26 PM
Heptachlor	ND		0.050	mg/Kg-dry	5	06/28/12 04:26 PM
Heptachlor epoxide	ND		0.050	mg/Kg-dry	5	06/28/12 04:26 PM
Methoxychlor	ND		0.050	mg/Kg-dry	5	06/28/12 04:26 PM
Toxaphene	ND		0.30	mg/Kg-dry	5	06/28/12 04:26 PM
Surr: Decachlorobiphenyl	*95.1*		*45-135*	*%REC*	5	06/28/12 04:26 PM
Surr: Tetrachloro-m-xylene	*105*		*45-124*	*%REC*	5	06/28/12 04:26 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS08-061312
Lab ID: 1206577-24
Collection Date: 06/13/12 01:58 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **06/26/12**	Analyst: **LR**
Mercury	**0.061**		**0.021**	**mg/Kg-dry**	1	06/26/12 03:37 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **06/26/12**	Analyst: **ML**
Aluminum	**1,200**		**1.6**	**mg/Kg-dry**	2	06/27/12 04:25 AM
Antimony	**2.3**		**0.80**	**mg/Kg-dry**	2	06/27/12 04:25 AM
Arsenic	**1.8**		**0.80**	**mg/Kg-dry**	2	06/27/12 04:25 AM
Barium	**290**		**4.0**	**mg/Kg-dry**	10	06/27/12 06:38 PM
Beryllium	ND		1.6	mg/Kg-dry	10	06/27/12 06:38 PM
Boron	ND		16	mg/Kg-dry	10	06/28/12 02:27 PM
Cadmium	**14**		**0.32**	**mg/Kg-dry**	2	06/27/12 04:25 AM
Calcium	**150,000**		**40,000**	**mg/Kg-dry**	1000	06/27/12 06:32 PM
Chromium	**33**		**0.80**	**mg/Kg-dry**	2	06/27/12 04:25 AM
Cobalt	**1.7**		**0.80**	**mg/Kg-dry**	2	06/27/12 04:25 AM
Copper	**8.5**		**0.80**	**mg/Kg-dry**	2	06/27/12 04:25 AM
Iron	**4,200**		**13**	**mg/Kg-dry**	2	06/27/12 04:25 AM
Lead	**230**		**0.80**	**mg/Kg-dry**	2	06/27/12 04:25 AM
Magnesium	**64,000**		**160**	**mg/Kg-dry**	10	06/27/12 06:38 PM
Manganese	**140**		**0.80**	**mg/Kg-dry**	2	06/27/12 04:25 AM
Nickel	**5.5**		**0.80**	**mg/Kg-dry**	2	06/27/12 04:25 AM
Potassium	**380**		**32**	**mg/Kg-dry**	2	06/27/12 04:25 AM
Selenium	ND		0.80	mg/Kg-dry	2	06/27/12 04:25 AM
Silver	ND		0.80	mg/Kg-dry	2	06/27/12 04:25 AM
Sodium	**80**		**32**	**mg/Kg-dry**	2	06/27/12 04:25 AM
Thallium	ND		0.80	mg/Kg-dry	2	06/27/12 04:25 AM
Vanadium	**4.9**		**0.80**	**mg/Kg-dry**	2	06/27/12 04:25 AM
Zinc	**60,000**		**800**	**mg/Kg-dry**	1000	06/27/12 06:32 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **06/25/12**	Analyst: **RM**
1,1`-Biphenyl	ND		1.7	mg/Kg-dry	5	06/26/12 03:18 PM
2,4,5-Trichlorophenol	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
2,4,6-Trichlorophenol	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
2,4-Dichlorophenol	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
2,4-Dimethylphenol	ND		1.7	mg/Kg-dry	5	06/26/12 03:18 PM
2,4-Dinitrophenol	ND		3.5	mg/Kg-dry	5	06/26/12 03:18 PM
2,4-Dinitrotoluene	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
2,6-Dinitrotoluene	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
2-Chloronaphthalene	ND		0.42	mg/Kg-dry	5	06/26/12 03:18 PM
2-Chlorophenol	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
2-Methylnaphthalene	ND		0.42	mg/Kg-dry	5	06/26/12 03:18 PM
2-Methylphenol	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS08-061312
Collection Date: 06/13/12 01:58 PM

Work Order: 1206577
Lab ID: 1206577-24
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		3.5	mg/Kg-dry	5	06/26/12 03:18 PM
2-Nitrophenol	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
3,3'-Dichlorobenzidine	ND		3.5	mg/Kg-dry	5	06/26/12 03:18 PM
3-Nitroaniline	ND		3.5	mg/Kg-dry	5	06/26/12 03:18 PM
4,6-Dinitro-2-methylphenol	ND		1.7	mg/Kg-dry	5	06/26/12 03:18 PM
4-Bromophenyl phenyl ether	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
4-Chloro-3-methylphenol	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
4-Chloroaniline	ND		3.5	mg/Kg-dry	5	06/26/12 03:18 PM
4-Chlorophenyl phenyl ether	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
4-Methylphenol	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
4-Nitroaniline	ND		3.5	mg/Kg-dry	5	06/26/12 03:18 PM
4-Nitrophenol	ND		3.5	mg/Kg-dry	5	06/26/12 03:18 PM
Acenaphthene	ND		0.16	mg/Kg-dry	5	06/26/12 03:18 PM
Acenaphthylene	ND		0.16	mg/Kg-dry	5	06/26/12 03:18 PM
Acetophenone	ND		1.7	mg/Kg-dry	5	06/26/12 03:18 PM
Anthracene	ND		0.16	mg/Kg-dry	5	06/26/12 03:18 PM
Atrazine	ND		1.7	mg/Kg-dry	5	06/26/12 03:18 PM
Benzaldehyde	ND		1.7	mg/Kg-dry	5	06/26/12 03:18 PM
Benzo(a)anthracene	ND		0.16	mg/Kg-dry	5	06/26/12 03:18 PM
Benzo(a)pyrene	ND		0.16	mg/Kg-dry	5	06/26/12 03:18 PM
Benzo(b)fluoranthene	ND		0.16	mg/Kg-dry	5	06/26/12 03:18 PM
Benzo(g,h,i)perylene	ND		0.16	mg/Kg-dry	5	06/26/12 03:18 PM
Benzo(k)fluoranthene	ND		0.16	mg/Kg-dry	5	06/26/12 03:18 PM
Bis(2-chloroethoxy)methane	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
Bis(2-chloroethyl)ether	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
Bis(2-chloroisopropyl)ether	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
Bis(2-ethylhexyl)phthalate	**2.8**		**1.7**	**mg/Kg-dry**	5	06/26/12 03:18 PM
Butyl benzyl phthalate	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
Caprolactam	ND		1.7	mg/Kg-dry	5	06/26/12 03:18 PM
Carbazole	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
Chrysene	ND		0.16	mg/Kg-dry	5	06/26/12 03:18 PM
Dibenzo(a,h)anthracene	ND		0.16	mg/Kg-dry	5	06/26/12 03:18 PM
Dibenzofuran	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
Diethyl phthalate	ND		1.7	mg/Kg-dry	5	06/26/12 03:18 PM
Dimethyl phthalate	ND		1.7	mg/Kg-dry	5	06/26/12 03:18 PM
Di-n-butyl phthalate	ND		1.7	mg/Kg-dry	5	06/26/12 03:18 PM
Di-n-octyl phthalate	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
Fluoranthene	ND		0.16	mg/Kg-dry	5	06/26/12 03:18 PM
Fluorene	ND		0.16	mg/Kg-dry	5	06/26/12 03:18 PM
Hexachlorobenzene	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS08-061312
Lab ID: 1206577-24
Collection Date: 06/13/12 01:58 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
Hexachlorocyclopentadiene	ND		1.7	mg/Kg-dry	5	06/26/12 03:18 PM
Hexachloroethane	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
Indeno(1,2,3-cd)pyrene	ND		0.16	mg/Kg-dry	5	06/26/12 03:18 PM
Isophorone	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
Naphthalene	ND		0.16	mg/Kg-dry	5	06/26/12 03:18 PM
Nitrobenzene	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
N-Nitrosodi-n-propylamine	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
N-Nitrosodiphenylamine	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
Pentachlorophenol	ND		1.7	mg/Kg-dry	5	06/26/12 03:18 PM
Phenanthrene	ND		0.16	mg/Kg-dry	5	06/26/12 03:18 PM
Phenol	ND		0.84	mg/Kg-dry	5	06/26/12 03:18 PM
Pyrene	ND		0.16	mg/Kg-dry	5	06/26/12 03:18 PM
Surr: 2,4,6-Tribromophenol	*92.0*		*34-140*	*%REC*	5	06/26/12 03:18 PM
Surr: 2-Fluorobiphenyl	*72.5*		*12-100*	*%REC*	5	06/26/12 03:18 PM
Surr: 2-Fluorophenol	*84.5*		*33-117*	*%REC*	5	06/26/12 03:18 PM
Surr: 4-Terphenyl-d14	*75.7*		*25-137*	*%REC*	5	06/26/12 03:18 PM
Surr: Nitrobenzene-d5	*72.1*		*37-107*	*%REC*	5	06/26/12 03:18 PM
Surr: Phenol-d6	*82.5*		*40-106*	*%REC*	5	06/26/12 03:18 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**		Prep Date: **06/20/12**	Analyst: **RS**
1,1,1-Trichloroethane	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
1,1,2,2-Tetrachloroethane	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
1,1,2-Trichloroethane	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
1,1,2-Trichlorotrifluoroethane	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
1,1-Dichloroethane	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
1,1-Dichloroethene	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
1,2,4-Trichlorobenzene	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
1,2-Dibromo-3-chloropropane	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
1,2-Dibromoethane	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
1,2-Dichlorobenzene	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
1,2-Dichloroethane	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
1,2-Dichloropropane	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
1,3-Dichlorobenzene	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
1,4-Dichlorobenzene	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
2-Butanone	ND		0.25	mg/Kg-dry	1	06/20/12 07:48 PM
2-Hexanone	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
4-Methyl-2-pentanone	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
Acetone	**0.16**	U	**0.12**	**mg/Kg-dry**	1	06/20/12 07:48 PM
Benzene	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
Bromodichloromethane	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

7/6/12

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS08-061312
Collection Date: 06/13/12 01:58 PM

Work Order: 1206577
Lab ID: 1206577-24
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
Bromomethane	ND		0.093	mg/Kg-dry	1	06/20/12 07:48 PM
Carbon disulfide	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
Carbon tetrachloride	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
Chlorobenzene	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
Chloroethane	ND		0.12	mg/Kg-dry	1	06/20/12 07:48 PM
Chloroform	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
Chloromethane	ND		0.12	mg/Kg-dry	1	06/20/12 07:48 PM
cis-1,2-Dichloroethene	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
cis-1,3-Dichloropropene	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
Cyclohexane	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
Dibromochloromethane	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
Dichlorodifluoromethane	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
Ethylbenzene	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
Isopropylbenzene	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
Methyl acetate	ND		0.50	mg/Kg-dry	1	06/20/12 07:48 PM
Methyl tert-butyl ether	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
Methylcyclohexane	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
Methylene chloride	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
Styrene	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
Tetrachloroethene	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
Toluene	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
trans-1,2-Dichloroethene	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
trans-1,3-Dichloropropene	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
Trichloroethene	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
Trichlorofluoromethane	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
Vinyl chloride	ND		0.037	mg/Kg-dry	1	06/20/12 07:48 PM
Xylenes, Total	ND		0.11	mg/Kg-dry	1	06/20/12 07:48 PM
Surr: 1,2-Dichloroethane-d4	*97.2*		*70-130*	*%REC*	1	06/20/12 07:48 PM
Surr: 4-Bromofluorobenzene	*87.4*		*70-130*	*%REC*	1	06/20/12 07:48 PM
Surr: Dibromofluoromethane	*96.4*		*70-130*	*%REC*	1	06/20/12 07:48 PM
Surr: Toluene-d8	*101*		*70-130*	*%REC*	1	06/20/12 07:48 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **06/25/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.52	mg/Kg-dry	1	06/27/12 04:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**5.0**		**0.050**	**% of sample**	1	06/18/12 06:09 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS09-061312
Collection Date: 06/13/12 02:10 PM

Work Order: 1206577
Lab ID: 1206577-25
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **06/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0052	mg/Kg-dry	1	06/22/12 07:12 PM
2,4,5-TP (Silvex)	ND		0.010	mg/Kg-dry	1	06/22/12 07:12 PM
2,4-D	ND		0.0052	mg/Kg-dry	1	06/22/12 07:12 PM
Surr: DCAA	*94.6*		*30-150*	*%REC*	1	06/22/12 07:12 PM
PCBS			**SW8082**		Prep Date: **06/23/12**	Analyst: **JD**
Aroclor 1016	ND		0.040	mg/Kg-dry	1	06/26/12 01:42 AM
Aroclor 1221	ND		0.040	mg/Kg-dry	1	06/26/12 01:42 AM
Aroclor 1232	ND		0.040	mg/Kg-dry	1	06/26/12 01:42 AM
Aroclor 1242	ND		0.040	mg/Kg-dry	1	06/26/12 01:42 AM
Aroclor 1248	ND		0.040	mg/Kg-dry	1	06/26/12 01:42 AM
Aroclor 1254	ND		0.040	mg/Kg-dry	1	06/26/12 01:42 AM
Aroclor 1260	ND		0.040	mg/Kg-dry	1	06/26/12 01:42 AM
Surr: Decachlorobiphenyl	*86.1*		*40-140*	*%REC*	1	06/26/12 01:42 AM
PESTICIDES			**SW8081**		Prep Date: **06/23/12**	Analyst: **JD**
4,4'-DDD	ND		0.050	mg/Kg-dry	5	06/28/12 04:41 PM
4,4'-DDE	ND		0.050	mg/Kg-dry	5	06/28/12 04:41 PM
4,4'-DDT	ND		0.050	mg/Kg-dry	5	06/28/12 04:41 PM
Aldrin	ND		0.050	mg/Kg-dry	5	06/28/12 04:41 PM
alpha-BHC	ND		0.050	mg/Kg-dry	5	06/28/12 04:41 PM
alpha-Chlordane	ND		0.050	mg/Kg-dry	5	06/28/12 04:41 PM
beta-BHC	ND		0.050	mg/Kg-dry	5	06/28/12 04:41 PM
Chlordane, Technical	ND		0.12	mg/Kg-dry	5	06/28/12 04:41 PM
delta-BHC	ND		0.050	mg/Kg-dry	5	06/28/12 04:41 PM
Dieldrin	ND		0.050	mg/Kg-dry	5	06/28/12 04:41 PM
Endosulfan I	ND		0.050	mg/Kg-dry	5	06/28/12 04:41 PM
Endosulfan II	ND		0.050	mg/Kg-dry	5	06/28/12 04:41 PM
Endosulfan sulfate	ND		0.050	mg/Kg-dry	5	06/28/12 04:41 PM
Endrin	ND		0.050	mg/Kg-dry	5	06/28/12 04:41 PM
Endrin aldehyde	ND		0.050	mg/Kg-dry	5	06/28/12 04:41 PM
Endrin ketone	ND		0.050	mg/Kg-dry	5	06/28/12 04:41 PM
gamma-BHC (Lindane)	ND		0.050	mg/Kg-dry	5	06/28/12 04:41 PM
gamma-Chlordane	ND		0.050	mg/Kg-dry	5	06/28/12 04:41 PM
Heptachlor	ND		0.050	mg/Kg-dry	5	06/28/12 04:41 PM
Heptachlor epoxide	ND		0.050	mg/Kg-dry	5	06/28/12 04:41 PM
Methoxychlor	ND		0.050	mg/Kg-dry	5	06/28/12 04:41 PM
Toxaphene	ND		0.30	mg/Kg-dry	5	06/28/12 04:41 PM
Surr: Decachlorobiphenyl	*95.1*		*45-135*	*%REC*	5	06/28/12 04:41 PM
Surr: Tetrachloro-m-xylene	*110*		*45-124*	*%REC*	5	06/28/12 04:41 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS09-061312
Collection Date: 06/13/12 02:10 PM

Work Order: 1206577
Lab ID: 1206577-25
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **06/26/12**	Analyst: **LR**
Mercury	**0.034**		**0.020**	**mg/Kg-dry**	1	06/26/12 03:40 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **06/26/12**	Analyst: **ML**
Aluminum	**2,100**		**1.6**	**mg/Kg-dry**	2	06/27/12 04:31 AM
Antimony	**2.1**		**0.78**	**mg/Kg-dry**	2	06/27/12 04:31 AM
Arsenic	**2.5**		**0.78**	**mg/Kg-dry**	2	06/27/12 04:31 AM
Barium	**130**		**0.78**	**mg/Kg-dry**	2	06/27/12 04:31 AM
Beryllium	ND		1.6	mg/Kg-dry	10	06/27/12 07:03 PM
Boron	ND		16	mg/Kg-dry	10	06/28/12 02:46 PM
Cadmium	**1.2**		**0.31**	**mg/Kg-dry**	2	06/27/12 04:31 AM
Calcium	**160,000**		**780**	**mg/Kg-dry**	20	06/27/12 06:44 PM
Chromium	**22**		**0.78**	**mg/Kg-dry**	2	06/27/12 04:31 AM
Cobalt	**2.9**		**0.78**	**mg/Kg-dry**	2	06/27/12 04:31 AM
Copper	**14**		**0.78**	**mg/Kg-dry**	2	06/27/12 04:31 AM
Iron	**7,000**		**12**	**mg/Kg-dry**	2	06/27/12 04:31 AM
Lead	**150**		**0.78**	**mg/Kg-dry**	2	06/27/12 04:31 AM
Magnesium	**62,000**		**160**	**mg/Kg-dry**	10	06/27/12 07:03 PM
Manganese	**180**		**0.78**	**mg/Kg-dry**	2	06/27/12 04:31 AM
Nickel	**7.7**		**0.78**	**mg/Kg-dry**	2	06/27/12 04:31 AM
Potassium	**450**		**31**	**mg/Kg-dry**	2	06/27/12 04:31 AM
Selenium	ND		0.78	mg/Kg-dry	2	06/27/12 04:31 AM
Silver	ND		0.78	mg/Kg-dry	2	06/27/12 04:31 AM
Sodium	**88**		**31**	**mg/Kg-dry**	2	06/27/12 04:31 AM
Thallium	ND		0.78	mg/Kg-dry	2	06/27/12 04:31 AM
Vanadium	**6.7**		**0.78**	**mg/Kg-dry**	2	06/27/12 04:31 AM
Zinc	**2,700**		**16**	**mg/Kg-dry**	20	06/27/12 06:44 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **06/25/12**	Analyst: **RM**
1,1`-Biphenyl	ND		0.34	mg/Kg-dry	1	06/27/12 10:25 PM
2,4,5-Trichlorophenol	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM
2,4,6-Trichlorophenol	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM
2,4-Dichlorophenol	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM
2,4-Dimethylphenol	ND		0.34	mg/Kg-dry	1	06/27/12 10:25 PM
2,4-Dinitrophenol	ND		0.68	mg/Kg-dry	1	06/27/12 10:25 PM
2,4-Dinitrotoluene	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM
2,6-Dinitrotoluene	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM
2-Chloronaphthalene	ND		0.083	mg/Kg-dry	1	06/27/12 10:25 PM
2-Chlorophenol	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM
2-Methylnaphthalene	ND		0.083	mg/Kg-dry	1	06/27/12 10:25 PM
2-Methylphenol	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS09-061312
Collection Date: 06/13/12 02:10 PM

Work Order: 1206577
Lab ID: 1206577-25
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.68	mg/Kg-dry	1	06/27/12 10:25 PM
2-Nitrophenol	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM
3,3'-Dichlorobenzidine	ND		0.68	mg/Kg-dry	1	06/27/12 10:25 PM
3-Nitroaniline	ND		0.68	mg/Kg-dry	1	06/27/12 10:25 PM
4,6-Dinitro-2-methylphenol	ND		0.34	mg/Kg-dry	1	06/27/12 10:25 PM
4-Bromophenyl phenyl ether	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM
4-Chloro-3-methylphenol	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM
4-Chloroaniline	ND		0.68	mg/Kg-dry	1	06/27/12 10:25 PM
4-Chlorophenyl phenyl ether	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM
4-Methylphenol	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM
4-Nitroaniline	ND		0.68	mg/Kg-dry	1	06/27/12 10:25 PM
4-Nitrophenol	ND		0.68	mg/Kg-dry	1	06/27/12 10:25 PM
Acenaphthene	ND		0.031	mg/Kg-dry	1	06/27/12 10:25 PM
Acenaphthylene	ND		0.031	mg/Kg-dry	1	06/27/12 10:25 PM
Acetophenone	ND		0.34	mg/Kg-dry	1	06/27/12 10:25 PM
Anthracene	ND		0.031	mg/Kg-dry	1	06/27/12 10:25 PM
Atrazine	ND		0.34	mg/Kg-dry	1	06/27/12 10:25 PM
Benzaldehyde	ND		0.34	mg/Kg-dry	1	06/27/12 10:25 PM
Benzo(a)anthracene	**0.11**		**0.031**	**mg/Kg-dry**	1	06/27/12 10:25 PM
Benzo(a)pyrene	ND		0.31	mg/Kg-dry	10	06/27/12 09:58 PM
Benzo(b)fluoranthene	ND		0.31	mg/Kg-dry	10	06/27/12 09:58 PM
Benzo(g,h,i)perylene	ND		0.31	mg/Kg-dry	10	06/27/12 09:58 PM
Benzo(k)fluoranthene	ND		0.31	mg/Kg-dry	10	06/27/12 09:58 PM
Bis(2-chloroethoxy)methane	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM
Bis(2-chloroethyl)ether	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM
Bis(2-chloroisopropyl)ether	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM
Bis(2-ethylhexyl)phthalate	**0.41**		**0.34**	**mg/Kg-dry**	1	06/27/12 10:25 PM
Butyl benzyl phthalate	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM
Caprolactam	ND		0.34	mg/Kg-dry	1	06/27/12 10:25 PM
Carbazole	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM
Chrysene	**0.17**		**0.031**	**mg/Kg-dry**	1	06/27/12 10:25 PM
Dibenzo(a,h)anthracene	ND		0.31	mg/Kg-dry	10	06/27/12 09:58 PM
Dibenzofuran	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM
Diethyl phthalate	ND		0.34	mg/Kg-dry	1	06/27/12 10:25 PM
Dimethyl phthalate	ND		0.34	mg/Kg-dry	1	06/27/12 10:25 PM
Di-n-butyl phthalate	ND		0.34	mg/Kg-dry	1	06/27/12 10:25 PM
Di-n-octyl phthalate	ND		1.7	mg/Kg-dry	10	06/27/12 09:58 PM
Fluoranthene	**0.29**		**0.031**	**mg/Kg-dry**	1	06/27/12 10:25 PM
Fluorene	ND		0.031	mg/Kg-dry	1	06/27/12 10:25 PM
Hexachlorobenzene	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS09-061312
Collection Date: 06/13/12 02:10 PM

Work Order: 1206577
Lab ID: 1206577-25
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM
Hexachlorocyclopentadiene	ND		0.34	mg/Kg-dry	1	06/27/12 10:25 PM
Hexachloroethane	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM
Indeno(1,2,3-cd)pyrene	ND		0.31	mg/Kg-dry	10	06/27/12 09:58 PM
Isophorone	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM
Naphthalene	ND		0.031	mg/Kg-dry	1	06/27/12 10:25 PM
Nitrobenzene	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM
N-Nitrosodi-n-propylamine	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM
N-Nitrosodiphenylamine	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM
Pentachlorophenol	ND		0.34	mg/Kg-dry	1	06/27/12 10:25 PM
Phenanthrene	**0.13**		**0.031**	**mg/Kg-dry**	1	06/27/12 10:25 PM
Phenol	ND		0.17	mg/Kg-dry	1	06/27/12 10:25 PM
Pyrene	**0.30**		**0.031**	**mg/Kg-dry**	1	06/27/12 10:25 PM
Surr: 2,4,6-Tribromophenol	*108*		*34-140*	*%REC*	1	06/27/12 10:25 PM
Surr: 2-Fluorobiphenyl	*73.6*		*12-100*	*%REC*	1	06/27/12 10:25 PM
Surr: 2-Fluorophenol	*79.4*		*33-117*	*%REC*	1	06/27/12 10:25 PM
Surr: 4-Terphenyl-d14	*104*		*25-137*	*%REC*	1	06/27/12 10:25 PM
Surr: Nitrobenzene-d5	*65.0*		*37-107*	*%REC*	1	06/27/12 10:25 PM
Surr: Phenol-d6	*78.2*		*40-106*	*%REC*	1	06/27/12 10:25 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**		Prep Date: **06/20/12**	Analyst: **RS**
1,1,1-Trichloroethane	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
1,1,2,2-Tetrachloroethane	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
1,1,2-Trichloroethane	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
1,1,2-Trichlorotrifluoroethane	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
1,1-Dichloroethane	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
1,1-Dichloroethene	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
1,2,4-Trichlorobenzene	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
1,2-Dibromo-3-chloropropane	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
1,2-Dibromoethane	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
1,2-Dichlorobenzene	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
1,2-Dichloroethane	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
1,2-Dichloropropane	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
1,3-Dichlorobenzene	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
1,4-Dichlorobenzene	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
2-Butanone	ND		0.29	mg/Kg-dry	1	06/21/12 01:22 PM
2-Hexanone	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
4-Methyl-2-pentanone	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
Acetone	**0.18**	V	**0.14**	**mg/Kg-dry**	1	06/21/12 01:22 PM
Benzene	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
Bromodichloromethane	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

7/6/12

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS09-061312
Collection Date: 06/13/12 02:10 PM

Work Order: 1206577
Lab ID: 1206577-25
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
Bromomethane	ND		0.11	mg/Kg-dry	1	06/21/12 01:22 PM
Carbon disulfide	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
Carbon tetrachloride	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
Chlorobenzene	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
Chloroethane	ND		0.14	mg/Kg-dry	1	06/21/12 01:22 PM
Chloroform	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
Chloromethane	ND		0.14	mg/Kg-dry	1	06/21/12 01:22 PM
cis-1,2-Dichloroethene	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
cis-1,3-Dichloropropene	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
Cyclohexane	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
Dibromochloromethane	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
Dichlorodifluoromethane	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
Ethylbenzene	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
Isopropylbenzene	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
Methyl acetate	ND		0.57	mg/Kg-dry	1	06/21/12 01:22 PM
Methyl tert-butyl ether	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
Methylcyclohexane	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
Methylene chloride	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
Styrene	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
Tetrachloroethene	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
Toluene	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
trans-1,2-Dichloroethene	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
trans-1,3-Dichloropropene	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
Trichloroethene	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
Trichlorofluoromethane	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
Vinyl chloride	ND		0.043	mg/Kg-dry	1	06/21/12 01:22 PM
Xylenes, Total	ND		0.13	mg/Kg-dry	1	06/21/12 01:22 PM
Surr: 1,2-Dichloroethane-d4	*96.7*		*70-130*	*%REC*	1	06/21/12 01:22 PM
Surr: 4-Bromofluorobenzene	*90.5*		*70-130*	*%REC*	1	06/21/12 01:22 PM
Surr: Dibromofluoromethane	*96.8*		*70-130*	*%REC*	1	06/21/12 01:22 PM
Surr: Toluene-d8	*103*		*70-130*	*%REC*	1	06/21/12 01:22 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **06/25/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.52	mg/Kg-dry	1	06/27/12 04:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**5.0**		**0.050**	**% of sample**	1	06/18/12 06:09 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS10-061312
Collection Date: 06/13/12 02:22 PM

Work Order: 1206577
Lab ID: 1206577-26
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **06/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0051	mg/Kg-dry	1	06/22/12 07:21 PM
2,4,5-TP (Silvex)	ND		0.010	mg/Kg-dry	1	06/22/12 07:21 PM
2,4-D	ND		0.0051	mg/Kg-dry	1	06/22/12 07:21 PM
Surr: DCAA	*89.6*		*30-150*	*%REC*	1	06/22/12 07:21 PM
PCBS			**SW8082**		Prep Date: **06/23/12**	Analyst: **JD**
Aroclor 1016	ND		0.041	mg/Kg-dry	1	06/26/12 02:02 AM
Aroclor 1221	ND		0.041	mg/Kg-dry	1	06/26/12 02:02 AM
Aroclor 1232	ND		0.041	mg/Kg-dry	1	06/26/12 02:02 AM
Aroclor 1242	ND		0.041	mg/Kg-dry	1	06/26/12 02:02 AM
Aroclor 1248	ND		0.041	mg/Kg-dry	1	06/26/12 02:02 AM
Aroclor 1254	**0.64**		**0.041**	**mg/Kg-dry**	1	06/26/12 02:02 AM
Aroclor 1260	ND		0.041	mg/Kg-dry	1	06/26/12 02:02 AM
Surr: Decachlorobiphenyl	*87.1*		*40-140*	*%REC*	1	06/26/12 02:02 AM
PESTICIDES			**SW8081**		Prep Date: **06/23/12**	Analyst: **JD**
4,4'-DDD	ND		0.052	mg/Kg-dry	5	06/28/12 04:56 PM
4,4'-DDE	ND		0.052	mg/Kg-dry	5	06/28/12 04:56 PM
4,4'-DDT	ND		0.052	mg/Kg-dry	5	06/28/12 04:56 PM
Aldrin	ND		0.052	mg/Kg-dry	5	06/28/12 04:56 PM
alpha-BHC	ND		0.052	mg/Kg-dry	5	06/28/12 04:56 PM
alpha-Chlordane	ND		0.052	mg/Kg-dry	5	06/28/12 04:56 PM
beta-BHC	ND		0.052	mg/Kg-dry	5	06/28/12 04:56 PM
Chlordane, Technical	ND		0.13	mg/Kg-dry	5	06/28/12 04:56 PM
delta-BHC	ND		0.052	mg/Kg-dry	5	06/28/12 04:56 PM
Dieldrin	ND		0.052	mg/Kg-dry	5	06/28/12 04:56 PM
Endosulfan I	ND		0.052	mg/Kg-dry	5	06/28/12 04:56 PM
Endosulfan II	ND		0.052	mg/Kg-dry	5	06/28/12 04:56 PM
Endosulfan sulfate	ND		0.052	mg/Kg-dry	5	06/28/12 04:56 PM
Endrin	ND		0.052	mg/Kg-dry	5	06/28/12 04:56 PM
Endrin aldehyde	ND		0.052	mg/Kg-dry	5	06/28/12 04:56 PM
Endrin ketone	ND		0.052	mg/Kg-dry	5	06/28/12 04:56 PM
gamma-BHC (Lindane)	ND		0.052	mg/Kg-dry	5	06/28/12 04:56 PM
gamma-Chlordane	ND		0.052	mg/Kg-dry	5	06/28/12 04:56 PM
Heptachlor	ND		0.052	mg/Kg-dry	5	06/28/12 04:56 PM
Heptachlor epoxide	ND		0.052	mg/Kg-dry	5	06/28/12 04:56 PM
Methoxychlor	ND		0.052	mg/Kg-dry	5	06/28/12 04:56 PM
Toxaphene	ND		0.31	mg/Kg-dry	5	06/28/12 04:56 PM
Surr: Decachlorobiphenyl	*85.1*		*45-135*	*%REC*	5	06/28/12 04:56 PM
Surr: Tetrachloro-m-xylene	*105*		*45-124*	*%REC*	5	06/28/12 04:56 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206577
Sample ID: CP-SS10-061312
Lab ID: 1206577-26
Collection Date: 06/13/12 02:22 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **06/27/12**	Analyst: **LR**
Mercury	ND		0.020	mg/Kg-dry	1	06/28/12 12:31 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **06/26/12**	Analyst: **ML**
Aluminum	**2,100**		**1.5**	**mg/Kg-dry**	**2**	06/27/12 04:37 AM
Antimony	**1.5**		**0.73**	**mg/Kg-dry**	**2**	06/27/12 04:37 AM
Arsenic	**2.1**		**0.73**	**mg/Kg-dry**	**2**	06/27/12 04:37 AM
Barium	**120**		**0.73**	**mg/Kg-dry**	**2**	06/27/12 04:37 AM
Beryllium	ND		1.5	mg/Kg-dry	10	06/27/12 07:15 PM
Boron	ND		15	mg/Kg-dry	10	06/28/12 02:52 PM
Cadmium	**0.68**		**0.29**	**mg/Kg-dry**	**2**	06/27/12 04:37 AM
Calcium	**160,000**		**730**	**mg/Kg-dry**	**20**	06/27/12 07:09 PM
Chromium	**26**		**0.73**	**mg/Kg-dry**	**2**	06/27/12 04:37 AM
Cobalt	**2.1**		**0.73**	**mg/Kg-dry**	**2**	06/27/12 04:37 AM
Copper	**8.2**		**0.73**	**mg/Kg-dry**	**2**	06/27/12 04:37 AM
Iron	**6,800**		**12**	**mg/Kg-dry**	**2**	06/27/12 04:37 AM
Lead	**210**		**0.73**	**mg/Kg-dry**	**2**	06/27/12 04:37 AM
Magnesium	**70,000**		**150**	**mg/Kg-dry**	10	06/27/12 07:15 PM
Manganese	**140**		**0.73**	**mg/Kg-dry**	**2**	06/27/12 04:37 AM
Nickel	**7.1**		**0.73**	**mg/Kg-dry**	**2**	06/27/12 04:37 AM
Potassium	**450**		**29**	**mg/Kg-dry**	**2**	06/27/12 04:37 AM
Selenium	ND		0.73	mg/Kg-dry	2	06/27/12 04:37 AM
Silver	ND		0.73	mg/Kg-dry	2	06/27/12 04:37 AM
Sodium	**110**		**29**	**mg/Kg-dry**	**2**	06/27/12 04:37 AM
Thallium	ND		0.73	mg/Kg-dry	2	06/27/12 04:37 AM
Vanadium	**6.1**		**0.73**	**mg/Kg-dry**	**2**	06/27/12 04:37 AM
Zinc	**1,000**		**15**	**mg/Kg-dry**	20	06/27/12 07:09 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **06/25/12**	Analyst: **RM**
1,1`-Biphenyl	ND		0.34	mg/Kg-dry	1	06/27/12 06:49 PM
2,4,5-Trichlorophenol	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM
2,4,6-Trichlorophenol	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM
2,4-Dichlorophenol	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM
2,4-Dimethylphenol	ND		0.34	mg/Kg-dry	1	06/27/12 06:49 PM
2,4-Dinitrophenol	ND		0.68	mg/Kg-dry	1	06/27/12 06:49 PM
2,4-Dinitrotoluene	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM
2,6-Dinitrotoluene	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM
2-Chloronaphthalene	ND		0.083	mg/Kg-dry	1	06/27/12 06:49 PM
2-Chlorophenol	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM
2-Methylnaphthalene	ND		0.083	mg/Kg-dry	1	06/27/12 06:49 PM
2-Methylphenol	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS10-061312
Collection Date: 06/13/12 02:22 PM

Work Order: 1206577
Lab ID: 1206577-26
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.68	mg/Kg-dry	1	06/27/12 06:49 PM
2-Nitrophenol	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM
3,3'-Dichlorobenzidine	ND		0.68	mg/Kg-dry	1	06/27/12 06:49 PM
3-Nitroaniline	ND		0.68	mg/Kg-dry	1	06/27/12 06:49 PM
4,6-Dinitro-2-methylphenol	ND		0.34	mg/Kg-dry	1	06/27/12 06:49 PM
4-Bromophenyl phenyl ether	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM
4-Chloro-3-methylphenol	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM
4-Chloroaniline	ND		0.68	mg/Kg-dry	1	06/27/12 06:49 PM
4-Chlorophenyl phenyl ether	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM
4-Methylphenol	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM
4-Nitroaniline	ND		0.68	mg/Kg-dry	1	06/27/12 06:49 PM
4-Nitrophenol	ND		0.68	mg/Kg-dry	1	06/27/12 06:49 PM
Acenaphthene	ND		0.031	mg/Kg-dry	1	06/27/12 06:49 PM
Acenaphthylene	ND		0.031	mg/Kg-dry	1	06/27/12 06:49 PM
Acetophenone	ND		0.34	mg/Kg-dry	1	06/27/12 06:49 PM
Anthracene	ND		0.031	mg/Kg-dry	1	06/27/12 06:49 PM
Atrazine	ND		0.34	mg/Kg-dry	1	06/27/12 06:49 PM
Benzaldehyde	ND		0.34	mg/Kg-dry	1	06/27/12 06:49 PM
Benzo(a)anthracene	**0.18**		**0.031**	**mg/Kg-dry**	1	06/27/12 06:49 PM
Benzo(a)pyrene	ND		0.62	mg/Kg-dry	20	06/26/12 02:25 PM
Benzo(b)fluoranthene	ND		0.62	mg/Kg-dry	20	06/26/12 02:25 PM
Benzo(g,h,i)perylene	ND		0.62	mg/Kg-dry	20	06/26/12 02:25 PM
Benzo(k)fluoranthene	ND		0.62	mg/Kg-dry	20	06/26/12 02:25 PM
Bis(2-chloroethoxy)methane	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM
Bis(2-chloroethyl)ether	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM
Bis(2-chloroisopropyl)ether	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM
Bis(2-ethylhexyl)phthalate	ND		0.34	mg/Kg-dry	1	06/27/12 06:49 PM
Butyl benzyl phthalate	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM
Caprolactam	ND		0.34	mg/Kg-dry	1	06/27/12 06:49 PM
Carbazole	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM
Chrysene	**0.26**		**0.031**	**mg/Kg-dry**	1	06/27/12 06:49 PM
Dibenzo(a,h)anthracene	ND		0.62	mg/Kg-dry	20	06/26/12 02:25 PM
Dibenzofuran	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM
Diethyl phthalate	ND		0.34	mg/Kg-dry	1	06/27/12 06:49 PM
Dimethyl phthalate	ND		0.34	mg/Kg-dry	1	06/27/12 06:49 PM
Di-n-butyl phthalate	ND		0.34	mg/Kg-dry	1	06/27/12 06:49 PM
Di-n-octyl phthalate	ND		3.3	mg/Kg-dry	20	06/26/12 02:25 PM
Fluoranthene	**0.43**		**0.031**	**mg/Kg-dry**	1	06/27/12 06:49 PM
Fluorene	ND		0.031	mg/Kg-dry	1	06/27/12 06:49 PM
Hexachlorobenzene	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS10-061312
Collection Date: 06/13/12 02:22 PM

Work Order: 1206577
Lab ID: 1206577-26
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM
Hexachlorocyclopentadiene	ND		0.34	mg/Kg-dry	1	06/27/12 06:49 PM
Hexachloroethane	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM
Indeno(1,2,3-cd)pyrene	ND		0.62	mg/Kg-dry	20	06/26/12 02:25 PM
Isophorone	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM
Naphthalene	ND		0.031	mg/Kg-dry	1	06/27/12 06:49 PM
Nitrobenzene	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM
N-Nitrosodi-n-propylamine	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM
N-Nitrosodiphenylamine	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM
Pentachlorophenol	ND		0.34	mg/Kg-dry	1	06/27/12 06:49 PM
Phenanthrene	**0.16**		**0.031**	**mg/Kg-dry**	1	06/27/12 06:49 PM
Phenol	ND		0.17	mg/Kg-dry	1	06/27/12 06:49 PM
Pyrene	**0.40**		**0.031**	**mg/Kg-dry**	1	06/27/12 06:49 PM
Surr: 2,4,6-Tribromophenol	*99.5*		*34-140*	*%REC*	1	06/27/12 06:49 PM
Surr: 2-Fluorobiphenyl	*68.8*		*12-100*	*%REC*	1	06/27/12 06:49 PM
Surr: 2-Fluorophenol	*72.3*		*33-117*	*%REC*	1	06/27/12 06:49 PM
Surr: 4-Terphenyl-d14	*86.0*		*25-137*	*%REC*	1	06/27/12 06:49 PM
Surr: Nitrobenzene-d5	*59.1*		*37-107*	*%REC*	1	06/27/12 06:49 PM
Surr: Phenol-d6	*74.3*		*40-106*	*%REC*	1	06/27/12 06:49 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**		Prep Date: **06/20/12**	Analyst: **RS**
1,1,1-Trichloroethane	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
1,1,2,2-Tetrachloroethane	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
1,1,2-Trichloroethane	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
1,1,2-Trichlorotrifluoroethane	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
1,1-Dichloroethane	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
1,1-Dichloroethene	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
1,2,4-Trichlorobenzene	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
1,2-Dibromo-3-chloropropane	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
1,2-Dibromoethane	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
1,2-Dichlorobenzene	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
1,2-Dichloroethane	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
1,2-Dichloropropane	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
1,3-Dichlorobenzene	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
1,4-Dichlorobenzene	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
2-Butanone	ND		0.23	mg/Kg-dry	1	06/21/12 01:47 PM
2-Hexanone	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
4-Methyl-2-pentanone	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
Acetone	**0.17**	V	**0.12**	**mg/Kg-dry**	1	06/21/12 01:47 PM
Benzene	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
Bromodichloromethane	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

7/6/12

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS10-061312
Collection Date: 06/13/12 02:22 PM

Work Order: 1206577
Lab ID: 1206577-26
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
Bromomethane	ND		0.086	mg/Kg-dry	1	06/21/12 01:47 PM
Carbon disulfide	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
Carbon tetrachloride	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
Chlorobenzene	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
Chloroethane	ND		0.12	mg/Kg-dry	1	06/21/12 01:47 PM
Chloroform	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
Chloromethane	ND		0.12	mg/Kg-dry	1	06/21/12 01:47 PM
cis-1,2-Dichloroethene	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
cis-1,3-Dichloropropene	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
Cyclohexane	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
Dibromochloromethane	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
Dichlorodifluoromethane	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
Ethylbenzene	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
Isopropylbenzene	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
Methyl acetate	ND		0.46	mg/Kg-dry	1	06/21/12 01:47 PM
Methyl tert-butyl ether	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
Methylcyclohexane	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
Methylene chloride	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
Styrene	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
Tetrachloroethene	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
Toluene	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
trans-1,2-Dichloroethene	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
trans-1,3-Dichloropropene	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
Trichloroethene	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
Trichlorofluoromethane	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
Vinyl chloride	ND		0.035	mg/Kg-dry	1	06/21/12 01:47 PM
Xylenes, Total	ND		0.10	mg/Kg-dry	1	06/21/12 01:47 PM
Surr: 1,2-Dichloroethane-d4	*95.6*		*70-130*	*%REC*	1	06/21/12 01:47 PM
Surr: 4-Bromofluorobenzene	*88.4*		*70-130*	*%REC*	1	06/21/12 01:47 PM
Surr: Dibromofluoromethane	*95.2*		*70-130*	*%REC*	1	06/21/12 01:47 PM
Surr: Toluene-d8	*103*		*70-130*	*%REC*	1	06/21/12 01:47 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **06/25/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.52	mg/Kg-dry	1	06/27/12 04:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**4.5**		**0.050**	**% of sample**	1	06/18/12 06:09 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS11-061312
Collection Date: 06/13/12 02:30 PM

Work Order: 1206577
Lab ID: 1206577-27
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **06/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0050	mg/Kg-dry	1	06/22/12 07:29 PM
2,4,5-TP (Silvex)	ND		0.010	mg/Kg-dry	1	06/22/12 07:29 PM
2,4-D	ND		0.0050	mg/Kg-dry	1	06/22/12 07:29 PM
Surr: DCAA	*107*		*30-150*	*%REC*	1	06/22/12 07:29 PM
PCBS			**SW8082**		Prep Date: **06/23/12**	Analyst: **JD**
Aroclor 1016	ND		0.039	mg/Kg-dry	1	06/26/12 02:22 AM
Aroclor 1221	ND		0.039	mg/Kg-dry	1	06/26/12 02:22 AM
Aroclor 1232	ND		0.039	mg/Kg-dry	1	06/26/12 02:22 AM
Aroclor 1242	ND		0.039	mg/Kg-dry	1	06/26/12 02:22 AM
Aroclor 1248	ND		0.039	mg/Kg-dry	1	06/26/12 02:22 AM
Aroclor 1254	ND		0.039	mg/Kg-dry	1	06/26/12 02:22 AM
Aroclor 1260	ND		0.039	mg/Kg-dry	1	06/26/12 02:22 AM
Surr: Decachlorobiphenyl	*83.1*		*40-140*	*%REC*	1	06/26/12 02:22 AM
PESTICIDES			**SW8081**		Prep Date: **06/23/12**	Analyst: **JD**
4,4'-DDD	ND		0.097	mg/Kg-dry	10	06/28/12 05:11 PM
4,4'-DDE	ND		0.097	mg/Kg-dry	10	06/28/12 05:11 PM
4,4'-DDT	ND		0.097	mg/Kg-dry	10	06/28/12 05:11 PM
Aldrin	ND		0.097	mg/Kg-dry	10	06/28/12 05:11 PM
alpha-BHC	ND		0.097	mg/Kg-dry	10	06/28/12 05:11 PM
alpha-Chlordane	ND		0.097	mg/Kg-dry	10	06/28/12 05:11 PM
beta-BHC	ND		0.097	mg/Kg-dry	10	06/28/12 05:11 PM
Chlordane, Technical	ND		0.24	mg/Kg-dry	10	06/28/12 05:11 PM
delta-BHC	ND		0.097	mg/Kg-dry	10	06/28/12 05:11 PM
Dieldrin	ND		0.097	mg/Kg-dry	10	06/28/12 05:11 PM
Endosulfan I	ND		0.097	mg/Kg-dry	10	06/28/12 05:11 PM
Endosulfan II	ND		0.097	mg/Kg-dry	10	06/28/12 05:11 PM
Endosulfan sulfate	ND		0.097	mg/Kg-dry	10	06/28/12 05:11 PM
Endrin	ND		0.097	mg/Kg-dry	10	06/28/12 05:11 PM
Endrin aldehyde	ND		0.097	mg/Kg-dry	10	06/28/12 05:11 PM
Endrin ketone	ND		0.097	mg/Kg-dry	10	06/28/12 05:11 PM
gamma-BHC (Lindane)	ND		0.097	mg/Kg-dry	10	06/28/12 05:11 PM
gamma-Chlordane	ND		0.097	mg/Kg-dry	10	06/28/12 05:11 PM
Heptachlor	ND		0.097	mg/Kg-dry	10	06/28/12 05:11 PM
Heptachlor epoxide	ND		0.097	mg/Kg-dry	10	06/28/12 05:11 PM
Methoxychlor	ND		0.097	mg/Kg-dry	10	06/28/12 05:11 PM
Toxaphene	ND		0.58	mg/Kg-dry	10	06/28/12 05:11 PM
Surr: Decachlorobiphenyl	*80.1*		*45-135*	*%REC*	10	06/28/12 05:11 PM
Surr: Tetrachloro-m-xylene	*100*		*45-124*	*%REC*	10	06/28/12 05:11 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS11-061312
Collection Date: 06/13/12 02:30 PM

Work Order: 1206577
Lab ID: 1206577-27
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: **06/27/12**	Analyst: **LR**
Mercury	0.025		0.020	mg/Kg-dry	1	06/28/12 12:41 PM
METALS BY ICP-MS			SW6020A		Prep Date: **06/26/12**	Analyst: **ML**
Aluminum	2,200		1.7	mg/Kg-dry	2	06/27/12 04:43 AM
Antimony	ND		0.83	mg/Kg-dry	2	06/27/12 04:43 AM
Arsenic	1.8		0.83	mg/Kg-dry	2	06/27/12 04:43 AM
Barium	150		0.83	mg/Kg-dry	2	06/27/12 04:43 AM
Beryllium	ND		1.7	mg/Kg-dry	10	06/27/12 07:27 PM
Boron	ND		17	mg/Kg-dry	10	06/28/12 02:58 PM
Cadmium	0.72		0.33	mg/Kg-dry	2	06/27/12 04:43 AM
Calcium	200,000		830	mg/Kg-dry	20	06/27/12 07:21 PM
Chromium	18		0.83	mg/Kg-dry	2	06/27/12 04:43 AM
Cobalt	1.5		0.83	mg/Kg-dry	2	06/27/12 04:43 AM
Copper	6.8		0.83	mg/Kg-dry	2	06/27/12 04:43 AM
Iron	5,100		13	mg/Kg-dry	2	06/27/12 04:43 AM
Lead	160		0.83	mg/Kg-dry	2	06/27/12 04:43 AM
Magnesium	83,000		170	mg/Kg-dry	10	06/27/12 07:27 PM
Manganese	130		0.83	mg/Kg-dry	2	06/27/12 04:43 AM
Nickel	7.2		0.83	mg/Kg-dry	2	06/27/12 04:43 AM
Potassium	410		33	mg/Kg-dry	2	06/27/12 04:43 AM
Selenium	ND		0.83	mg/Kg-dry	2	06/27/12 04:43 AM
Silver	ND		0.83	mg/Kg-dry	2	06/27/12 04:43 AM
Sodium	120		33	mg/Kg-dry	2	06/27/12 04:43 AM
Thallium	ND		0.83	mg/Kg-dry	2	06/27/12 04:43 AM
Vanadium	7.0		0.83	mg/Kg-dry	2	06/27/12 04:43 AM
Zinc	1,100		17	mg/Kg-dry	20	06/27/12 07:21 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: **06/25/12**	Analyst: **RM**
1,1`-Biphenyl	ND		3.3	mg/Kg-dry	10	06/26/12 05:32 PM
2,4,5-Trichlorophenol	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
2,4,6-Trichlorophenol	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
2,4-Dichlorophenol	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
2,4-Dimethylphenol	ND		3.3	mg/Kg-dry	10	06/26/12 05:32 PM
2,4-Dinitrophenol	ND		6.6	mg/Kg-dry	10	06/26/12 05:32 PM
2,4-Dinitrotoluene	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
2,6-Dinitrotoluene	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
2-Chloronaphthalene	ND		0.80	mg/Kg-dry	10	06/26/12 05:32 PM
2-Chlorophenol	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
2-Methylnaphthalene	ND		0.80	mg/Kg-dry	10	06/26/12 05:32 PM
2-Methylphenol	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS11-061312
Collection Date: 06/13/12 02:30 PM

Work Order: 1206577
Lab ID: 1206577-27
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		6.6	mg/Kg-dry	10	06/26/12 05:32 PM
2-Nitrophenol	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
3,3'-Dichlorobenzidine	ND		6.6	mg/Kg-dry	10	06/26/12 05:32 PM
3-Nitroaniline	ND		6.6	mg/Kg-dry	10	06/26/12 05:32 PM
4,6-Dinitro-2-methylphenol	ND		3.3	mg/Kg-dry	10	06/26/12 05:32 PM
4-Bromophenyl phenyl ether	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
4-Chloro-3-methylphenol	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
4-Chloroaniline	ND		6.6	mg/Kg-dry	10	06/26/12 05:32 PM
4-Chlorophenyl phenyl ether	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
4-Methylphenol	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
4-Nitroaniline	ND		6.6	mg/Kg-dry	10	06/26/12 05:32 PM
4-Nitrophenol	ND		6.6	mg/Kg-dry	10	06/26/12 05:32 PM
Acenaphthene	ND		0.30	mg/Kg-dry	10	06/26/12 05:32 PM
Acenaphthylene	ND		0.30	mg/Kg-dry	10	06/26/12 05:32 PM
Acetophenone	ND		3.3	mg/Kg-dry	10	06/26/12 05:32 PM
Anthracene	ND		0.30	mg/Kg-dry	10	06/26/12 05:32 PM
Atrazine	ND		3.3	mg/Kg-dry	10	06/26/12 05:32 PM
Benzaldehyde	ND		3.3	mg/Kg-dry	10	06/26/12 05:32 PM
Benzo(a)anthracene	**0.73**		**0.30**	**mg/Kg-dry**	10	06/26/12 05:32 PM
Benzo(a)pyrene	**1.0**		**0.30**	**mg/Kg-dry**	10	06/26/12 05:32 PM
Benzo(b)fluoranthene	**1.4**		**0.30**	**mg/Kg-dry**	10	06/26/12 05:32 PM
Benzo(g,h,i)perylene	**0.75**		**0.30**	**mg/Kg-dry**	10	06/26/12 05:32 PM
Benzo(k)fluoranthene	**0.57**		**0.30**	**mg/Kg-dry**	10	06/26/12 05:32 PM
Bis(2-chloroethoxy)methane	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
Bis(2-chloroethyl)ether	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
Bis(2-chloroisopropyl)ether	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
Bis(2-ethylhexyl)phthalate	ND		3.3	mg/Kg-dry	10	06/26/12 05:32 PM
Butyl benzyl phthalate	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
Caprolactam	ND		3.3	mg/Kg-dry	10	06/26/12 05:32 PM
Carbazole	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
Chrysene	**0.97**		**0.30**	**mg/Kg-dry**	10	06/26/12 05:32 PM
Dibenzo(a,h)anthracene	ND		0.30	mg/Kg-dry	10	06/26/12 05:32 PM
Dibenzofuran	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
Diethyl phthalate	ND		3.3	mg/Kg-dry	10	06/26/12 05:32 PM
Dimethyl phthalate	ND		3.3	mg/Kg-dry	10	06/26/12 05:32 PM
Di-n-butyl phthalate	ND		3.3	mg/Kg-dry	10	06/26/12 05:32 PM
Di-n-octyl phthalate	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
Fluoranthene	**1.8**		**0.30**	**mg/Kg-dry**	10	06/26/12 05:32 PM
Fluorene	ND		0.30	mg/Kg-dry	10	06/26/12 05:32 PM
Hexachlorobenzene	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS11-061312
Collection Date: 06/13/12 02:30 PM

Work Order: 1206577
Lab ID: 1206577-27
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
Hexachlorocyclopentadiene	ND		3.3	mg/Kg-dry	10	06/26/12 05:32 PM
Hexachloroethane	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
Indeno(1,2,3-cd)pyrene	**0.58**		**0.30**	**mg/Kg-dry**	10	06/26/12 05:32 PM
Isophorone	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
Naphthalene	ND		0.30	mg/Kg-dry	10	06/26/12 05:32 PM
Nitrobenzene	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
N-Nitrosodi-n-propylamine	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
N-Nitrosodiphenylamine	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
Pentachlorophenol	ND		3.3	mg/Kg-dry	10	06/26/12 05:32 PM
Phenanthrene	**0.61**		**0.30**	**mg/Kg-dry**	10	06/26/12 05:32 PM
Phenol	ND		1.6	mg/Kg-dry	10	06/26/12 05:32 PM
Pyrene	**1.5**		**0.30**	**mg/Kg-dry**	10	06/26/12 05:32 PM
Surr: 2,4,6-Tribromophenol	*102*		*34-140*	*%REC*	10	06/26/12 05:32 PM
Surr: 2-Fluorobiphenyl	*68.0*		*12-100*	*%REC*	10	06/26/12 05:32 PM
Surr: 2-Fluorophenol	*86.6*		*33-117*	*%REC*	10	06/26/12 05:32 PM
Surr: 4-Terphenyl-d14	*75.8*		*25-137*	*%REC*	10	06/26/12 05:32 PM
Surr: Nitrobenzene-d5	*75.2*		*37-107*	*%REC*	10	06/26/12 05:32 PM
Surr: Phenol-d6	*89.6*		*40-106*	*%REC*	10	06/26/12 05:32 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**		Prep Date: **06/20/12**	Analyst: **RS**
1,1,1-Trichloroethane	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
1,1,2,2-Tetrachloroethane	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
1,1,2-Trichloroethane	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
1,1,2-Trichlorotrifluoroethane	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
1,1-Dichloroethane	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
1,1-Dichloroethene	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
1,2,4-Trichlorobenzene	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
1,2-Dibromo-3-chloropropane	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
1,2-Dibromoethane	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
1,2-Dichlorobenzene	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
1,2-Dichloroethane	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
1,2-Dichloropropane	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
1,3-Dichlorobenzene	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
1,4-Dichlorobenzene	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
2-Butanone	ND		0.23	mg/Kg-dry	1	06/21/12 02:12 PM
2-Hexanone	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
4-Methyl-2-pentanone	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
Acetone	**0.18**	U	**0.12**	**mg/Kg-dry**	1	06/21/12 02:12 PM
Benzene	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
Bromodichloromethane	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ZH
7/6/12

ALS Group USA, Corp

Date: *30-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CP-SS11-061312
Collection Date: 06/13/12 02:30 PM

Work Order: 1206577
Lab ID: 1206577-27
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
Bromomethane	ND		0.088	mg/Kg-dry	1	06/21/12 02:12 PM
Carbon disulfide	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
Carbon tetrachloride	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
Chlorobenzene	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
Chloroethane	ND		0.12	mg/Kg-dry	1	06/21/12 02:12 PM
Chloroform	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
Chloromethane	ND		0.12	mg/Kg-dry	1	06/21/12 02:12 PM
cis-1,2-Dichloroethene	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
cis-1,3-Dichloropropene	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
Cyclohexane	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
Dibromochloromethane	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
Dichlorodifluoromethane	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
Ethylbenzene	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
Isopropylbenzene	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
Methyl acetate	ND		0.47	mg/Kg-dry	1	06/21/12 02:12 PM
Methyl tert-butyl ether	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
Methylcyclohexane	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
Methylene chloride	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
Styrene	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
Tetrachloroethene	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
Toluene	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
trans-1,2-Dichloroethene	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
trans-1,3-Dichloropropene	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
Trichloroethene	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
Trichlorofluoromethane	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
Vinyl chloride	ND		0.035	mg/Kg-dry	1	06/21/12 02:12 PM
Xylenes, Total	ND		0.11	mg/Kg-dry	1	06/21/12 02:12 PM
Surr: 1,2-Dichloroethane-d4	*95.7*		*70-130*	*%REC*	1	06/21/12 02:12 PM
Surr: 4-Bromofluorobenzene	*87.8*		*70-130*	*%REC*	1	06/21/12 02:12 PM
Surr: Dibromofluoromethane	*94.0*		*70-130*	*%REC*	1	06/21/12 02:12 PM
Surr: Toluene-d8	*101*		*70-130*	*%REC*	1	06/21/12 02:12 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **06/25/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.50	mg/Kg-dry	1	06/27/12 04:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**1.7**		**0.050**	**% of sample**	1	06/18/12 06:09 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

EASTERN SANDUSKY COUNTY DUMPS
SANDUSKY COUNTY, OHIO
DATA VALIDATION REPORT

Date: July 2, 2012
Laboratory: ALS Environmental (ALS), Holland, Michigan
Laboratory Project #: 1206634
Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON®) Superfund Technical Assessment and Response Team (START)
Weston Analytical Work Order #/TDD #: 20405.016.001.1731.00/S05-0001-1201-020

This data validation report has been prepared by WESTON START under the START III Region V contract. This report documents the data validation for one water sample plus one trip blank collected for the Eastern Sandusky County Dumps Site that were analyzed for the following parameters and U.S. Environmental Protection Agency (U.S. EPA) methods:

- Volatile Organic Compounds (VOC) by SW-846 Method 8260
- Toxicity Characteristic Leaching Procedure (TCLP) VOCs by SW-846 Methods 1311 and 8260
- Semivolatile Organic Carbons (SVOC) by SW-846 Method 8270
- TCLP SVOCs by SW-846 Methods 1311 and 8270
- Polychlorinated Biphenyls (PCB) by SW-846 Method 8082
- Pesticides by SW-846 Method 8081
- TCLP Pesticides by SW-846 Methods 1311 and 8081
- Herbicides by SW-846 Method 8151
- TCLP Herbicides by SW-846 Methods 1311 and 8151
- Metals by SW-846 Methods 6020A and 7470A
- TCLP Metals by SW-846 Methods 1311, 6020A, and 7470A
- Hexavalent Chromium by SW-846 Method 7196A
- Flashpoint by ASTM D93
- pH by SW-846 Method 9040

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 Inorganic Superfund Data Review" dated January 2010. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1206634

VOCs by SW-846 METHOD 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
CD-B01-W01-061812	1206634-02	Water	6/18/2012	6/23/2012
Trip Blank	1206634-03	Water	6/18/2012	6/23/2012

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 VOC analyses. The method blanks were free of target compound contamination above the reporting limit.

In addition, the trip blank contained no detections of target analytes.

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

An MS and MSD were not analyzed using a sample from this work order. Therefore, matrix interferences could not be analyzed using MS/MSDs. No qualifications are required.

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

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

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
CD-B01-W01-061812	1206634-01	Water	6/18/2012	6/22/2012

2. Holding Times

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

3. Blanks

A method blank was analyzed with the TCLP VOC analysis. The method blank was free of target compound contamination above the reporting limit.

4. Surrogate Results

The surrogate recovery results were within the laboratory-established QC limits.

5. LCS Results

The LCS recoveries were within laboratory QC limits.

6. MS and MSD Results

An MS and MSD were not analyzed using a sample from this work order. Therefore, matrix interferences could not be analyzed using MS/MSDs. No qualifications are required.

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

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

SVOCs BY SW-846 METHOD 8270

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
CD-B01-W01-061812	1206634-02	Water	6/18/2012	6/21/2012	6/26/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 7 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

A method blank was analyzed with the SVOC analysis. The method blank was free of target compound contamination above the reporting limits.

4. Surrogate Results

The surrogate recoveries were within the laboratory-established QC limits except for as follows. One surrogate had poor recovery; however, all other surrogates were within laboratory QC limits. No qualification is required for one surrogate being outside QC limits.

5. LCS Results

The percent recoveries for the LCS results were within the laboratory-established QC limits except for as follows. Two SVOCs were detected above the QC limit. However, these compounds were not detected in the sample and no qualifications were required.

6. MS and MSD Results

An MS and MSD were not analyzed using a sample from this work order. Therefore, matrix interferences could not be analyzed using MS/MSDs. No qualifications are required.

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

The SVOC data are acceptable for use based on the information received.

TCLP SVOCs BY SW-846 METHODS 1311 AND 8270

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
CD-B01-W01-061812	1206634-01	Water	6/18/2012	6/21/2012	6/23/2012

2. Holding Times

The sample was analyzed within the required holding time limit of 7 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

Method blanks were analyzed with the TCLP SVOC analyses. The method blanks were free of target compound contamination above the reporting limits.

4. Surrogate Results

The surrogate recoveries were within the laboratory-established QC limits except for as follows. One surrogate had poor recovery; however, all other surrogates were within laboratory QC limits. No qualification is required for one surrogate being outside QC limits.

5. LCS Results

The percent recoveries for the LCS results were within the laboratory-established QC limits.

6. MS and MSD Results

An MS and MSD were not analyzed using a sample from this work order; therefore matrix interferences could not be evaluated for samples in this work order using the MS/MSD.

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

The TCLP SVOC data are acceptable for use based on the information received.

PCBs BY U.S. EPA SW-846 METHOD 8082

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
CD-B01-W01-061812	1206634-02	Water	6/18/2012	6/25/2012	6/26/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 7 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

A method blank was analyzed with the PCB analyses and was free of target compound contamination above the reporting limit.

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

6. MS and MSD Results

An MS and MSD were not analyzed using a sample from this work order; therefore matrix interferences could not be evaluated for samples in this work order using the MS/MSD.

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

The PCB data are acceptable for use based on the information received.

PESTICIDES BY U.S. EPA SW-846 METHOD 8081

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
CD-B01-W01-061812	1206634-02	Water	6/18/2012	6/25/2012	6/27/2012

2. Holding Times

The sample was analyzed within the required holding time limit of 7 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

Method blanks were analyzed with the pesticide analyses. The method blanks were free of target compound contamination above the reporting limit.

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

6. MS and MSD Results

An MS and MSD were not analyzed using a sample from this work order; therefore matrix interferences could not be evaluated for samples in this work order using the MS/MSD.

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

The pesticide data are acceptable for use based on the information received.

TCLP PESTICIDES BY U.S. EPA SW-846 METHODS 1311 AND 8081

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
CD-B01-W01-061812	1206634-01	Water	6/18/2012	6/25/2012	6/27/2012

2. Holding Times

The sample was analyzed within the required holding time limit of 7 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

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

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

6. MS and MSD Results

An MS and MSD were not analyzed using a sample from this work order; therefore matrix interferences could not be evaluated for samples in this work order using the MS/MSD.

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

The TCLP pesticide data are acceptable for use based on the information received.

HERBICIDES BY U.S. EPA SW-846 METHOD 8151

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
CD-B01-W01-061812	1206634-02	Water	6/18/2012	6/23/2012	6/25/2012

2. Holding Times

The sample was analyzed within the required holding time limit of 7 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

Method blanks were analyzed with the herbicide analyses. The method blanks were free of target compound contamination above the reporting limit.

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

6. MS and MSD Results

An MS and MSD were not analyzed using a sample from this work order; therefore matrix interferences could not be evaluated for samples in this work order using the MS/MSD.

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

The herbicide data are acceptable for use based on the information received.

TCLP HERBICIDES BY U.S. EPA SW-846 METHODS 1311 AND 8151

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
CD-B01-W01-061812	1206634-01	Water	6/18/2012	6/23/2012	6/25/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 7 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

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

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

6. MS and MSD Results

An MS and MSD were not analyzed using a sample from this work order; therefore matrix interferences could not be evaluated for samples in this work order using the MS/MSD.

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

The TCLP herbicide data are acceptable for use based on the information received.

TOTAL METALS BY SW-846 METHODS 6020A AND 7470A

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
CD-B01-W01-061812	1206634-02	Water	6/18/2012	6/21/2012 – 6/22/2012

2. Holding Times

The sample was analyzed within the required holding time limit of 28 days from sample collection to analysis for mercury and 180 days from sample collection to analysis for all other metals.

3. Blank Results

Method blanks were analyzed with the metals analysis. The blanks were free of target analyte contamination above the reporting limits. Some metals were detected below the reporting limits in the method blanks; however, the sample concentrations were either non-detect or much higher than the blank concentrations. No qualifications were required.

4. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

5. MS and MSD Results

An MS and MSD were not analyzed using a sample from this work order; therefore matrix interferences could not be evaluated for samples in this work order using the MS/MSD.

6. Field Duplicate Results

There are no field duplicates associated with this work order.

7. Overall Assessment

The metals data are acceptable for use based on the information received.

TCLP METALS BY SW-846 METHODS 1311, 6020, AND 7470A

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
CD-B01-W01-061812	1206634-01	Water	6/18/2012	6/25/2012

2. Holding Times

The sample was analyzed within the required holding time limit of 28 days from sample collection to analysis for mercury and 180 days from sample collection to analysis for all other metals.

3. Blank Results

Method blanks were analyzed with the TCLP metals analysis. The blanks were free of target analyte contamination above the reporting limits. Some metals were detected below the reporting limits in the method blanks; however, the sample concentrations were either non-detect or much higher than the blank concentrations. No qualifications were required.

4. LCS Results

The LCS recoveries were within the laboratory-established QC limits for target analytes.

5. MS and MSD Results

An MS and MSD were not analyzed using a sample from this work order; therefore matrix interferences could not be evaluated for samples in this work order using the MS/MSD.

6. Field Duplicate Results

There are no field duplicates associated with this work order.

7. Overall Assessment

The TCLP metals data are acceptable for use based on the information received.

GENERAL CHEMISTRY PARAMETERS (Hexavalent chromium by 7196A, Flashpoint by ASTM D93, and pH by SW-846 9040)

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
CD-B01-W01-061812	1206634-02	Water	6/18/2012	6/19/2012 – 6/26/2012

2. Holding Times

The methods state that flashpoint and pH should be analyzed as soon as possible. For pH, the sample was analyzed 1 day from collection. No qualification was applied. The flashpoint analysis holding time is fairly high at approximately 8 days. However, because this is a water sample, the sample is not expected to flash and no qualifications were applied.

The holding time for hexavalent chromium in water is 24 hours. Hexavalent chromium was analyzed approximately 5 hours past this limit. No qualifications were applied for this minor discrepancy.

3. LCS Results

The percent recoveries for the LCSs were within QC limits.

5. Laboratory Duplicate Results

The laboratory duplicate RPDs were within QC limits.

6. MS and MSD Results

An MS and MSD were analyzed for hexavalent chromium using sample CD-B01-W01-061812 as the spiked sample. The recoveries were low. The result for hexavalent chromium was flagged "J" as estimated.

7. Overall Assessment

The hexavalent chromium, pH and flashpoint data are acceptable for use as qualified based on the information received.

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1206634

ATTACHMENT

ALS ENVIRONMENTAL
RESULTS SUMMARY WITH QUALIFIERS

ALS Group USA, Corp

Date: 28-Jun-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
WorkOrder: **1206634**

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 Quantitation Limit
RPD	Relative Percent Difference
SD	Serial Dilution
TDL	Target Detection Limit

Units Reported	Description
°F	Degrees Fahrenheit
mg/L	Milligrams per Liter
s.u.	Standard Units

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206634
Sample ID: CP-B01-W01-061812 **Lab ID:** 1206634-01
Collection Date: 06/18/12 11:30 AM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **06/23/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	06/25/12 11:19 AM
2,4-D	ND		0.0050	mg/L	1	06/25/12 11:19 AM
Surr: DCAA	*113*		*30-150*	*%REC*	1	06/25/12 11:19 AM
TCLP PESTICIDES			**SW8081**		Prep Date: **06/25/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	06/27/12 09:57 PM
Endrin	ND		0.00050	mg/L	1	06/27/12 09:57 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/27/12 09:57 PM
Heptachlor	ND		0.00025	mg/L	1	06/27/12 09:57 PM
Methoxychlor	ND		0.0025	mg/L	1	06/27/12 09:57 PM
Toxaphene	ND		0.020	mg/L	1	06/27/12 09:57 PM
Surr: Decachlorobiphenyl	*74.0*		*30-135*	*%REC*	1	06/27/12 09:57 PM
Surr: Tetrachloro-m-xylene	*118*		*25-140*	*%REC*	1	06/27/12 09:57 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/22/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/25/12 02:25 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **06/22/12**	Analyst: **CES**
Arsenic	ND		0.010	mg/L	1	06/25/12 08:05 PM
Barium	**0.092**		**0.050**	**mg/L**	1	06/25/12 08:05 PM
Cadmium	ND		0.0020	mg/L	1	06/25/12 08:05 PM
Chromium	ND		0.020	mg/L	1	06/25/12 08:05 PM
Lead	ND		0.010	mg/L	1	06/23/12 08:23 AM
Selenium	ND		0.020	mg/L	1	06/25/12 08:05 PM
Silver	ND		0.0050	mg/L	1	06/25/12 08:05 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **06/21/12**	Analyst: **RM**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/23/12 06:45 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/23/12 06:45 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/23/12 06:45 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/23/12 06:45 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/23/12 06:45 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/23/12 06:45 PM
Hexachloroethane	ND		0.10	mg/L	1	06/23/12 06:45 PM
m-Cresol	**3.9**		**1.0**	**mg/L**	10	06/26/12 02:41 AM
Nitrobenzene	ND		0.10	mg/L	1	06/23/12 06:45 PM
o-Cresol	**0.19**		**0.10**	**mg/L**	1	06/23/12 06:45 PM
p-Cresol	**3.9**		**1.0**	**mg/L**	10	06/26/12 02:41 AM
Pentachlorophenol	ND		0.40	mg/L	1	06/23/12 06:45 PM
Pyridine	ND		0.40	mg/L	1	06/23/12 06:45 PM
Surr: 2,4,6-Tribromophenol	*64.0*		*21-125*	*%REC*	1	06/23/12 06:45 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206634
Sample ID: CP-B01-W01-061812 **Lab ID:** 1206634-01
Collection Date: 06/18/12 11:30 AM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*44.7*		*39-94*	*%REC*	1	06/23/12 06:45 PM
Surr: 2-Fluorophenol	*0*	S	*10-75*	*%REC*	1	06/23/12 06:45 PM
Surr: 4-Terphenyl-d14	*58.6*		*26-119*	*%REC*	1	06/23/12 06:45 PM
Surr: Nitrobenzene-d5	*50.9*		*41-104*	*%REC*	1	06/23/12 06:45 PM
Surr: Phenol-d6	*19.0*		*11-50*	*%REC*	1	06/23/12 06:45 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/22/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.020	mg/L	20	06/22/12 08:20 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/22/12 08:20 PM
2-Butanone	ND		0.20	mg/L	20	06/22/12 08:20 PM
Benzene	ND		0.020	mg/L	20	06/22/12 08:20 PM
Carbon tetrachloride	ND		0.020	mg/L	20	06/22/12 08:20 PM
Chlorobenzene	ND		0.020	mg/L	20	06/22/12 08:20 PM
Chloroform	ND		0.020	mg/L	20	06/22/12 08:20 PM
Tetrachloroethene	ND		0.020	mg/L	20	06/22/12 08:20 PM
Trichloroethene	ND		0.020	mg/L	20	06/22/12 08:20 PM
Vinyl chloride	ND		0.020	mg/L	20	06/22/12 08:20 PM
Surr: 1,2-Dichloroethane-d4	*99.7*		*70-130*	*%REC*	20	06/22/12 08:20 PM
Surr: 4-Bromofluorobenzene	*97.8*		*70-130*	*%REC*	20	06/22/12 08:20 PM
Surr: Dibromofluoromethane	*100*		*70-130*	*%REC*	20	06/22/12 08:20 PM
Surr: Toluene-d8	*100*		*70-130*	*%REC*	20	06/22/12 08:20 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206634
Sample ID: CP-B01-W01-061812 **Lab ID:** 1206634-02
Collection Date: 06/18/12 11:30 AM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **06/23/12**	Analyst: **JD**
2,4,5-T	ND		0.0010	mg/L	1	06/25/12 09:00 AM
2,4,5-TP (Silvex)	ND		0.0020	mg/L	1	06/25/12 09:00 AM
2,4-D	ND		0.0020	mg/L	1	06/25/12 09:00 AM
Surr: DCAA	*113*		*30-150*	*%REC*	1	06/25/12 09:00 AM
PCBS			**SW8082**		Prep Date: **06/25/12**	Analyst: **JD**
Aroclor 1016	ND		0.00040	mg/L	1	06/26/12 09:37 AM
Aroclor 1221	ND		0.00040	mg/L	1	06/26/12 09:37 AM
Aroclor 1232	ND		0.00040	mg/L	1	06/26/12 09:37 AM
Aroclor 1242	ND		0.00040	mg/L	1	06/26/12 09:37 AM
Aroclor 1248	ND		0.00040	mg/L	1	06/26/12 09:37 AM
Aroclor 1254	ND		0.00040	mg/L	1	06/26/12 09:37 AM
Aroclor 1260	ND		0.00040	mg/L	1	06/26/12 09:37 AM
Surr: Decachlorobiphenyl	*55.0*		*40-140*	*%REC*	1	06/26/12 09:37 AM
PESTICIDES			**SW8081**		Prep Date: **06/25/12**	Analyst: **JD**
4,4´-DDD	ND		0.000020	mg/L	1	06/27/12 09:57 PM
4,4´-DDE	ND		0.000020	mg/L	1	06/27/12 09:57 PM
4,4´-DDT	ND		0.000020	mg/L	1	06/27/12 09:57 PM
Aldrin	ND		0.000010	mg/L	1	06/27/12 09:57 PM
alpha-BHC	ND		0.000010	mg/L	1	06/27/12 09:57 PM
alpha-Chlordane	ND		0.000020	mg/L	1	06/27/12 09:57 PM
beta-BHC	ND		0.000010	mg/L	1	06/27/12 09:57 PM
Chlordane, Technical	ND		0.00050	mg/L	1	06/27/12 09:57 PM
delta-BHC	ND		0.000010	mg/L	1	06/27/12 09:57 PM
Dieldrin	ND		0.000020	mg/L	1	06/27/12 09:57 PM
Endosulfan I	ND		0.000020	mg/L	1	06/27/12 09:57 PM
Endosulfan II	ND		0.000020	mg/L	1	06/27/12 09:57 PM
Endosulfan sulfate	ND		0.000020	mg/L	1	06/27/12 09:57 PM
Endrin	ND		0.000020	mg/L	1	06/27/12 09:57 PM
Endrin aldehyde	ND		0.000020	mg/L	1	06/27/12 09:57 PM
Endrin ketone	ND		0.000020	mg/L	1	06/27/12 09:57 PM
gamma-BHC (Lindane)	ND		0.000010	mg/L	1	06/27/12 09:57 PM
gamma-Chlordane	ND		0.000020	mg/L	1	06/27/12 09:57 PM
Heptachlor	ND		0.000010	mg/L	1	06/27/12 09:57 PM
Heptachlor epoxide	ND		0.000010	mg/L	1	06/27/12 09:57 PM
Hexachlorobenzene	ND		0.000010	mg/L	1	06/27/12 09:57 PM
Methoxychlor	ND		0.000040	mg/L	1	06/27/12 09:57 PM
Toxaphene	ND		0.0020	mg/L	1	06/27/12 09:57 PM
Surr: Decachlorobiphenyl	*74.0*		*30-145*	*%REC*	1	06/27/12 09:57 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206634
Sample ID: CP-B01-W01-061812 **Lab ID:** 1206634-02
Collection Date: 06/18/12 11:30 AM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Tetrachloro-m-xylene	*118*		*25-140*	*%REC*	1	06/27/12 09:57 PM
MERCURY BY CVAA			**SW7470**		Prep Date: **06/21/12**	Analyst: **LR**
Mercury	ND		0.00020	mg/L	1	06/21/12 03:18 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **06/21/12**	Analyst: **ML**
Aluminum	**2.6**		**0.020**	**mg/L**	2	06/22/12 09:38 PM
Antimony	ND		0.010	mg/L	2	06/22/12 09:38 PM
Arsenic	**0.046**		**0.010**	**mg/L**	2	06/22/12 09:38 PM
Barium	**0.20**		**0.010**	**mg/L**	2	06/25/12 03:30 PM
Beryllium	ND		0.0040	mg/L	2	06/22/12 09:38 PM
Boron	**0.27**		**0.040**	**mg/L**	2	06/25/12 03:30 PM
Cadmium	ND		0.0040	mg/L	2	06/25/12 03:30 PM
Calcium	**120**		**1.0**	**mg/L**	2	06/22/12 09:38 PM
Chromium	ND		0.010	mg/L	2	06/22/12 09:38 PM
Cobalt	ND		0.010	mg/L	2	06/22/12 09:38 PM
Copper	ND		0.010	mg/L	2	06/22/12 09:38 PM
Iron	**49**		**0.16**	**mg/L**	2	06/22/12 09:38 PM
Lead	**0.034**		**0.010**	**mg/L**	2	06/22/12 09:38 PM
Magnesium	**16**		**0.40**	**mg/L**	2	06/22/12 09:38 PM
Manganese	**0.60**		**0.010**	**mg/L**	2	06/22/12 09:38 PM
Nickel	ND		0.010	mg/L	2	06/22/12 09:38 PM
Potassium	**7.1**		**0.40**	**mg/L**	2	06/22/12 09:38 PM
Selenium	ND		0.010	mg/L	2	06/22/12 09:38 PM
Silver	ND		0.010	mg/L	2	06/22/12 09:38 PM
Sodium	**9.6**		**0.40**	**mg/L**	2	06/22/12 09:38 PM
Thallium	ND		0.010	mg/L	2	06/22/12 09:38 PM
Vanadium	ND		0.010	mg/L	2	06/22/12 09:38 PM
Zinc	**2.7**		**0.020**	**mg/L**	2	06/22/12 09:38 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **06/21/12**	Analyst: **RM**
1,1`-Biphenyl	ND		0.0050	mg/L	1	06/26/12 03:08 AM
2,4,5-Trichlorophenol	ND		0.0050	mg/L	1	06/26/12 03:08 AM
2,4,6-Trichlorophenol	ND		0.0050	mg/L	1	06/26/12 03:08 AM
2,4-Dichlorophenol	ND		0.010	mg/L	1	06/26/12 03:08 AM
2,4-Dimethylphenol	**0.17**		**0.050**	**mg/L**	10	06/26/12 02:41 AM
2,4-Dinitrophenol	ND		0.0050	mg/L	1	06/26/12 03:08 AM
2,4-Dinitrotoluene	ND		0.0050	mg/L	1	06/26/12 03:08 AM
2,6-Dinitrotoluene	ND		0.0050	mg/L	1	06/26/12 03:08 AM
2-Chloronaphthalene	ND		0.0050	mg/L	1	06/26/12 03:08 AM
2-Chlorophenol	ND		0.0050	mg/L	1	06/26/12 03:08 AM
2-Methylnaphthalene	ND		0.0050	mg/L	1	06/26/12 03:08 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206634
Sample ID: CP-B01-W01-061812
Lab ID: 1206634-02
Collection Date: 06/18/12 11:30 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Methylphenol	**0.010**		**0.0050**	**mg/L**	1	06/26/12 03:08 AM
2-Nitroaniline	ND		0.020	mg/L	1	06/26/12 03:08 AM
2-Nitrophenol	ND		0.0050	mg/L	1	06/26/12 03:08 AM
3,3´-Dichlorobenzidine	ND		0.0050	mg/L	1	06/26/12 03:08 AM
3-Nitroaniline	ND		0.020	mg/L	1	06/26/12 03:08 AM
4,6-Dinitro-2-methylphenol	ND		0.020	mg/L	1	06/26/12 03:08 AM
4-Bromophenyl phenyl ether	ND		0.0050	mg/L	1	06/26/12 03:08 AM
4-Chloro-3-methylphenol	ND		0.0050	mg/L	1	06/26/12 03:08 AM
4-Chloroaniline	ND		0.020	mg/L	1	06/26/12 03:08 AM
4-Chlorophenyl phenyl ether	ND		0.0050	mg/L	1	06/26/12 03:08 AM
4-Methylphenol	**0.19**		**0.050**	**mg/L**	10	06/26/12 02:41 AM
4-Nitroaniline	ND		0.020	mg/L	1	06/26/12 03:08 AM
4-Nitrophenol	ND		0.020	mg/L	1	06/26/12 03:08 AM
Acenaphthene	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Acenaphthylene	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Acetophenone	**0.010**		**0.0010**	**mg/L**	1	06/26/12 03:08 AM
Anthracene	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Atrazine	ND		0.010	mg/L	1	06/26/12 03:08 AM
Benzaldehyde	**0.013**		**0.0010**	**mg/L**	1	06/26/12 03:08 AM
Benzo(a)anthracene	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Benzo(a)pyrene	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Benzo(b)fluoranthene	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Benzo(g,h,i)perylene	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Benzo(k)fluoranthene	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Bis(2-chloroethoxy)methane	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Bis(2-chloroethyl)ether	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Bis(2-chloroisopropyl)ether	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Bis(2-ethylhexyl)phthalate	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Butyl benzyl phthalate	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Caprolactam	ND		0.010	mg/L	1	06/26/12 03:08 AM
Carbazole	ND		0.010	mg/L	1	06/26/12 03:08 AM
Chrysene	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Dibenzo(a,h)anthracene	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Dibenzofuran	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Diethyl phthalate	ND		0.020	mg/L	1	06/26/12 03:08 AM
Dimethyl phthalate	ND		0.020	mg/L	1	06/26/12 03:08 AM
Di-n-butyl phthalate	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Di-n-octyl phthalate	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Fluoranthene	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Fluorene	ND		0.0050	mg/L	1	06/26/12 03:08 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206634
Sample ID: CP-B01-W01-061812 **Lab ID:** 1206634-02
Collection Date: 06/18/12 11:30 AM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobenzene	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Hexachlorobutadiene	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Hexachlorocyclopentadiene	ND		0.020	mg/L	1	06/26/12 03:08 AM
Hexachloroethane	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Indeno(1,2,3-cd)pyrene	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Isophorone	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Naphthalene	**0.016**		**0.0050**	**mg/L**	1	06/26/12 03:08 AM
Nitrobenzene	ND		0.0050	mg/L	1	06/26/12 03:08 AM
N-Nitrosodi-n-propylamine	ND		0.0050	mg/L	1	06/26/12 03:08 AM
N-Nitrosodiphenylamine	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Pentachlorophenol	ND		0.020	mg/L	1	06/26/12 03:08 AM
Phenanthrene	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Phenol	**0.042**		**0.0050**	**mg/L**	1	06/26/12 03:08 AM
Pyrene	ND		0.0050	mg/L	1	06/26/12 03:08 AM
Surr: 2,4,6-Tribromophenol	*75.2*		*21-125*	*%REC*	1	06/26/12 03:08 AM
Surr: 2-Fluorobiphenyl	*47.6*		*36-94*	*%REC*	1	06/26/12 03:08 AM
Surr: 2-Fluorophenol	*0*	S	*10-75*	*%REC*	1	06/26/12 03:08 AM
Surr: 4-Terphenyl-d14	*61.2*		*26-119*	*%REC*	1	06/26/12 03:08 AM
Surr: Nitrobenzene-d5	*50.3*		*41-104*	*%REC*	1	06/26/12 03:08 AM
Surr: Phenol-d6	*20.7*		*11-50*	*%REC*	1	06/26/12 03:08 AM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **RS**
1,1,1-Trichloroethane	ND		0.0050	mg/L	5	06/23/12 11:51 PM
1,1,2,2-Tetrachloroethane	ND		0.0050	mg/L	5	06/23/12 11:51 PM
1,1,2-Trichloroethane	ND		0.0050	mg/L	5	06/23/12 11:51 PM
1,1,2-Trichlorotrifluoroethane	ND		0.0050	mg/L	5	06/23/12 11:51 PM
1,1-Dichloroethane	ND		0.0050	mg/L	5	06/23/12 11:51 PM
1,1-Dichloroethene	ND		0.0050	mg/L	5	06/23/12 11:51 PM
1,2,4-Trichlorobenzene	ND		0.0050	mg/L	5	06/23/12 11:51 PM
1,2-Dibromo-3-chloropropane	ND		0.0050	mg/L	5	06/23/12 11:51 PM
1,2-Dibromoethane	ND		0.0050	mg/L	5	06/23/12 11:51 PM
1,2-Dichlorobenzene	ND		0.0050	mg/L	5	06/23/12 11:51 PM
1,2-Dichloroethane	ND		0.0050	mg/L	5	06/23/12 11:51 PM
1,2-Dichloropropane	ND		0.010	mg/L	5	06/23/12 11:51 PM
1,3-Dichlorobenzene	ND		0.010	mg/L	5	06/23/12 11:51 PM
1,4-Dichlorobenzene	ND		0.010	mg/L	5	06/23/12 11:51 PM
2-Butanone	**0.0054**		**0.0030**	**mg/L**	5	06/23/12 11:51 PM
2-Hexanone	ND		0.025	mg/L	5	06/23/12 11:51 PM
4-Methyl-2-pentanone	ND		0.025	mg/L	5	06/23/12 11:51 PM
Acetone	**0.011**		**0.010**	**mg/L**	5	06/23/12 11:51 PM
Benzene	**0.017**		**0.0050**	**mg/L**	5	06/23/12 11:51 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206634

Sample ID: CP-B01-W01-061812 **Lab ID:** 1206634-02

Collection Date: 06/18/12 11:30 AM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromodichloromethane	ND		0.0050	mg/L	5	06/23/12 11:51 PM
Bromoform	ND		0.0050	mg/L	5	06/23/12 11:51 PM
Bromomethane	ND		0.0050	mg/L	5	06/23/12 11:51 PM
Carbon disulfide	ND		0.012	mg/L	5	06/23/12 11:51 PM
Carbon tetrachloride	ND		0.0050	mg/L	5	06/23/12 11:51 PM
Chlorobenzene	ND		0.0050	mg/L	5	06/23/12 11:51 PM
Chloroethane	ND		0.0050	mg/L	5	06/23/12 11:51 PM
Chloroform	ND		0.0050	mg/L	5	06/23/12 11:51 PM
Chloromethane	ND		0.0050	mg/L	5	06/23/12 11:51 PM
cis-1,2-Dichloroethene	**0.029**		**0.0050**	**mg/L**	5	06/23/12 11:51 PM
cis-1,3-Dichloropropene	ND		0.0050	mg/L	5	06/23/12 11:51 PM
Cyclohexane	ND		0.025	mg/L	5	06/23/12 11:51 PM
Dibromochloromethane	ND		0.0050	mg/L	5	06/23/12 11:51 PM
Dichlorodifluoromethane	ND		0.0050	mg/L	5	06/23/12 11:51 PM
Ethylbenzene	**3.3**		**0.050**	**mg/L**	50	06/23/12 11:26 PM
Isopropylbenzene	**0.072**		**0.0050**	**mg/L**	5	06/23/12 11:51 PM
Methyl acetate	**0.015**		**0.010**	**mg/L**	5	06/23/12 11:51 PM
Methyl tert-butyl ether	ND		0.025	mg/L	5	06/23/12 11:51 PM
Methylcyclohexane	**0.0054**		**0.0030**	**mg/L**	5	06/23/12 11:51 PM
Methylene chloride	ND		0.025	mg/L	5	06/23/12 11:51 PM
Styrene	ND		0.0050	mg/L	5	06/23/12 11:51 PM
Tetrachloroethene	ND		0.010	mg/L	5	06/23/12 11:51 PM
Toluene	**0.95**		**0.050**	**mg/L**	50	06/23/12 11:26 PM
trans-1,2-Dichloroethene	ND		0.0050	mg/L	5	06/23/12 11:51 PM
trans-1,3-Dichloropropene	ND		0.0050	mg/L	5	06/23/12 11:51 PM
Trichloroethene	**0.0082**		**0.0050**	**mg/L**	5	06/23/12 11:51 PM
Trichlorofluoromethane	ND		0.0050	mg/L	5	06/23/12 11:51 PM
Vinyl chloride	**0.012**		**0.0050**	**mg/L**	5	06/23/12 11:51 PM
Xylenes, Total	**29**		**1.5**	**mg/L**	500	06/25/12 06:46 PM
Surr: 1,2-Dichloroethane-d4	*98.8*		*70-120*	*%REC*	50	06/23/12 11:26 PM
Surr: 1,2-Dichloroethane-d4	*98.5*		*70-120*	*%REC*	5	06/23/12 11:51 PM
Surr: 1,2-Dichloroethane-d4	*100*		*70-120*	*%REC*	500	06/25/12 06:46 PM
Surr: 4-Bromofluorobenzene	*98.6*		*75-120*	*%REC*	50	06/23/12 11:26 PM
Surr: 4-Bromofluorobenzene	*105*		*75-120*	*%REC*	5	06/23/12 11:51 PM
Surr: 4-Bromofluorobenzene	*94.2*		*75-120*	*%REC*	500	06/25/12 06:46 PM
Surr: Dibromofluoromethane	*92.2*		*85-115*	*%REC*	50	06/23/12 11:26 PM
Surr: Dibromofluoromethane	*91.8*		*85-115*	*%REC*	5	06/23/12 11:51 PM
Surr: Dibromofluoromethane	*98.7*		*85-115*	*%REC*	500	06/25/12 06:46 PM
Surr: Toluene-d8	*96.5*		*85-120*	*%REC*	50	06/23/12 11:26 PM
Surr: Toluene-d8	*95.2*		*85-120*	*%REC*	5	06/23/12 11:51 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206634
Sample ID: CP-B01-W01-061812
Lab ID: 1206634-02
Collection Date: 06/18/12 11:30 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*96.8*		*85-120*	*%REC*	500	06/25/12 06:46 PM
CHROMIUM, HEXAVALENT			**SW7196A**			Analyst: **MB**
Chromium, Hexavalent	**0.0062**	J	**0.0050**	**mg/L**	1	06/19/12 04:30 PM
FLASHPOINT, P-M CLOSED-CUP			**D93**			Analyst: **NZ**
Flashpoint, P-M Closed-cup	**>200**			**°F**	1	06/26/12 09:00 AM
PH			**SW9040**			Analyst: **KV**
pH	**6.64**			**s.u.**	1	06/19/12 11:05 AM

LV
7/2/12

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206634
Sample ID: Trip Blank
Lab ID: 1206634-03
Collection Date: 06/18/12
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **RS**
1,1,1-Trichloroethane	ND		0.0010	mg/L	1	06/23/12 04:49 PM
1,1,2,2-Tetrachloroethane	ND		0.0010	mg/L	1	06/23/12 04:49 PM
1,1,2-Trichloroethane	ND		0.0010	mg/L	1	06/23/12 04:49 PM
1,1,2-Trichlorotrifluoroethane	ND		0.0010	mg/L	1	06/23/12 04:49 PM
1,1-Dichloroethane	ND		0.0010	mg/L	1	06/23/12 04:49 PM
1,1-Dichloroethene	ND		0.0010	mg/L	1	06/23/12 04:49 PM
1,2,4-Trichlorobenzene	ND		0.0010	mg/L	1	06/23/12 04:49 PM
1,2-Dibromo-3-chloropropane	ND		0.0010	mg/L	1	06/23/12 04:49 PM
1,2-Dibromoethane	ND		0.0010	mg/L	1	06/23/12 04:49 PM
1,2-Dichlorobenzene	ND		0.0010	mg/L	1	06/23/12 04:49 PM
1,2-Dichloroethane	ND		0.0010	mg/L	1	06/23/12 04:49 PM
1,2-Dichloropropane	ND		0.0020	mg/L	1	06/23/12 04:49 PM
1,3-Dichlorobenzene	ND		0.0020	mg/L	1	06/23/12 04:49 PM
1,4-Dichlorobenzene	ND		0.0020	mg/L	1	06/23/12 04:49 PM
2-Butanone	ND		0.0050	mg/L	1	06/23/12 04:49 PM
2-Hexanone	ND		0.0050	mg/L	1	06/23/12 04:49 PM
4-Methyl-2-pentanone	ND		0.0050	mg/L	1	06/23/12 04:49 PM
Acetone	ND		0.020	mg/L	1	06/23/12 04:49 PM
Benzene	ND		0.0010	mg/L	1	06/23/12 04:49 PM
Bromodichloromethane	ND		0.0010	mg/L	1	06/23/12 04:49 PM
Bromoform	ND		0.0010	mg/L	1	06/23/12 04:49 PM
Bromomethane	ND		0.0010	mg/L	1	06/23/12 04:49 PM
Carbon disulfide	ND		0.0025	mg/L	1	06/23/12 04:49 PM
Carbon tetrachloride	ND		0.0010	mg/L	1	06/23/12 04:49 PM
Chlorobenzene	ND		0.0010	mg/L	1	06/23/12 04:49 PM
Chloroethane	ND		0.0010	mg/L	1	06/23/12 04:49 PM
Chloroform	ND		0.0010	mg/L	1	06/23/12 04:49 PM
Chloromethane	ND		0.0010	mg/L	1	06/23/12 04:49 PM
cis-1,2-Dichloroethene	ND		0.0010	mg/L	1	06/23/12 04:49 PM
cis-1,3-Dichloropropene	ND		0.0010	mg/L	1	06/23/12 04:49 PM
Cyclohexane	ND		0.0050	mg/L	1	06/23/12 04:49 PM
Dibromochloromethane	ND		0.0010	mg/L	1	06/23/12 04:49 PM
Dichlorodifluoromethane	ND		0.0010	mg/L	1	06/23/12 04:49 PM
Ethylbenzene	ND		0.0010	mg/L	1	06/23/12 04:49 PM
Isopropylbenzene	ND		0.0010	mg/L	1	06/23/12 04:49 PM
Methyl acetate	ND		0.0020	mg/L	1	06/23/12 04:49 PM
Methyl tert-butyl ether	ND		0.0050	mg/L	1	06/23/12 04:49 PM
Methylcyclohexane	ND		0.0050	mg/L	1	06/23/12 04:49 PM
Methylene chloride	ND		0.0050	mg/L	1	06/23/12 04:49 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206634
Sample ID: Trip Blank
Lab ID: 1206634-03
Collection Date: 06/18/12
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		0.0010	mg/L	1	06/23/12 04:49 PM
Tetrachloroethene	ND		0.0020	mg/L	1	06/23/12 04:49 PM
Toluene	ND		0.0010	mg/L	1	06/23/12 04:49 PM
trans-1,2-Dichloroethene	ND		0.0010	mg/L	1	06/23/12 04:49 PM
trans-1,3-Dichloropropene	ND		0.0010	mg/L	1	06/23/12 04:49 PM
Trichloroethene	ND		0.0010	mg/L	1	06/23/12 04:49 PM
Trichlorofluoromethane	ND		0.0010	mg/L	1	06/23/12 04:49 PM
Vinyl chloride	ND		0.0010	mg/L	1	06/23/12 04:49 PM
Xylenes, Total	ND		0.0030	mg/L	1	06/23/12 04:49 PM
Surr: 1,2-Dichloroethane-d4	*106*		*70-120*	*%REC*	1	06/23/12 04:49 PM
Surr: 4-Bromofluorobenzene	*100*		*75-120*	*%REC*	1	06/23/12 04:49 PM
Surr: Dibromofluoromethane	*95.7*		*85-115*	*%REC*	1	06/23/12 04:49 PM
Surr: Toluene-d8	*98.1*		*85-120*	*%REC*	1	06/23/12 04:49 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

EASTERN SANDUSKY COUNTY DUMPS
SANDUSKY COUNTY, OHIO
DATA VALIDATION REPORT

Date: July 3, 2012
Laboratory: ALS Environmental (ALS), Holland, Michigan
Laboratory Project #: 1206641
Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON®) Superfund Technical Assessment and Response Team (START)
Weston Analytical Work Order #/TDD #: 20405.016.001.1731.00/S05-0001-1201-020

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 soil samples plus one trip blank collected for the Eastern Sandusky County Dumps Site that were analyzed for the following parameters and U.S. Environmental Protection Agency (U.S. EPA) methods:

- Volatile Organic Compounds (VOC) by SW-846 Method 8260
- Toxicity Characteristic Leaching Procedure (TCLP) VOCs by SW-846 Methods 1311 and 8260
- Semivolatile Organic Carbons (SVOC) by SW-846 Method 8270
- TCLP SVOCs by SW-846 Methods 1311 and 8270
- Polychlorinated Biphenyls (PCB) by SW-846 Method 8082
- Pesticides by SW-846 Method 8081
- TCLP Pesticides by SW-846 Methods 1311 and 8081
- Herbicides by SW-846 Method 8151
- TCLP Herbicides by SW-846 Methods 1311 and 8151
- Metals by SW-846 Methods 6020A and 7471A
- TCLP Metals by SW-846 Methods 1311, 6020A, and 7470A
- Hexavalent Chromium by SW-846 Method 7196A
- Flashpoint by ASTM D92
- pH by SW-846 Method 9045D

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 Inorganic Superfund Data Review" dated January 2010. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1206641

VOCs by SW-846 METHOD 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
WP-B01-S01-061512	1206641-01	Soil	6/15/2012	6/26/2012
WP-B02-S01-061512	1206641-02	Soil	6/15/2012	6/26/2012
WP-B02-S02-061512	1206641-03	Soil	6/15/2012	6/26/2012
WP-B03-S01-061512	1206641-04	Soil	6/15/2012	6/26/2012
WP-B04-S01-061512	1206641-05	Soil	6/15/2012	6/26/2012
WP-B05-S01-061512	1206641-06	Soil	6/15/2012	6/26/2012
WP-B05-S01-061512-DP	1206641-07	Soil	6/15/2012	6/26/2012
WP-B06-S01-061512	1206641-08	Soil	6/15/2012	6/26/2012
ESCD-DISP01-061512	1206641-09	Soil	6/15/2012	6/26/2012
CD-B01-S01-061512	1206641-10	Soil	6/15/2012	6/26/2012
CD-B02-S01-061512	1206641-11	Soil	6/15/2012	6/26/2012
CD-B03-S01-061512	1206641-12	Soil	6/15/2012	6/26/2012
CD-B04-S01-061512	1206641-13	Soil	6/15/2012	6/26/2012
Trip Blank	1206641-27	Soil	6/15/2012	6/26/2012

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 VOC analyses. The method blanks contained the following contaminants: chloroform, methyl acetate, and methylene chloride. The trip blank contained methyl acetate at 0.45 milligram per kilogram (mg/kg).

Because all detected methyl acetate results were below the method blank concentration and at a similar concentration to the method blank, they were flagged “U” as not detected.

Chloroform and methylene chloride were not detected in the samples; therefore, no qualification was required.

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

An MS and MSD were analyzed using sample WP-B06-S01-061512 as the spiked sample. The percent recoveries and relative percent differences (RPD) were with QC limits except for as follows. 4-Methyl-2-pentanone was detected high in the MSD but was within QC limit in the MS. This compound was not detected in any samples and no qualification was required.

7. Field Duplicate Results

There is one field duplicate associated with this work order: WP-B05-S01-061512-DP. Toluene was the only compound detected in the field duplicate and associated investigative sample. The RPD for toluene was calculated to be 71 percent which is somewhat high indicating some heterogeneity in the samples associated with toluene.

8. Overall Assessment

The VOC data are acceptable for use as qualified based on the information received.

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
WP-B01-S01-061512	1206641-14	Soil	6/15/2012	6/23/2012
WP-B02-S01-061512	1206641-15	Soil	6/15/2012	6/23/2012
WP-B02-S02-061512	1206641-16	Soil	6/15/2012	6/23/2012
WP-B03-S01-061512	1206641-17	Soil	6/15/2012	6/23/2012
WP-B04-S01-061512	1206641-18	Soil	6/15/2012	6/23/2012
WP-B05-S01-061512	1206641-19	Soil	6/15/2012	6/23/2012
WP-B05-S01-061512-DP	1206641-20	Soil	6/15/2012	6/23/2012

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
WP-B06-S01-061512	1206641-21	Soil	6/15/2012	6/23/2012
ESCD-DISP01-061512	1206641-22	Soil	6/15/2012	6/23/2012
CD-B01-S01-061512	1206641-23	Soil	6/15/2012	6/23/2012
CD-B02-S01-061512	1206641-24	Soil	6/15/2012	6/23/2012
CD-B03-S01-061512	1206641-25	Soil	6/15/2012	6/23/2012
CD-B04-S01-061512	1206641-26	Soil	6/15/2012	6/23/2012

2. Holding Times

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

3. Blanks

A method blank was analyzed with the TCLP VOC analyses. The method blank was free of target compound contamination above the reporting limit.

4. Surrogate Results

The surrogate recovery results were within the laboratory-established QC limits.

5. LCS Results

The LCS recoveries were within laboratory QC limits.

6. MS and MSD Results

An MS and MSD were analyzed using sample WP-B06-S01-061512 as the spiked sample. The percent recoveries and RPDs were within QC limits.

7. Field Duplicate Results

There is one field duplicate associated with this work order: WP-B05-S01-061512-DP. Both the field duplicate and investigative sample contained no detections of TCLP VOCs indicating good correlation between the two samples.

8. Overall Assessment

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

SVOCs BY SW-846 METHOD 8270

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
WP-B01-S01-061512	1206641-01	Soil	6/15/2012	6/21/2012	6/24/2012
WP-B02-S01-061512	1206641-02	Soil	6/15/2012	6/21/2012	6/24/2012
WP-B02-S02-061512	1206641-03	Soil	6/15/2012	6/21/2012	6/25/2012
WP-B03-S01-061512	1206641-04	Soil	6/15/2012	6/21/2012	6/24/2012
WP-B04-S01-061512	1206641-05	Soil	6/15/2012	6/21/2012	6/25/2012
WP-B05-S01-061512	1206641-06	Soil	6/15/2012	6/21/2012	6/24/2012
WP-B05-S01-061512-DP	1206641-07	Soil	6/15/2012	6/21/2012	6/24/2012
WP-B06-S01-061512	1206641-08	Soil	6/15/2012	6/21/2012	6/24/2012
ESCD-DISP01-061512	1206641-09	Soil	6/15/2012	6/21/2012	6/23/2012
CD-B01-S01-061512	1206641-10	Soil	6/15/2012	6/21/2012	6/23/2012
CD-B02-S01-061512	1206641-11	Soil	6/15/2012	6/21/2012	6/26/2012
CD-B03-S01-061512	1206641-12	Soil	6/15/2012	6/21/2012	6/26/2012
CD-B04-S01-061512	1206641-13	Soil	6/15/2012	6/21/2012	6/22/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

Method blanks were analyzed with the SVOC analyses. The method blanks were free of target compound contamination above the reporting limits. Caprolactam was detected in a couple of method blanks below the reporting limit. The sample results were either non-detect or much greater than the method blank concentration and no qualifications were required.

4. Surrogate Results

The surrogate recoveries were within the laboratory-established QC limits except for as follows. In a few samples, one of the six surrogates was detected slightly high, above the QC limit. However, the other five surrogates had good recovery. No qualification was required.

5. LCS Results

The percent recoveries for the LCS results were within the laboratory-established QC limits except for as follows.

In one of the two LCSs, 2,4-dimethylphenol was detected low. In associated samples, the quantitation limits for 2,4-dimethylphenol were flagged "UJ" as estimated.

6. MS and MSD Results

One site-specific MS and MSD were analyzed using sample WP-B06-S01-061512 as the spiked sample. The percent recoveries and RPDs were with QC limits except for as follows. The percent recoveries for some compounds were detected slightly above the QC limits. However, these compounds were not detected in the sample and no qualifications were applied.

7. Field Duplicate Results

There is one field duplicate associated with this work order: WP-B05-S01-061512-DP. Both the field duplicate and investigative sample contained no detections of SVOCs indicating good correlation between the two samples.

8. Overall Assessment

The SVOC data are acceptable for use as qualified based on the information received.

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1206641

TCLP SVOCs BY SW-846 METHODS 1311 AND 8270

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
WP-B01-S01-061512	1206641-14	Soil	6/15/2012	6/21/2012	6/23/2012
WP-B02-S01-061512	1206641-15	Soil	6/15/2012	6/21/2012	6/23/2012
WP-B02-S02-061512	1206641-16	Soil	6/15/2012	6/21/2012	6/23/2012
WP-B03-S01-061512	1206641-17	Soil	6/15/2012	6/21/2012	6/23/2012
WP-B04-S01-061512	1206641-18	Soil	6/15/2012	6/21/2012	6/23/2012
WP-B05-S01-061512	1206641-19	Soil	6/15/2012	6/21/2012	6/23/2012
WP-B05-S01-061512-DP	1206641-20	Soil	6/15/2012	6/21/2012	6/23/2012
WP-B06-S01-061512	1206641-21	Soil	6/15/2012	6/25/2012	6/26/2012
ESCD-DISP01-061512	1206641-22	Soil	6/15/2012	6/22/2012	6/24/2012
CD-B01-S01-061512	1206641-23	Soil	6/15/2012	6/22/2012	6/24/2012
CD-B02-S01-061512	1206641-24	Soil	6/15/2012	6/22/2012	6/24/2012
CD-B03-S01-061512	1206641-25	Soil	6/15/2012	6/22/2012	6/24/2012
CD-B04-S01-061512	1206641-26	Soil	6/15/2012	6/22/2012	6/24/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

Method blanks were analyzed with the TCLP SVOC analyses. The method blanks were free of target compound contamination above the reporting limits.

4. Surrogate Results

The surrogate recoveries were within the laboratory-established QC limits.

5. LCS Results

The percent recoveries for the LCS results were within the laboratory-established QC limits.

6. MS and MSD Results

A site-specific MS and MSD were not analyzed with this work order for TCLP SVOCs. Therefore, matrix interference could not be evaluated using the MS and MSD samples. No qualification is required.

7. Field Duplicate Results

There is one field duplicate associated with this work order: WP-B05-S01-061512-DP. Both the field duplicate and investigative sample contained no detections of TCLP SVOCs indicating good correlation between the two samples.

8. Overall Assessment

The TCLP SVOC data are acceptable for use based on the information received.

PCBs BY U.S. EPA SW-846 METHOD 8082

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
WP-B01-S01-061512	1206641-01	Soil	6/15/2012	6/21/2012	6/25/2012
WP-B02-S01-061512	1206641-02	Soil	6/15/2012	6/21/2012	6/25/2012
WP-B02-S02-061512	1206641-03	Soil	6/15/2012	6/21/2012	6/25/2012
WP-B03-S01-061512	1206641-04	Soil	6/15/2012	6/21/2012	6/25/2012
WP-B04-S01-061512	1206641-05	Soil	6/15/2012	6/21/2012	6/25/2012
WP-B05-S01-061512	1206641-06	Soil	6/15/2012	6/21/2012	6/25/2012
WP-B05-S01-061512-DP	1206641-07	Soil	6/15/2012	6/21/2012	6/25/2012
WP-B06-S01-061512	1206641-08	Soil	6/15/2012	6/21/2012	6/25/2012
ESCD-DISP01-061512	1206641-09	Soil	6/15/2012	6/21/2012	6/25/2012
CD-B01-S01-061512	1206641-10	Soil	6/15/2012	6/21/2012	6/25/2012
CD-B02-S01-061512	1206641-11	Soil	6/15/2012	6/21/2012	6/25/2012
CD-B03-S01-061512	1206641-12	Soil	6/15/2012	6/21/2012	6/25/2012
CD-B04-S01-061512	1206641-13	Soil	6/15/2012	6/21/2012	6/25/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

A method blank was analyzed with the PCB analyses. The method blank was free of target compound contamination above the reporting limit.

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

6. MS and MSD Results

One site-specific MS and MSD were analyzed using sample WP-B06-S01-061512 as the spiked sample. The percent recoveries and RPDs were with QC limits except for as follows. In the MSD, Aroclor 1260 was detected 2 percent above the QC limit. The QC limit for the MS was met and the average of the two results was below the QC limit. No qualification was applied for this minor discrepancy.

7. Field Duplicate Results

There is one field duplicate associated with this work order: WP-B05-S01-061512-DP. Aroclor 1254 was detected in both the field duplicate and investigative sample at 2.0 and 3.7 mg/kg, respectively. The RPD calculates to be 55 percent which is a little elevated indicating some slight heterogeneity associated with PCBs in these samples.

8. Overall Assessment

The PCB data are acceptable for use based on the information received.

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1206641

PESTICIDES BY U.S. EPA SW-846 METHOD 8081

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
WP-B01-S01-061512	1206641-01	Soil	6/15/2012	6/21/2012	6/26/2012
WP-B02-S01-061512	1206641-02	Soil	6/15/2012	6/21/2012	6/26/2012
WP-B02-S02-061512	1206641-03	Soil	6/15/2012	6/21/2012	6/26/2012
WP-B03-S01-061512	1206641-04	Soil	6/15/2012	6/21/2012	6/26/2012
WP-B04-S01-061512	1206641-05	Soil	6/15/2012	6/21/2012	6/26/2012
WP-B05-S01-061512	1206641-06	Soil	6/15/2012	6/21/2012	6/26/2012
WP-B05-S01-061512-DP	1206641-07	Soil	6/15/2012	6/21/2012	6/26/2012
WP-B06-S01-061512	1206641-08	Soil	6/15/2012	6/21/2012	6/26/2012
ESCD-DISP01-061512	1206641-09	Soil	6/15/2012	6/21/2012	6/26/2012
CD-B01-S01-061512	1206641-10	Soil	6/15/2012	6/21/2012	6/26/2012
CD-B02-S01-061512	1206641-11	Soil	6/15/2012	6/21/2012	6/26/2012
CD-B03-S01-061512	1206641-12	Soil	6/15/2012	6/21/2012	6/26/2012
CD-B04-S01-061512	1206641-13	Soil	6/15/2012	6/21/2012	6/26/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

A method blank was analyzed with the pesticide analyses. The method blank was free of target compound contamination above the reporting limit.

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

6. MS and MSD Results

One site-specific MS and MSD were analyzed using sample WP-B06-S01-061512 as the spiked sample. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

There is one field duplicate associated with this work order: WP-B05-S01-061512-DP. Both the field duplicate and investigative sample contained no detections of pesticides indicating good correlation between the two samples.

8. Overall Assessment

The pesticide data are acceptable for use based on the information received.

TCLP PESTICIDES BY U.S. EPA SW-846 METHODS 1311 AND 8081

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
WP-B01-S01-061512	1206641-14	Soil	6/15/2012	6/22/2012	6/25/2012
WP-B02-S01-061512	1206641-15	Soil	6/15/2012	6/22/2012	6/25/2012
WP-B02-S02-061512	1206641-16	Soil	6/15/2012	6/22/2012	6/25/2012
WP-B03-S01-061512	1206641-17	Soil	6/15/2012	6/22/2012	6/25/2012
WP-B04-S01-061512	1206641-18	Soil	6/15/2012	6/22/2012	6/25/2012
WP-B05-S01-061512	1206641-19	Soil	6/15/2012	6/22/2012	6/25/2012
WP-B05-S01-061512-DP	1206641-20	Soil	6/15/2012	6/22/2012	6/25/2012
WP-B06-S01-061512	1206641-21	Soil	6/15/2012	6/22/2012	6/25/2012
ESCD-DISP01-061512	1206641-22	Soil	6/15/2012	6/22/2012	6/25/2012
CD-B01-S01-061512	1206641-23	Soil	6/15/2012	6/22/2012	6/25/2012
CD-B02-S01-061512	1206641-24	Soil	6/15/2012	6/22/2012	6/25/2012
CD-B03-S01-061512	1206641-25	Soil	6/15/2012	6/22/2012	6/25/2012
CD-B04-S01-061512	1206641-26	Soil	6/15/2012	6/22/2012	6/25/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

A method blank was analyzed with the TCLP pesticide analyses. The method blank was free of target compound contamination above the reporting limit.

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

6. MS and MSD Results

One site-specific MS and MSD were analyzed using sample WP-B06-S01-061512 as the spiked sample. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

There is one field duplicate associated with this work order: WP-B05-S01-061512-DP. Both the field duplicate and investigative sample contained no detections of TCLP pesticides indicating good correlation between the two samples.

8. Overall Assessment

The TCLP pesticide data are acceptable for use based on the information received.

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1206641

HERBICIDES BY U.S. EPA SW-846 METHOD 8151

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
WP-B01-S01-061512	1206641-01	Soil	6/15/2012	6/21/2012	6/22/2012
WP-B02-S01-061512	1206641-02	Soil	6/15/2012	6/21/2012	6/22/2012
WP-B02-S02-061512	1206641-03	Soil	6/15/2012	6/21/2012	6/22/2012
WP-B03-S01-061512	1206641-04	Soil	6/15/2012	6/21/2012	6/22/2012
WP-B04-S01-061512	1206641-05	Soil	6/15/2012	6/21/2012	6/22/2012
WP-B05-S01-061512	1206641-06	Soil	6/15/2012	6/21/2012	6/22/2012
WP-B05-S01-061512-DP	1206641-07	Soil	6/15/2012	6/21/2012	6/22/2012
WP-B06-S01-061512	1206641-08	Soil	6/15/2012	6/21/2012	6/22/2012
ESCD-DISP01-061512	1206641-09	Soil	6/15/2012	6/21/2012	6/22/2012
CD-B01-S01-061512	1206641-10	Soil	6/15/2012	6/21/2012	6/22/2012
CD-B02-S01-061512	1206641-11	Soil	6/15/2012	6/21/2012	6/22/2012
CD-B03-S01-061512	1206641-12	Soil	6/15/2012	6/21/2012	6/22/2012
CD-B04-S01-061512	1206641-13	Soil	6/15/2012	6/21/2012	6/22/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

A method blank was analyzed with the herbicide analyses. The method blank was free of target compound contamination above the reporting limit.

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

6. MS and MSD Results

One site-specific MS and MSD were analyzed using sample WP-B06-S01-061512 as the spiked sample. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

There is one field duplicate associated with this work order: WP-B05-S01-061512-DP. Both the field duplicate and investigative sample contained no detections of herbicides indicating good correlation between the two samples.

8. Overall Assessment

The herbicide data are acceptable for use based on the information received.

TCLP HERBICIDES BY U.S. EPA SW-846 METHODS 1311 AND 8151

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
WP-B01-S01-061512	1206641-14	Soil	6/15/2012	6/23/2012	6/25/2012
WP-B02-S01-061512	1206641-15	Soil	6/15/2012	6/23/2012	6/25/2012
WP-B02-S02-061512	1206641-16	Soil	6/15/2012	6/23/2012	6/25/2012
WP-B03-S01-061512	1206641-17	Soil	6/15/2012	6/23/2012	6/25/2012
WP-B04-S01-061512	1206641-18	Soil	6/15/2012	6/23/2012	6/25/2012
WP-B05-S01-061512	1206641-19	Soil	6/15/2012	6/23/2012	6/25/2012
WP-B05-S01-061512-DP	1206641-20	Soil	6/15/2012	6/23/2012	6/25/2012
WP-B06-S01-061512	1206641-21	Soil	6/15/2012	6/23/2012	6/25/2012
ESCD-DISP01-061512	1206641-22	Soil	6/15/2012	6/23/2012	6/25/2012
CD-B01-S01-061512	1206641-23	Soil	6/15/2012	6/23/2012	6/25/2012
CD-B02-S01-061512	1206641-24	Soil	6/15/2012	6/23/2012	6/25/2012
CD-B03-S01-061512	1206641-25	Soil	6/15/2012	6/23/2012	6/25/2012
CD-B04-S01-061512	1206641-26	Soil	6/15/2012	6/23/2012	6/25/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

A method blank was analyzed with the herbicide analyses. The method blank was free of target compound contamination above the reporting limit.

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

6. MS and MSD Results

One site-specific MS and MSD were analyzed using sample WP-B06-S01-061512 as the spiked sample. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

There is one field duplicate associated with this work order: WP-B05-S01-061512-DP. Both the field duplicate and investigative sample contained no detections of TCLP herbicides indicating good correlation between the two samples.

8. Overall Assessment

The TCLP herbicide data are acceptable for use based on the information received.

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
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TOTAL METALS BY SW-846 METHODS 6020A AND 7471

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
WP-B01-S01-061512	1206641-01	Soil	6/15/2012	6/23/2012 – 6/26/2012
WP-B02-S01-061512	1206641-02	Soil	6/15/2012	6/23/2012 – 6/26/2012
WP-B02-S02-061512	1206641-03	Soil	6/15/2012	6/23/2012 – 6/26/2012
WP-B03-S01-061512	1206641-04	Soil	6/15/2012	6/23/2012 – 6/26/2012
WP-B04-S01-061512	1206641-05	Soil	6/15/2012	6/23/2012 – 6/26/2012
WP-B05-S01-061512	1206641-06	Soil	6/15/2012	6/23/2012 – 6/26/2012
WP-B05-S01-061512-DP	1206641-07	Soil	6/15/2012	6/23/2012 – 6/26/2012
WP-B06-S01-061512	1206641-08	Soil	6/15/2012	6/23/2012 – 6/26/2012
ESCD-DISP01-061512	1206641-09	Soil	6/15/2012	6/23/2012 – 6/26/2012
CD-B01-S01-061512	1206641-10	Soil	6/15/2012	6/25/2012 – 6/26/2012
CD-B02-S01-061512	1206641-11	Soil	6/15/2012	6/25/2012
CD-B03-S01-061512	1206641-12	Soil	6/15/2012	6/25/2012
CD-B04-S01-061512	1206641-13	Soil	6/15/2012	6/25/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 28 days from sample collection to analysis for mercury and 180 days from sample collection to analysis for all other metals.

3. Blank Results

Method blanks were analyzed with the metals analysis. The blanks were free of target analyte contamination above the reporting limits. Some metals were detected below the reporting limits in the method blanks; however, the sample concentrations were either non-detect or much higher than the blank concentrations. No qualifications were required.

4. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

5. MS and MSD Results

For mercury only, a site-specific MS and MSD were analyzed using sample WP-B06-S01-061512 as the spiked sample. The percent recoveries and RPDs were within QC limits except for as follows.

6. Field Duplicate Results

There is one field duplicate associated with this work order: WP-B05-S01-061512-DP. The RPDs were calculated for detected metals.

The RPDs ranged from 0 to 96 percent. Only the RPD for boron exceeded a standard QC limit of 50 RPD or less. There appears to be some sample heterogeneity associated with boron in this soil sample. However, in general the correlation was very good between the field duplicate and investigative sample for metals.

7. Overall Assessment

The metals data are acceptable for use as qualified based on the information received.

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1206641

TCLP METALS BY SW-846 METHODS 1311, 6020, AND 7470A

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
WP-B01-S01-061512	1206641-14	Soil	6/15/2012	6/23/2012 - 6/25/2012
WP-B02-S01-061512	1206641-15	Soil	6/15/2012	6/23/2012 - 6/25/2012
WP-B02-S02-061512	1206641-16	Soil	6/15/2012	6/23/2012 - 6/25/2012
WP-B03-S01-061512	1206641-17	Soil	6/15/2012	6/23/2012 - 6/25/2012
WP-B04-S01-061512	1206641-18	Soil	6/15/2012	6/23/2012 - 6/25/2012
WP-B05-S01-061512	1206641-19	Soil	6/15/2012	6/25/2012 - 6/26/2012
WP-B05-S01-061512-DP	1206641-20	Soil	6/15/2012	6/25/2012 - 6/26/2012
WP-B06-S01-061512	1206641-21	Soil	6/15/2012	6/26/2012
ESCD-DISP01-061512	1206641-22	Soil	6/15/2012	6/26/2012
CD-B01-S01-061512	1206641-23	Soil	6/15/2012	6/26/2012
CD-B02-S01-061512	1206641-24	Soil	6/15/2012	6/26/2012
CD-B03-S01-061512	1206641-25	Soil	6/15/2012	6/26/2012
CD-B04-S01-061512	1206641-26	Soil	6/15/2012	6/26/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 28 days from sample collection to analysis for mercury and 180 days from sample collection to analysis for all other metals.

3. Blank Results

Method blanks were analyzed with the metals analysis. The blanks were free of target analyte contamination above the reporting limits. Some TCLP metals were detected below the reporting limit. However, the sample results were either non-detect or much greater than the method blank results and no qualifications were required.

4. LCS Results

The LCS recoveries were within the laboratory-established QC limits for target analytes.

5. MS and MSD Results

A site-specific MS and MSD were analyzed using sample WP-B06-S01-061512 as the spiked sample. The percent recoveries and RPDs were within QC limits.

6. Field Duplicate Results

There is one field duplicate associated with this work order: WP-B05-S01-061512-DP.

Barium was detected in the sample at 0.31 mg/kg and in the field duplicate at 0.62 mg/kg. The RPD for this is 67 percent which is above a standard QC limit of 50 RPD or less.

Cadmium was detected in the sample at 0.0022 mg/kg but was not detected in the field duplicate which had a reporting limit of 0.0020.

There is some heterogeneity associated with the samples for the TCLP metals analysis; however, it is very minor and does not affect data usability.

7. Overall Assessment

The TCLP metals data are acceptable for use based on the information received.

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1206641

GENERAL CHEMISTRY PARAMETERS (Hexavalent Chromium by 7196A, Flashpoint by ASTM D92, and pH by SW-846 Method 9045D)

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
WP-B01-S01-061512	1206641-01	Soil	6/15/2012	6/20/2012 – 6/26/2012
WP-B02-S01-061512	1206641-02	Soil	6/15/2012	6/20/2012 – 6/26/2012
WP-B02-S02-061512	1206641-03	Soil	6/15/2012	6/20/2012 – 6/26/2012
WP-B03-S01-061512	1206641-04	Soil	6/15/2012	6/20/2012 – 6/26/2012
WP-B04-S01-061512	1206641-05	Soil	6/15/2012	6/20/2012 – 6/26/2012
WP-B05-S01-061512	1206641-06	Soil	6/15/2012	6/20/2012 – 6/26/2012
WP-B05-S01-061512-DP	1206641-07	Soil	6/15/2012	6/20/2012 – 6/26/2012
WP-B06-S01-061512	1206641-08	Soil	6/15/2012	6/20/2012 – 6/26/2012
ESCD-DISP01-061512	1206641-09	Soil	6/15/2012	6/20/2012 – 6/26/2012
CD-B01-S01-061512	1206641-10	Soil	6/15/2012	6/20/2012 – 6/26/2012
CD-B02-S01-061512	1206641-11	Soil	6/15/2012	6/20/2012 – 6/26/2012
CD-B03-S01-061512	1206641-12	Soil	6/15/2012	6/20/2012 – 6/26/2012
CD-B04-S01-061512	1206641-13	Soil	6/15/2012	6/20/2012 – 6/26/2012

2. Holding Times

The holding time of 30 days for hexavalent chromium analysis of solid samples was met.

The pH and flashpoint analyses state that the analyses should be performed as soon as possible with no specific holding time limit. The pH analyses were performed approximately 5 days after sample collection and the flashpoint analyses were performed approximately 11 days after collection.

3. Method Blanks

A method blank was analyzed with the hexavalent chromium analyses and was free of target analyte contamination above the reporting limit..

4. LCS Results

The percent recoveries were within QC limits for the LCSs analyzed.

5. MS and MSD Results

For hexavalent chromium, one site-specific MS and MSD were analyzed using sample WP-B06-S01-061512 as the spiked sample. The MS/MSD recoveries and RPD were within QC limits.

6. Laboratory Duplicate Results

Laboratory duplicates were analyzed with the pH and flashpoint analyses. The RPDs were within QC limits.

7. Field Duplicate Results

There is one field duplicate associated with this work order: WP-B05-S01-061512-DP. There was good correlation between the field duplicate and parent sample.

8. Overall Assessment

The hexavalent chromium, flashpoint, and pH data are acceptable for use based on the information received.

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1206641

ATTACHMENT

ALS ENVIRONMENTAL
RESULTS SUMMARY WITH QUALIFIERS

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B01-S01-061512
Lab ID: 1206641-10
Collection Date: 06/15/12 02:50 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **06/21/12**	Analyst: **JD**
2,4,5-T	ND		0.0056	mg/Kg-dry	1	06/22/12 10:47 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	06/22/12 10:47 PM
2,4-D	ND		0.0056	mg/Kg-dry	1	06/22/12 10:47 PM
Surr: DCAA	*113*		*30-150*	*%REC*	1	06/22/12 10:47 PM
PCBS			**SW8082**		Prep Date: **06/21/12**	Analyst: **JD**
Aroclor 1016	ND		0.045	mg/Kg-dry	1	06/25/12 07:44 PM
Aroclor 1221	ND		0.045	mg/Kg-dry	1	06/25/12 07:44 PM
Aroclor 1232	ND		0.045	mg/Kg-dry	1	06/25/12 07:44 PM
Aroclor 1242	ND		0.045	mg/Kg-dry	1	06/25/12 07:44 PM
Aroclor 1248	ND		0.045	mg/Kg-dry	1	06/25/12 07:44 PM
Aroclor 1254	**2.0**		**0.045**	**mg/Kg-dry**	1	06/25/12 07:44 PM
Aroclor 1260	ND		0.045	mg/Kg-dry	1	06/25/12 07:44 PM
Surr: Decachlorobiphenyl	*77.1*		*40-140*	*%REC*	1	06/25/12 07:44 PM
PESTICIDES			**SW8081**		Prep Date: **06/21/12**	Analyst: **JD**
4,4'-DDD	ND		0.11	mg/Kg-dry	10	06/26/12 04:37 AM
4,4'-DDE	ND		0.11	mg/Kg-dry	10	06/26/12 04:37 AM
4,4'-DDT	ND		0.11	mg/Kg-dry	10	06/26/12 04:37 AM
Aldrin	ND		0.11	mg/Kg-dry	10	06/26/12 04:37 AM
alpha-BHC	ND		0.11	mg/Kg-dry	10	06/26/12 04:37 AM
alpha-Chlordane	ND		0.11	mg/Kg-dry	10	06/26/12 04:37 AM
beta-BHC	ND		0.11	mg/Kg-dry	10	06/26/12 04:37 AM
Chlordane, Technical	ND		0.28	mg/Kg-dry	10	06/26/12 04:37 AM
delta-BHC	ND		0.11	mg/Kg-dry	10	06/26/12 04:37 AM
Dieldrin	ND		0.11	mg/Kg-dry	10	06/26/12 04:37 AM
Endosulfan I	ND		0.11	mg/Kg-dry	10	06/26/12 04:37 AM
Endosulfan II	ND		0.11	mg/Kg-dry	10	06/26/12 04:37 AM
Endosulfan sulfate	ND		0.11	mg/Kg-dry	10	06/26/12 04:37 AM
Endrin	ND		0.11	mg/Kg-dry	10	06/26/12 04:37 AM
Endrin aldehyde	ND		0.11	mg/Kg-dry	10	06/26/12 04:37 AM
Endrin ketone	ND		0.11	mg/Kg-dry	10	06/26/12 04:37 AM
gamma-BHC (Lindane)	ND		0.11	mg/Kg-dry	10	06/26/12 04:37 AM
gamma-Chlordane	ND		0.11	mg/Kg-dry	10	06/26/12 04:37 AM
Heptachlor	ND		0.11	mg/Kg-dry	10	06/26/12 04:37 AM
Heptachlor epoxide	ND		0.11	mg/Kg-dry	10	06/26/12 04:37 AM
Methoxychlor	ND		0.11	mg/Kg-dry	10	06/26/12 04:37 AM
Toxaphene	ND		0.67	mg/Kg-dry	10	06/26/12 04:37 AM
Surr: Decachlorobiphenyl	*110*		*45-135*	*%REC*	10	06/26/12 04:37 AM
Surr: Tetrachloro-m-xylene	*80.1*		*45-124*	*%REC*	10	06/26/12 04:37 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B01-S01-061512
Lab ID: 1206641-10
Collection Date: 06/15/12 02:50 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **06/22/12**	Analyst: **LR**
Mercury	**0.079**		**0.021**	**mg/Kg-dry**	1	06/25/12 03:54 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **06/22/12**	Analyst: **ML**
Aluminum	**3,200**		**1.5**	**mg/Kg-dry**	2	06/25/12 09:31 PM
Antimony	**2.3**		**0.77**	**mg/Kg-dry**	2	06/25/12 09:31 PM
Arsenic	**2.1**		**0.77**	**mg/Kg-dry**	2	06/25/12 09:31 PM
Barium	**170**		**0.77**	**mg/Kg-dry**	2	06/25/12 09:31 PM
Beryllium	ND		0.31	mg/Kg-dry	2	06/25/12 09:31 PM
Boron	**3.7**		**3.1**	**mg/Kg-dry**	2	06/25/12 09:31 PM
Cadmium	**1.4**		**0.31**	**mg/Kg-dry**	2	06/25/12 09:31 PM
Calcium	**56,000**		**770**	**mg/Kg-dry**	20	06/25/12 09:00 PM
Chromium	**46**		**0.77**	**mg/Kg-dry**	2	06/25/12 09:31 PM
Cobalt	**3.6**		**0.77**	**mg/Kg-dry**	2	06/25/12 09:31 PM
Copper	**9.8**		**0.77**	**mg/Kg-dry**	2	06/25/12 09:31 PM
Iron	**8,200**		**12**	**mg/Kg-dry**	2	06/25/12 09:31 PM
Lead	**260**		**0.77**	**mg/Kg-dry**	2	06/25/12 09:31 PM
Magnesium	**26,000**		**31**	**mg/Kg-dry**	2	06/25/12 09:31 PM
Manganese	**110**		**0.77**	**mg/Kg-dry**	2	06/25/12 09:31 PM
Nickel	**6.3**		**0.77**	**mg/Kg-dry**	2	06/25/12 09:31 PM
Potassium	**410**		**31**	**mg/Kg-dry**	2	06/25/12 09:31 PM
Selenium	ND		0.77	mg/Kg-dry	2	06/25/12 09:31 PM
Silver	ND		0.77	mg/Kg-dry	2	06/25/12 09:31 PM
Sodium	**56**		**31**	**mg/Kg-dry**	2	06/25/12 09:31 PM
Thallium	ND		0.77	mg/Kg-dry	2	06/25/12 09:31 PM
Vanadium	**6.9**		**0.77**	**mg/Kg-dry**	2	06/25/12 09:31 PM
Zinc	**4,700**		**31**	**mg/Kg-dry**	40	06/26/12 05:58 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **06/21/12**	Analyst: **HL**
1,1`-Biphenyl	ND		3.7	mg/Kg-dry	10	06/23/12 02:27 AM
2,4,5-Trichlorophenol	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
2,4,6-Trichlorophenol	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
2,4-Dichlorophenol	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
2,4-Dimethylphenol	ND		3.7	mg/Kg-dry	10	06/23/12 02:27 AM
2,4-Dinitrophenol	ND		7.4	mg/Kg-dry	10	06/23/12 02:27 AM
2,4-Dinitrotoluene	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
2,6-Dinitrotoluene	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
2-Chloronaphthalene	ND		0.89	mg/Kg-dry	10	06/23/12 02:27 AM
2-Chlorophenol	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
2-Methylnaphthalene	ND		0.89	mg/Kg-dry	10	06/23/12 02:27 AM
2-Methylphenol	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B01-S01-061512
Lab ID: 1206641-10
Collection Date: 06/15/12 02:50 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		7.4	mg/Kg-dry	10	06/23/12 02:27 AM
2-Nitrophenol	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
3,3'-Dichlorobenzidine	ND		7.4	mg/Kg-dry	10	06/23/12 02:27 AM
3-Nitroaniline	ND		7.4	mg/Kg-dry	10	06/23/12 02:27 AM
4,6-Dinitro-2-methylphenol	ND		3.7	mg/Kg-dry	10	06/23/12 02:27 AM
4-Bromophenyl phenyl ether	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
4-Chloro-3-methylphenol	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
4-Chloroaniline	ND		7.4	mg/Kg-dry	10	06/23/12 02:27 AM
4-Chlorophenyl phenyl ether	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
4-Methylphenol	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
4-Nitroaniline	ND		7.4	mg/Kg-dry	10	06/23/12 02:27 AM
4-Nitrophenol	ND		7.4	mg/Kg-dry	10	06/23/12 02:27 AM
Acenaphthene	ND		0.34	mg/Kg-dry	10	06/23/12 02:27 AM
Acenaphthylene	ND		0.34	mg/Kg-dry	10	06/23/12 02:27 AM
Acetophenone	ND		3.7	mg/Kg-dry	10	06/23/12 02:27 AM
Anthracene	ND		0.34	mg/Kg-dry	10	06/23/12 02:27 AM
Atrazine	ND		3.7	mg/Kg-dry	10	06/23/12 02:27 AM
Benzaldehyde	ND		3.7	mg/Kg-dry	10	06/23/12 02:27 AM
Benzo(a)anthracene	**0.47**		**0.34**	**mg/Kg-dry**	10	06/23/12 02:27 AM
Benzo(a)pyrene	**0.47**		**0.34**	**mg/Kg-dry**	10	06/23/12 02:27 AM
Benzo(b)fluoranthene	**0.66**		**0.34**	**mg/Kg-dry**	10	06/23/12 02:27 AM
Benzo(g,h,i)perylene	**0.43**		**0.34**	**mg/Kg-dry**	10	06/23/12 02:27 AM
Benzo(k)fluoranthene	ND		0.34	mg/Kg-dry	10	06/23/12 02:27 AM
Bis(2-chloroethoxy)methane	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
Bis(2-chloroethyl)ether	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
Bis(2-chloroisopropyl)ether	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
Bis(2-ethylhexyl)phthalate	ND		3.7	mg/Kg-dry	10	06/23/12 02:27 AM
Butyl benzyl phthalate	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
Caprolactam	ND		3.7	mg/Kg-dry	10	06/23/12 02:27 AM
Carbazole	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
Chrysene	**0.50**		**0.34**	**mg/Kg-dry**	10	06/23/12 02:27 AM
Dibenzo(a,h)anthracene	ND		0.34	mg/Kg-dry	10	06/23/12 02:27 AM
Dibenzofuran	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
Diethyl phthalate	ND		3.7	mg/Kg-dry	10	06/23/12 02:27 AM
Dimethyl phthalate	ND		3.7	mg/Kg-dry	10	06/23/12 02:27 AM
Di-n-butyl phthalate	ND		3.7	mg/Kg-dry	10	06/23/12 02:27 AM
Di-n-octyl phthalate	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
Fluoranthene	**1.1**		**0.34**	**mg/Kg-dry**	10	06/23/12 02:27 AM
Fluorene	ND		0.34	mg/Kg-dry	10	06/23/12 02:27 AM
Hexachlorobenzene	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B01-S01-061512
Lab ID: 1206641-10
Collection Date: 06/15/12 02:50 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
Hexachlorocyclopentadiene	ND		3.7	mg/Kg-dry	10	06/23/12 02:27 AM
Hexachloroethane	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
Indeno(1,2,3-cd)pyrene	**0.36**		**0.34**	**mg/Kg-dry**	10	06/23/12 02:27 AM
Isophorone	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
Naphthalene	**0.53**		**0.34**	**mg/Kg-dry**	10	06/23/12 02:27 AM
Nitrobenzene	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
N-Nitrosodi-n-propylamine	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
N-Nitrosodiphenylamine	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
Pentachlorophenol	ND		3.7	mg/Kg-dry	10	06/23/12 02:27 AM
Phenanthrene	**0.72**		**0.34**	**mg/Kg-dry**	10	06/23/12 02:27 AM
Phenol	ND		1.8	mg/Kg-dry	10	06/23/12 02:27 AM
Pyrene	**1.0**		**0.34**	**mg/Kg-dry**	10	06/23/12 02:27 AM
Surr: 2,4,6-Tribromophenol	*90.0*		*34-140*	*%REC*	10	06/23/12 02:27 AM
Surr: 2-Fluorobiphenyl	*68.8*		*12-100*	*%REC*	10	06/23/12 02:27 AM
Surr: 2-Fluorophenol	*74.6*		*33-117*	*%REC*	10	06/23/12 02:27 AM
Surr: 4-Terphenyl-d14	*78.6*		*25-137*	*%REC*	10	06/23/12 02:27 AM
Surr: Nitrobenzene-d5	*62.8*		*37-107*	*%REC*	10	06/23/12 02:27 AM
Surr: Phenol-d6	*62.8*		*40-106*	*%REC*	10	06/23/12 02:27 AM
VOLATILE ORGANIC COMPOUNDS			**SW8260**		Prep Date: **06/20/12**	Analyst: **BG**
1,1,1-Trichloroethane	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
1,1,2,2-Tetrachloroethane	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
1,1,2-Trichloroethane	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
1,1,2-Trichlorotrifluoroethane	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
1,1-Dichloroethane	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
1,1-Dichloroethene	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
1,2,4-Trichlorobenzene	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
1,2-Dibromo-3-chloropropane	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
1,2-Dibromoethane	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
1,2-Dichlorobenzene	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
1,2-Dichloroethane	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
1,2-Dichloropropane	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
1,3-Dichlorobenzene	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
1,4-Dichlorobenzene	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
2-Butanone	ND		23	mg/Kg-dry	100	06/26/12 07:27 AM
2-Hexanone	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
4-Methyl-2-pentanone	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
Acetone	ND		11	mg/Kg-dry	100	06/26/12 07:27 AM
Benzene	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
Bromodichloromethane	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B01-S01-061512
Lab ID: 1206641-10
Collection Date: 06/15/12 02:50 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
Bromomethane	ND		8.5	mg/Kg-dry	100	06/26/12 07:27 AM
Carbon disulfide	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
Carbon tetrachloride	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
Chlorobenzene	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
Chloroethane	ND		11	mg/Kg-dry	100	06/26/12 07:27 AM
Chloroform	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
Chloromethane	ND		11	mg/Kg-dry	100	06/26/12 07:27 AM
cis-1,2-Dichloroethene	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
cis-1,3-Dichloropropene	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
Cyclohexane	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
Dibromochloromethane	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
Dichlorodifluoromethane	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
Ethylbenzene	**360**		**3.4**	**mg/Kg-dry**	100	06/26/12 07:27 AM
Isopropylbenzene	**9.5**		**3.4**	**mg/Kg-dry**	100	06/26/12 07:27 AM
Methyl acetate	ND		23	mg/Kg-dry	100	06/26/12 07:27 AM
Methyl tert-butyl ether	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
Methylcyclohexane	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
Methylene chloride	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
Styrene	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
Tetrachloroethene	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
Toluene	**25**		**3.4**	**mg/Kg-dry**	100	06/26/12 07:27 AM
trans-1,2-Dichloroethene	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
trans-1,3-Dichloropropene	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
Trichloroethene	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
Trichlorofluoromethane	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
Vinyl chloride	ND		3.4	mg/Kg-dry	100	06/26/12 07:27 AM
Xylenes, Total	**3,300**		**41**	**mg/Kg-dry**	400	06/26/12 01:55 PM
Surr: 1,2-Dichloroethane-d4	*103*		*70-130*	*%REC*	100	06/26/12 07:27 AM
Surr: 1,2-Dichloroethane-d4	*97.2*		*70-130*	*%REC*	400	06/26/12 01:55 PM
Surr: 4-Bromofluorobenzene	*101*		*70-130*	*%REC*	400	06/26/12 01:55 PM
Surr: 4-Bromofluorobenzene	*102*		*70-130*	*%REC*	100	06/26/12 07:27 AM
Surr: Dibromofluoromethane	*95.1*		*70-130*	*%REC*	100	06/26/12 07:27 AM
Surr: Dibromofluoromethane	*95.4*		*70-130*	*%REC*	400	06/26/12 01:55 PM
Surr: Toluene-d8	*99.8*		*70-130*	*%REC*	400	06/26/12 01:55 PM
Surr: Toluene-d8	*101*		*70-130*	*%REC*	100	06/26/12 07:27 AM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **06/25/12**	Analyst: **MB**
Chromium, Hexavalent	**45**		**2.8**	**mg/Kg-dry**	5	06/26/12 01:15 PM
FLASHPOINT, OPEN-CUP			**D92**			Analyst: **NZ**

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B01-S01-061512
Lab ID: 1206641-10
Collection Date: 06/15/12 02:50 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Flashpoint, Open-cup	>200			°F	1	06/26/12 09:00 AM
MOISTURE			A2540 G			Analyst: CG
Moisture	12		0.050	% of sample	1	06/20/12 03:15 PM
PH			SW9045D			Analyst: JJG
pH	8.15			s.u.	1	06/20/12 07:05 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206641
Sample ID: CD-B02-S01-061512 **Lab ID:** 1206641-11
Collection Date: 06/15/12 02:35 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **06/21/12**	Analyst: **JD**
2,4,5-T	ND		0.0055	mg/Kg-dry	1	06/22/12 10:55 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	06/22/12 10:55 PM
2,4-D	ND		0.0055	mg/Kg-dry	1	06/22/12 10:55 PM
Surr: DCAA	*111*		*30-150*	*%REC*	1	06/22/12 10:55 PM
PCBS			**SW8082**		Prep Date: **06/21/12**	Analyst: **JD**
Aroclor 1016	ND		0.043	mg/Kg-dry	1	06/25/12 08:04 PM
Aroclor 1221	ND		0.043	mg/Kg-dry	1	06/25/12 08:04 PM
Aroclor 1232	ND		0.043	mg/Kg-dry	1	06/25/12 08:04 PM
Aroclor 1242	ND		0.043	mg/Kg-dry	1	06/25/12 08:04 PM
Aroclor 1248	ND		0.043	mg/Kg-dry	1	06/25/12 08:04 PM
Aroclor 1254	**0.40**		**0.043**	**mg/Kg-dry**	1	06/25/12 08:04 PM
Aroclor 1260	ND		0.043	mg/Kg-dry	1	06/25/12 08:04 PM
Surr: Decachlorobiphenyl	*84.1*		*40-140*	*%REC*	1	06/25/12 08:04 PM
PESTICIDES			**SW8081**		Prep Date: **06/21/12**	Analyst: **JD**
4,4'-DDD	ND		0.011	mg/Kg-dry	1	06/26/12 04:52 AM
4,4'-DDE	ND		0.011	mg/Kg-dry	1	06/26/12 04:52 AM
4,4'-DDT	ND		0.011	mg/Kg-dry	1	06/26/12 04:52 AM
Aldrin	ND		0.011	mg/Kg-dry	1	06/26/12 04:52 AM
alpha-BHC	ND		0.011	mg/Kg-dry	1	06/26/12 04:52 AM
alpha-Chlordane	ND		0.011	mg/Kg-dry	1	06/26/12 04:52 AM
beta-BHC	ND		0.011	mg/Kg-dry	1	06/26/12 04:52 AM
Chlordane, Technical	ND		0.027	mg/Kg-dry	1	06/26/12 04:52 AM
delta-BHC	ND		0.011	mg/Kg-dry	1	06/26/12 04:52 AM
Dieldrin	ND		0.011	mg/Kg-dry	1	06/26/12 04:52 AM
Endosulfan I	ND		0.011	mg/Kg-dry	1	06/26/12 04:52 AM
Endosulfan II	ND		0.011	mg/Kg-dry	1	06/26/12 04:52 AM
Endosulfan sulfate	ND		0.011	mg/Kg-dry	1	06/26/12 04:52 AM
Endrin	ND		0.011	mg/Kg-dry	1	06/26/12 04:52 AM
Endrin aldehyde	ND		0.011	mg/Kg-dry	1	06/26/12 04:52 AM
Endrin ketone	ND		0.011	mg/Kg-dry	1	06/26/12 04:52 AM
gamma-BHC (Lindane)	ND		0.011	mg/Kg-dry	1	06/26/12 04:52 AM
gamma-Chlordane	ND		0.011	mg/Kg-dry	1	06/26/12 04:52 AM
Heptachlor	ND		0.011	mg/Kg-dry	1	06/26/12 04:52 AM
Heptachlor epoxide	ND		0.011	mg/Kg-dry	1	06/26/12 04:52 AM
Methoxychlor	ND		0.011	mg/Kg-dry	1	06/26/12 04:52 AM
Toxaphene	ND		0.065	mg/Kg-dry	1	06/26/12 04:52 AM
Surr: Decachlorobiphenyl	*101*		*45-135*	*%REC*	1	06/26/12 04:52 AM
Surr: Tetrachloro-m-xylene	*73.1*		*45-124*	*%REC*	1	06/26/12 04:52 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B02-S01-061512
Lab ID: 1206641-11
Collection Date: 06/15/12 02:35 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **06/22/12**	Analyst: **LR**
Mercury	ND		0.021	mg/Kg-dry	1	06/25/12 03:56 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **06/22/12**	Analyst: **ML**
Aluminum	**5,600**		**1.6**	**mg/Kg-dry**	2	06/25/12 09:37 PM
Antimony	ND		0.81	mg/Kg-dry	2	06/25/12 09:37 PM
Arsenic	**13**		**0.81**	**mg/Kg-dry**	2	06/25/12 09:37 PM
Barium	**30**		**0.81**	**mg/Kg-dry**	2	06/25/12 09:37 PM
Beryllium	ND		0.33	mg/Kg-dry	2	06/25/12 09:37 PM
Boron	**6.0**		**3.3**	**mg/Kg-dry**	2	06/25/12 09:37 PM
Cadmium	ND		0.33	mg/Kg-dry	2	06/25/12 09:37 PM
Calcium	**35,000**		**160**	**mg/Kg-dry**	4	06/25/12 09:19 PM
Chromium	**8.8**		**0.81**	**mg/Kg-dry**	2	06/25/12 09:37 PM
Cobalt	**8.0**		**0.81**	**mg/Kg-dry**	2	06/25/12 09:37 PM
Copper	**19**		**0.81**	**mg/Kg-dry**	2	06/25/12 09:37 PM
Iron	**22,000**		**13**	**mg/Kg-dry**	2	06/25/12 09:37 PM
Lead	**12**		**0.81**	**mg/Kg-dry**	2	06/25/12 09:37 PM
Magnesium	**10,000**		**33**	**mg/Kg-dry**	2	06/25/12 09:37 PM
Manganese	**340**		**1.6**	**mg/Kg-dry**	4	06/25/12 09:19 PM
Nickel	**19**		**0.81**	**mg/Kg-dry**	2	06/25/12 09:37 PM
Potassium	**1,300**		**33**	**mg/Kg-dry**	2	06/25/12 09:37 PM
Selenium	**0.89**		**0.81**	**mg/Kg-dry**	2	06/25/12 09:37 PM
Silver	ND		0.81	mg/Kg-dry	2	06/25/12 09:37 PM
Sodium	**100**		**33**	**mg/Kg-dry**	2	06/25/12 09:37 PM
Thallium	ND		0.81	mg/Kg-dry	2	06/25/12 09:37 PM
Vanadium	**13**		**0.81**	**mg/Kg-dry**	2	06/25/12 09:37 PM
Zinc	**64**		**1.6**	**mg/Kg-dry**	2	06/25/12 09:37 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **06/21/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.37	mg/Kg-dry	1	06/26/12 04:17 AM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
2,4-Dimethylphenol	ND		0.37	mg/Kg-dry	1	06/26/12 04:17 AM
2,4-Dinitrophenol	ND		0.74	mg/Kg-dry	1	06/26/12 04:17 AM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
2-Chloronaphthalene	ND		0.090	mg/Kg-dry	1	06/26/12 04:17 AM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
2-Methylnaphthalene	ND		0.090	mg/Kg-dry	1	06/26/12 04:17 AM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B02-S01-061512
Lab ID: 1206641-11
Collection Date: 06/15/12 02:35 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.74	mg/Kg-dry	1	06/26/12 04:17 AM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
3,3´-Dichlorobenzidine	ND		0.74	mg/Kg-dry	1	06/26/12 04:17 AM
3-Nitroaniline	ND		0.74	mg/Kg-dry	1	06/26/12 04:17 AM
4,6-Dinitro-2-methylphenol	ND		0.37	mg/Kg-dry	1	06/26/12 04:17 AM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
4-Chloroaniline	ND		0.74	mg/Kg-dry	1	06/26/12 04:17 AM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
4-Nitroaniline	ND		0.74	mg/Kg-dry	1	06/26/12 04:17 AM
4-Nitrophenol	ND		0.74	mg/Kg-dry	1	06/26/12 04:17 AM
Acenaphthene	ND		0.034	mg/Kg-dry	1	06/26/12 04:17 AM
Acenaphthylene	ND		0.034	mg/Kg-dry	1	06/26/12 04:17 AM
Acetophenone	ND		0.37	mg/Kg-dry	1	06/26/12 04:17 AM
Anthracene	ND		0.034	mg/Kg-dry	1	06/26/12 04:17 AM
Atrazine	ND		0.37	mg/Kg-dry	1	06/26/12 04:17 AM
Benzaldehyde	ND		0.37	mg/Kg-dry	1	06/26/12 04:17 AM
Benzo(a)anthracene	ND		0.034	mg/Kg-dry	1	06/26/12 04:17 AM
Benzo(a)pyrene	ND		0.034	mg/Kg-dry	1	06/26/12 04:17 AM
Benzo(b)fluoranthene	ND		0.034	mg/Kg-dry	1	06/26/12 04:17 AM
Benzo(g,h,i)perylene	ND		0.034	mg/Kg-dry	1	06/26/12 04:17 AM
Benzo(k)fluoranthene	ND		0.034	mg/Kg-dry	1	06/26/12 04:17 AM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
Bis(2-ethylhexyl)phthalate	ND		0.37	mg/Kg-dry	1	06/26/12 04:17 AM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
Caprolactam	ND		0.37	mg/Kg-dry	1	06/26/12 04:17 AM
Carbazole	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
Chrysene	**0.035**		**0.034**	**mg/Kg-dry**	1	06/26/12 04:17 AM
Dibenzo(a,h)anthracene	ND		0.034	mg/Kg-dry	1	06/26/12 04:17 AM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
Diethyl phthalate	ND		0.37	mg/Kg-dry	1	06/26/12 04:17 AM
Dimethyl phthalate	ND		0.37	mg/Kg-dry	1	06/26/12 04:17 AM
Di-n-butyl phthalate	ND		0.37	mg/Kg-dry	1	06/26/12 04:17 AM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
Fluoranthene	ND		0.034	mg/Kg-dry	1	06/26/12 04:17 AM
Fluorene	ND		0.034	mg/Kg-dry	1	06/26/12 04:17 AM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B02-S01-061512
Lab ID: 1206641-11
Collection Date: 06/15/12 02:35 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
Hexachlorocyclopentadiene	ND		0.37	mg/Kg-dry	1	06/26/12 04:17 AM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
Indeno(1,2,3-cd)pyrene	ND		0.034	mg/Kg-dry	1	06/26/12 04:17 AM
Isophorone	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
Naphthalene	ND		0.034	mg/Kg-dry	1	06/26/12 04:17 AM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
Pentachlorophenol	ND		0.37	mg/Kg-dry	1	06/26/12 04:17 AM
Phenanthrene	**0.039**		**0.034**	**mg/Kg-dry**	1	06/26/12 04:17 AM
Phenol	ND		0.18	mg/Kg-dry	1	06/26/12 04:17 AM
Pyrene	ND		0.034	mg/Kg-dry	1	06/26/12 04:17 AM
Surr: 2,4,6-Tribromophenol	*83.2*		*34-140*	*%REC*	1	06/26/12 04:17 AM
Surr: 2-Fluorobiphenyl	*65.2*		*12-100*	*%REC*	1	06/26/12 04:17 AM
Surr: 2-Fluorophenol	*75.1*		*33-117*	*%REC*	1	06/26/12 04:17 AM
Surr: 4-Terphenyl-d14	*88.4*		*25-137*	*%REC*	1	06/26/12 04:17 AM
Surr: Nitrobenzene-d5	*68.7*		*37-107*	*%REC*	1	06/26/12 04:17 AM
Surr: Phenol-d6	*75.6*		*40-106*	*%REC*	1	06/26/12 04:17 AM
VOLATILE ORGANIC COMPOUNDS			**SW8260**		Prep Date: **06/20/12**	Analyst: **BG**
1,1,1-Trichloroethane	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
1,1,2,2-Tetrachloroethane	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
1,1,2-Trichloroethane	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
1,1,2-Trichlorotrifluoroethane	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
1,1-Dichloroethane	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
1,1-Dichloroethene	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
1,2,4-Trichlorobenzene	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
1,2-Dibromo-3-chloropropane	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
1,2-Dibromoethane	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
1,2-Dichlorobenzene	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
1,2-Dichloroethane	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
1,2-Dichloropropane	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
1,3-Dichlorobenzene	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
1,4-Dichlorobenzene	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
2-Butanone	ND		2.3	mg/Kg-dry	10	06/26/12 07:54 AM
2-Hexanone	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
4-Methyl-2-pentanone	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
Acetone	ND		1.1	mg/Kg-dry	10	06/26/12 07:54 AM
Benzene	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
Bromodichloromethane	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B02-S01-061512
Lab ID: 1206641-11
Collection Date: 06/15/12 02:35 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
Bromomethane	ND		0.85	mg/Kg-dry	10	06/26/12 07:54 AM
Carbon disulfide	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
Carbon tetrachloride	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
Chlorobenzene	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
Chloroethane	ND		1.1	mg/Kg-dry	10	06/26/12 07:54 AM
Chloroform	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
Chloromethane	ND		1.1	mg/Kg-dry	10	06/26/12 07:54 AM
cis-1,2-Dichloroethene	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
cis-1,3-Dichloropropene	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
Cyclohexane	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
Dibromochloromethane	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
Dichlorodifluoromethane	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
Ethylbenzene	**0.72**		**0.34**	**mg/Kg-dry**	10	06/26/12 07:54 AM
Isopropylbenzene	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
Methyl acetate	ND		2.3	mg/Kg-dry	10	06/26/12 07:54 AM
Methyl tert-butyl ether	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
Methylcyclohexane	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
Methylene chloride	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
Styrene	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
Tetrachloroethene	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
Toluene	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
trans-1,2-Dichloroethene	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
trans-1,3-Dichloropropene	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
Trichloroethene	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
Trichlorofluoromethane	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
Vinyl chloride	ND		0.34	mg/Kg-dry	10	06/26/12 07:54 AM
Xylenes, Total	**6.7**		**1.0**	**mg/Kg-dry**	10	06/26/12 07:54 AM
Surr: 1,2-Dichloroethane-d4	*106*		*70-130*	*%REC*	10	06/26/12 07:54 AM
Surr: 4-Bromofluorobenzene	*100*		*70-130*	*%REC*	10	06/26/12 07:54 AM
Surr: Dibromofluoromethane	*97.2*		*70-130*	*%REC*	10	06/26/12 07:54 AM
Surr: Toluene-d8	*101*		*70-130*	*%REC*	10	06/26/12 07:54 AM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **06/25/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.56	mg/Kg-dry	1	06/26/12 01:15 PM
FLASHPOINT, OPEN-CUP			**D92**			Analyst: **NZ**
Flashpoint, Open-cup	**>200**			**°F**	1	06/26/12 09:00 AM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**12**		**0.050**	**% of sample**	1	06/20/12 03:15 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B02-S01-061512
Lab ID: 1206641-11
Collection Date: 06/15/12 02:35 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			**SW9045D**			Analyst: **JJG**
pH	**8.27**			**s.u.**	1	06/20/12 07:05 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B03-S01-061512
Lab ID: 1206641-12
Collection Date: 06/15/12 02:15 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **06/21/12**	Analyst: **JD**
2,4,5-T	ND		0.0057	mg/Kg-dry	1	06/22/12 11:04 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	06/22/12 11:04 PM
2,4-D	ND		0.0057	mg/Kg-dry	1	06/22/12 11:04 PM
Surr: DCAA	*101*		*30-150*	*%REC*	1	06/22/12 11:04 PM
PCBS			**SW8082**		Prep Date: **06/21/12**	Analyst: **JD**
Aroclor 1016	ND		0.043	mg/Kg-dry	1	06/25/12 08:24 PM
Aroclor 1221	ND		0.043	mg/Kg-dry	1	06/25/12 08:24 PM
Aroclor 1232	ND		0.043	mg/Kg-dry	1	06/25/12 08:24 PM
Aroclor 1242	ND		0.043	mg/Kg-dry	1	06/25/12 08:24 PM
Aroclor 1248	ND		0.043	mg/Kg-dry	1	06/25/12 08:24 PM
Aroclor 1254	**0.18**		**0.043**	**mg/Kg-dry**	1	06/25/12 08:24 PM
Aroclor 1260	ND		0.043	mg/Kg-dry	1	06/25/12 08:24 PM
Surr: Decachlorobiphenyl	*83.1*		*40-140*	*%REC*	1	06/25/12 08:24 PM
PESTICIDES			**SW8081**		Prep Date: **06/21/12**	Analyst: **JD**
4,4'-DDD	ND		0.011	mg/Kg-dry	1	06/26/12 05:06 AM
4,4'-DDE	ND		0.011	mg/Kg-dry	1	06/26/12 05:06 AM
4,4'-DDT	ND		0.011	mg/Kg-dry	1	06/26/12 05:06 AM
Aldrin	ND		0.011	mg/Kg-dry	1	06/26/12 05:06 AM
alpha-BHC	ND		0.011	mg/Kg-dry	1	06/26/12 05:06 AM
alpha-Chlordane	ND		0.011	mg/Kg-dry	1	06/26/12 05:06 AM
beta-BHC	ND		0.011	mg/Kg-dry	1	06/26/12 05:06 AM
Chlordane, Technical	ND		0.027	mg/Kg-dry	1	06/26/12 05:06 AM
delta-BHC	ND		0.011	mg/Kg-dry	1	06/26/12 05:06 AM
Dieldrin	ND		0.011	mg/Kg-dry	1	06/26/12 05:06 AM
Endosulfan I	ND		0.011	mg/Kg-dry	1	06/26/12 05:06 AM
Endosulfan II	ND		0.011	mg/Kg-dry	1	06/26/12 05:06 AM
Endosulfan sulfate	ND		0.011	mg/Kg-dry	1	06/26/12 05:06 AM
Endrin	ND		0.011	mg/Kg-dry	1	06/26/12 05:06 AM
Endrin aldehyde	ND		0.011	mg/Kg-dry	1	06/26/12 05:06 AM
Endrin ketone	ND		0.011	mg/Kg-dry	1	06/26/12 05:06 AM
gamma-BHC (Lindane)	ND		0.011	mg/Kg-dry	1	06/26/12 05:06 AM
gamma-Chlordane	ND		0.011	mg/Kg-dry	1	06/26/12 05:06 AM
Heptachlor	ND		0.011	mg/Kg-dry	1	06/26/12 05:06 AM
Heptachlor epoxide	ND		0.011	mg/Kg-dry	1	06/26/12 05:06 AM
Methoxychlor	ND		0.011	mg/Kg-dry	1	06/26/12 05:06 AM
Toxaphene	ND		0.065	mg/Kg-dry	1	06/26/12 05:06 AM
Surr: Decachlorobiphenyl	*98.1*		*45-135*	*%REC*	1	06/26/12 05:06 AM
Surr: Tetrachloro-m-xylene	*67.1*		*45-124*	*%REC*	1	06/26/12 05:06 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B03-S01-061512
Lab ID: 1206641-12
Collection Date: 06/15/12 02:15 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **06/22/12**	Analyst: **LR**
Mercury	ND		0.018	mg/Kg-dry	1	06/25/12 03:58 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **06/22/12**	Analyst: **ML**
Aluminum	**4,700**		**1.8**	**mg/Kg-dry**	2	06/25/12 09:43 PM
Antimony	ND		0.91	mg/Kg-dry	2	06/25/12 09:43 PM
Arsenic	**11**		**0.91**	**mg/Kg-dry**	2	06/25/12 09:43 PM
Barium	**18**		**0.91**	**mg/Kg-dry**	2	06/25/12 09:43 PM
Beryllium	ND		0.36	mg/Kg-dry	2	06/25/12 09:43 PM
Boron	**5.3**		**3.6**	**mg/Kg-dry**	2	06/25/12 09:43 PM
Cadmium	ND		0.36	mg/Kg-dry	2	06/25/12 09:43 PM
Calcium	**34,000**		**180**	**mg/Kg-dry**	4	06/25/12 09:25 PM
Chromium	**7.5**		**0.91**	**mg/Kg-dry**	2	06/25/12 09:43 PM
Cobalt	**6.6**		**0.91**	**mg/Kg-dry**	2	06/25/12 09:43 PM
Copper	**20**		**0.91**	**mg/Kg-dry**	2	06/25/12 09:43 PM
Iron	**21,000**		**15**	**mg/Kg-dry**	2	06/25/12 09:43 PM
Lead	**9.9**		**0.91**	**mg/Kg-dry**	2	06/25/12 09:43 PM
Magnesium	**9,000**		**36**	**mg/Kg-dry**	2	06/25/12 09:43 PM
Manganese	**370**		**1.8**	**mg/Kg-dry**	4	06/25/12 09:25 PM
Nickel	**17**		**0.91**	**mg/Kg-dry**	2	06/25/12 09:43 PM
Potassium	**1,200**		**36**	**mg/Kg-dry**	2	06/25/12 09:43 PM
Selenium	ND		0.91	mg/Kg-dry	2	06/25/12 09:43 PM
Silver	ND		0.91	mg/Kg-dry	2	06/25/12 09:43 PM
Sodium	**97**		**36**	**mg/Kg-dry**	2	06/25/12 09:43 PM
Thallium	ND		0.91	mg/Kg-dry	2	06/25/12 09:43 PM
Vanadium	**11**		**0.91**	**mg/Kg-dry**	2	06/25/12 09:43 PM
Zinc	**70**		**1.8**	**mg/Kg-dry**	2	06/25/12 09:43 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **06/21/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.37	mg/Kg-dry	1	06/26/12 04:46 AM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
2,4-Dimethylphenol	ND		0.37	mg/Kg-dry	1	06/26/12 04:46 AM
2,4-Dinitrophenol	ND		0.75	mg/Kg-dry	1	06/26/12 04:46 AM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
2-Chloronaphthalene	ND		0.091	mg/Kg-dry	1	06/26/12 04:46 AM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
2-Methylnaphthalene	ND		0.091	mg/Kg-dry	1	06/26/12 04:46 AM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B03-S01-061512
Lab ID: 1206641-12
Collection Date: 06/15/12 02:15 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.75	mg/Kg-dry	1	06/26/12 04:46 AM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
3,3'-Dichlorobenzidine	ND		0.75	mg/Kg-dry	1	06/26/12 04:46 AM
3-Nitroaniline	ND		0.75	mg/Kg-dry	1	06/26/12 04:46 AM
4,6-Dinitro-2-methylphenol	ND		0.37	mg/Kg-dry	1	06/26/12 04:46 AM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
4-Chloroaniline	ND		0.75	mg/Kg-dry	1	06/26/12 04:46 AM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
4-Nitroaniline	ND		0.75	mg/Kg-dry	1	06/26/12 04:46 AM
4-Nitrophenol	ND		0.75	mg/Kg-dry	1	06/26/12 04:46 AM
Acenaphthene	ND		0.034	mg/Kg-dry	1	06/26/12 04:46 AM
Acenaphthylene	ND		0.034	mg/Kg-dry	1	06/26/12 04:46 AM
Acetophenone	ND		0.37	mg/Kg-dry	1	06/26/12 04:46 AM
Anthracene	ND		0.034	mg/Kg-dry	1	06/26/12 04:46 AM
Atrazine	ND		0.37	mg/Kg-dry	1	06/26/12 04:46 AM
Benzaldehyde	ND		0.37	mg/Kg-dry	1	06/26/12 04:46 AM
Benzo(a)anthracene	ND		0.034	mg/Kg-dry	1	06/26/12 04:46 AM
Benzo(a)pyrene	ND		0.034	mg/Kg-dry	1	06/26/12 04:46 AM
Benzo(b)fluoranthene	ND		0.034	mg/Kg-dry	1	06/26/12 04:46 AM
Benzo(g,h,i)perylene	ND		0.034	mg/Kg-dry	1	06/26/12 04:46 AM
Benzo(k)fluoranthene	ND		0.034	mg/Kg-dry	1	06/26/12 04:46 AM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
Bis(2-ethylhexyl)phthalate	ND		0.37	mg/Kg-dry	1	06/26/12 04:46 AM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
Caprolactam	ND		0.37	mg/Kg-dry	1	06/26/12 04:46 AM
Carbazole	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
Chrysene	ND		0.034	mg/Kg-dry	1	06/26/12 04:46 AM
Dibenzo(a,h)anthracene	ND		0.034	mg/Kg-dry	1	06/26/12 04:46 AM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
Diethyl phthalate	ND		0.37	mg/Kg-dry	1	06/26/12 04:46 AM
Dimethyl phthalate	ND		0.37	mg/Kg-dry	1	06/26/12 04:46 AM
Di-n-butyl phthalate	ND		0.37	mg/Kg-dry	1	06/26/12 04:46 AM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
Fluoranthene	ND		0.034	mg/Kg-dry	1	06/26/12 04:46 AM
Fluorene	ND		0.034	mg/Kg-dry	1	06/26/12 04:46 AM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B03-S01-061512
Lab ID: 1206641-12
Collection Date: 06/15/12 02:15 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
Hexachlorocyclopentadiene	ND		0.37	mg/Kg-dry	1	06/26/12 04:46 AM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
Indeno(1,2,3-cd)pyrene	ND		0.034	mg/Kg-dry	1	06/26/12 04:46 AM
Isophorone	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
Naphthalene	ND		0.034	mg/Kg-dry	1	06/26/12 04:46 AM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
Pentachlorophenol	ND		0.37	mg/Kg-dry	1	06/26/12 04:46 AM
Phenanthrene	ND		0.034	mg/Kg-dry	1	06/26/12 04:46 AM
Phenol	ND		0.18	mg/Kg-dry	1	06/26/12 04:46 AM
Pyrene	ND		0.034	mg/Kg-dry	1	06/26/12 04:46 AM
Surr: 2,4,6-Tribromophenol	*80.8*		*34-140*	*%REC*	1	06/26/12 04:46 AM
Surr: 2-Fluorobiphenyl	*65.3*		*12-100*	*%REC*	1	06/26/12 04:46 AM
Surr: 2-Fluorophenol	*75.6*		*33-117*	*%REC*	1	06/26/12 04:46 AM
Surr: 4-Terphenyl-d14	*86.8*		*25-137*	*%REC*	1	06/26/12 04:46 AM
Surr: Nitrobenzene-d5	*68.1*		*37-107*	*%REC*	1	06/26/12 04:46 AM
Surr: Phenol-d6	*76.7*		*40-106*	*%REC*	1	06/26/12 04:46 AM
VOLATILE ORGANIC COMPOUNDS			**SW8260**		Prep Date: **06/20/12**	Analyst: **BG**
1,1,1-Trichloroethane	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
1,1,2,2-Tetrachloroethane	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
1,1,2-Trichloroethane	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
1,1,2-Trichlorotrifluoroethane	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
1,1-Dichloroethane	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
1,1-Dichloroethene	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
1,2,4-Trichlorobenzene	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
1,2-Dibromo-3-chloropropane	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
1,2-Dibromoethane	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
1,2-Dichlorobenzene	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
1,2-Dichloroethane	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
1,2-Dichloropropane	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
1,3-Dichlorobenzene	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
1,4-Dichlorobenzene	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
2-Butanone	ND		0.23	mg/Kg-dry	1	06/26/12 08:20 AM
2-Hexanone	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
4-Methyl-2-pentanone	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
Acetone	ND		0.12	mg/Kg-dry	1	06/26/12 08:20 AM
Benzene	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
Bromodichloromethane	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B03-S01-061512
Lab ID: 1206641-12
Collection Date: 06/15/12 02:15 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
Bromomethane	ND		0.086	mg/Kg-dry	1	06/26/12 08:20 AM
Carbon disulfide	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
Carbon tetrachloride	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
Chlorobenzene	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
Chloroethane	ND		0.12	mg/Kg-dry	1	06/26/12 08:20 AM
Chloroform	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
Chloromethane	ND		0.12	mg/Kg-dry	1	06/26/12 08:20 AM
cis-1,2-Dichloroethene	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
cis-1,3-Dichloropropene	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
Cyclohexane	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
Dibromochloromethane	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
Dichlorodifluoromethane	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
Ethylbenzene	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
Isopropylbenzene	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
Methyl acetate	ND		0.23	mg/Kg-dry	1	06/26/12 08:20 AM
Methyl tert-butyl ether	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
Methylcyclohexane	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
Methylene chloride	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
Styrene	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
Tetrachloroethene	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
Toluene	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
trans-1,2-Dichloroethene	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
trans-1,3-Dichloropropene	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
Trichloroethene	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
Trichlorofluoromethane	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
Vinyl chloride	ND		0.035	mg/Kg-dry	1	06/26/12 08:20 AM
Xylenes, Total	ND		0.10	mg/Kg-dry	1	06/26/12 08:20 AM
Surr: 1,2-Dichloroethane-d4	*103*		*70-130*	*%REC*	1	06/26/12 08:20 AM
Surr: 4-Bromofluorobenzene	*100*		*70-130*	*%REC*	1	06/26/12 08:20 AM
Surr: Dibromofluoromethane	*93.4*		*70-130*	*%REC*	1	06/26/12 08:20 AM
Surr: Toluene-d8	*99.0*		*70-130*	*%REC*	1	06/26/12 08:20 AM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **06/25/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.57	mg/Kg-dry	1	06/26/12 01:15 PM
FLASHPOINT, OPEN-CUP			**D92**			Analyst: **NZ**
Flashpoint, Open-cup	**>200**			**°F**	1	06/26/12 09:00 AM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**13**		**0.050**	**% of sample**	1	06/20/12 03:15 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B03-S01-061512
Lab ID: 1206641-12
Collection Date: 06/15/12 02:15 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			**SW9045D**			Analyst: **JJG**
pH	**8.64**			**s.u.**	1	06/20/12 07:05 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206641
Sample ID: CD-B04-S01-061512 **Lab ID:** 1206641-13
Collection Date: 06/15/12 03:32 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **06/21/12**	Analyst: **JD**
2,4,5-T	ND		0.0066	mg/Kg-dry	1	06/22/12 11:13 PM
2,4,5-TP (Silvex)	ND		0.013	mg/Kg-dry	1	06/22/12 11:13 PM
2,4-D	ND		0.0066	mg/Kg-dry	1	06/22/12 11:13 PM
Surr: DCAA	*97.2*		*30-150*	*%REC*	1	06/22/12 11:13 PM
PCBS			**SW8082**		Prep Date: **06/21/12**	Analyst: **JD**
Aroclor 1016	ND		0.051	mg/Kg-dry	1	06/25/12 08:44 PM
Aroclor 1221	ND		0.051	mg/Kg-dry	1	06/25/12 08:44 PM
Aroclor 1232	ND		0.051	mg/Kg-dry	1	06/25/12 08:44 PM
Aroclor 1242	ND		0.051	mg/Kg-dry	1	06/25/12 08:44 PM
Aroclor 1248	ND		0.051	mg/Kg-dry	1	06/25/12 08:44 PM
Aroclor 1254	**0.34**		**0.051**	**mg/Kg-dry**	1	06/25/12 08:44 PM
Aroclor 1260	ND		0.051	mg/Kg-dry	1	06/25/12 08:44 PM
Surr: Decachlorobiphenyl	*94.1*		*40-140*	*%REC*	1	06/25/12 08:44 PM
PESTICIDES			**SW8081**		Prep Date: **06/21/12**	Analyst: **JD**
4,4'-DDD	ND		0.013	mg/Kg-dry	1	06/26/12 05:21 AM
4,4'-DDE	ND		0.013	mg/Kg-dry	1	06/26/12 05:21 AM
4,4'-DDT	ND		0.013	mg/Kg-dry	1	06/26/12 05:21 AM
Aldrin	ND		0.013	mg/Kg-dry	1	06/26/12 05:21 AM
alpha-BHC	ND		0.013	mg/Kg-dry	1	06/26/12 05:21 AM
alpha-Chlordane	ND		0.013	mg/Kg-dry	1	06/26/12 05:21 AM
beta-BHC	ND		0.013	mg/Kg-dry	1	06/26/12 05:21 AM
Chlordane, Technical	ND		0.032	mg/Kg-dry	1	06/26/12 05:21 AM
delta-BHC	ND		0.013	mg/Kg-dry	1	06/26/12 05:21 AM
Dieldrin	ND		0.013	mg/Kg-dry	1	06/26/12 05:21 AM
Endosulfan I	ND		0.013	mg/Kg-dry	1	06/26/12 05:21 AM
Endosulfan II	ND		0.013	mg/Kg-dry	1	06/26/12 05:21 AM
Endosulfan sulfate	ND		0.013	mg/Kg-dry	1	06/26/12 05:21 AM
Endrin	ND		0.013	mg/Kg-dry	1	06/26/12 05:21 AM
Endrin aldehyde	ND		0.013	mg/Kg-dry	1	06/26/12 05:21 AM
Endrin ketone	ND		0.013	mg/Kg-dry	1	06/26/12 05:21 AM
gamma-BHC (Lindane)	ND		0.013	mg/Kg-dry	1	06/26/12 05:21 AM
gamma-Chlordane	ND		0.013	mg/Kg-dry	1	06/26/12 05:21 AM
Heptachlor	ND		0.013	mg/Kg-dry	1	06/26/12 05:21 AM
Heptachlor epoxide	ND		0.013	mg/Kg-dry	1	06/26/12 05:21 AM
Methoxychlor	ND		0.013	mg/Kg-dry	1	06/26/12 05:21 AM
Toxaphene	ND		0.076	mg/Kg-dry	1	06/26/12 05:21 AM
Surr: Decachlorobiphenyl	*98.1*		*45-135*	*%REC*	1	06/26/12 05:21 AM
Surr: Tetrachloro-m-xylene	*67.1*		*45-124*	*%REC*	1	06/26/12 05:21 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B04-S01-061512
Lab ID: 1206641-13
Collection Date: 06/15/12 03:32 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **06/22/12**	Analyst: **LR**
Mercury	ND		0.025	mg/Kg-dry	1	06/25/12 04:00 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **06/22/12**	Analyst: **ML**
Aluminum	**8,600**		**1.8**	**mg/Kg-dry**	2	06/25/12 09:49 PM
Antimony	ND		0.91	mg/Kg-dry	2	06/25/12 09:49 PM
Arsenic	**6.5**		**0.91**	**mg/Kg-dry**	2	06/25/12 09:49 PM
Barium	**38**		**0.91**	**mg/Kg-dry**	2	06/25/12 09:49 PM
Beryllium	ND		0.36	mg/Kg-dry	2	06/25/12 09:49 PM
Boron	**6.2**		**3.6**	**mg/Kg-dry**	2	06/25/12 09:49 PM
Cadmium	ND		0.36	mg/Kg-dry	2	06/25/12 09:49 PM
Calcium	**8,500**		**91**	**mg/Kg-dry**	2	06/25/12 09:49 PM
Chromium	**14**		**0.91**	**mg/Kg-dry**	2	06/25/12 09:49 PM
Cobalt	**9.6**		**0.91**	**mg/Kg-dry**	2	06/25/12 09:49 PM
Copper	**19**		**0.91**	**mg/Kg-dry**	2	06/25/12 09:49 PM
Iron	**21,000**		**15**	**mg/Kg-dry**	2	06/25/12 09:49 PM
Lead	**12**		**0.91**	**mg/Kg-dry**	2	06/25/12 09:49 PM
Magnesium	**4,200**		**36**	**mg/Kg-dry**	2	06/25/12 09:49 PM
Manganese	**320**		**0.91**	**mg/Kg-dry**	2	06/25/12 09:49 PM
Nickel	**23**		**0.91**	**mg/Kg-dry**	2	06/25/12 09:49 PM
Potassium	**1,600**		**36**	**mg/Kg-dry**	2	06/25/12 09:49 PM
Selenium	ND		0.91	mg/Kg-dry	2	06/25/12 09:49 PM
Silver	ND		0.91	mg/Kg-dry	2	06/25/12 09:49 PM
Sodium	**76**		**36**	**mg/Kg-dry**	2	06/25/12 09:49 PM
Thallium	ND		0.91	mg/Kg-dry	2	06/25/12 09:49 PM
Vanadium	**16**		**0.91**	**mg/Kg-dry**	2	06/25/12 09:49 PM
Zinc	**65**		**1.8**	**mg/Kg-dry**	2	06/25/12 09:49 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **06/22/12**	Analyst: **RM**
1,1`-Biphenyl	ND		0.43	mg/Kg-dry	1	06/22/12 06:06 PM
2,4,5-Trichlorophenol	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
2,4,6-Trichlorophenol	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
2,4-Dichlorophenol	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
2,4-Dimethylphenol	ND		0.43	mg/Kg-dry	1	06/22/12 06:06 PM
2,4-Dinitrophenol	ND		0.86	mg/Kg-dry	1	06/22/12 06:06 PM
2,4-Dinitrotoluene	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
2,6-Dinitrotoluene	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
2-Chloronaphthalene	ND		0.10	mg/Kg-dry	1	06/22/12 06:06 PM
2-Chlorophenol	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
2-Methylnaphthalene	ND		0.10	mg/Kg-dry	1	06/22/12 06:06 PM
2-Methylphenol	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B04-S01-061512
Lab ID: 1206641-13
Collection Date: 06/15/12 03:32 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.86	mg/Kg-dry	1	06/22/12 06:06 PM
2-Nitrophenol	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
3,3'-Dichlorobenzidine	ND		0.86	mg/Kg-dry	1	06/22/12 06:06 PM
3-Nitroaniline	ND		0.86	mg/Kg-dry	1	06/22/12 06:06 PM
4,6-Dinitro-2-methylphenol	ND		0.43	mg/Kg-dry	1	06/22/12 06:06 PM
4-Bromophenyl phenyl ether	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
4-Chloro-3-methylphenol	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
4-Chloroaniline	ND		0.86	mg/Kg-dry	1	06/22/12 06:06 PM
4-Chlorophenyl phenyl ether	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
4-Methylphenol	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
4-Nitroaniline	ND		0.86	mg/Kg-dry	1	06/22/12 06:06 PM
4-Nitrophenol	ND		0.86	mg/Kg-dry	1	06/22/12 06:06 PM
Acenaphthene	ND		0.039	mg/Kg-dry	1	06/22/12 06:06 PM
Acenaphthylene	ND		0.039	mg/Kg-dry	1	06/22/12 06:06 PM
Acetophenone	ND		0.43	mg/Kg-dry	1	06/22/12 06:06 PM
Anthracene	ND		0.039	mg/Kg-dry	1	06/22/12 06:06 PM
Atrazine	ND		0.43	mg/Kg-dry	1	06/22/12 06:06 PM
Benzaldehyde	ND		0.43	mg/Kg-dry	1	06/22/12 06:06 PM
Benzo(a)anthracene	ND		0.039	mg/Kg-dry	1	06/22/12 06:06 PM
Benzo(a)pyrene	ND		0.039	mg/Kg-dry	1	06/22/12 06:06 PM
Benzo(b)fluoranthene	ND		0.039	mg/Kg-dry	1	06/22/12 06:06 PM
Benzo(g,h,i)perylene	ND		0.039	mg/Kg-dry	1	06/22/12 06:06 PM
Benzo(k)fluoranthene	ND		0.039	mg/Kg-dry	1	06/22/12 06:06 PM
Bis(2-chloroethoxy)methane	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
Bis(2-chloroethyl)ether	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
Bis(2-chloroisopropyl)ether	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
Bis(2-ethylhexyl)phthalate	ND		0.43	mg/Kg-dry	1	06/22/12 06:06 PM
Butyl benzyl phthalate	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
Caprolactam	ND		0.43	mg/Kg-dry	1	06/22/12 06:06 PM
Carbazole	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
Chrysene	ND		0.039	mg/Kg-dry	1	06/22/12 06:06 PM
Dibenzo(a,h)anthracene	ND		0.039	mg/Kg-dry	1	06/22/12 06:06 PM
Dibenzofuran	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
Diethyl phthalate	ND		0.43	mg/Kg-dry	1	06/22/12 06:06 PM
Dimethyl phthalate	ND		0.43	mg/Kg-dry	1	06/22/12 06:06 PM
Di-n-butyl phthalate	ND		0.43	mg/Kg-dry	1	06/22/12 06:06 PM
Di-n-octyl phthalate	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
Fluoranthene	ND		0.039	mg/Kg-dry	1	06/22/12 06:06 PM
Fluorene	ND		0.039	mg/Kg-dry	1	06/22/12 06:06 PM
Hexachlorobenzene	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B04-S01-061512
Lab ID: 1206641-13
Collection Date: 06/15/12 03:32 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
Hexachlorocyclopentadiene	ND		0.43	mg/Kg-dry	1	06/22/12 06:06 PM
Hexachloroethane	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
Indeno(1,2,3-cd)pyrene	ND		0.039	mg/Kg-dry	1	06/22/12 06:06 PM
Isophorone	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
Naphthalene	ND		0.039	mg/Kg-dry	1	06/22/12 06:06 PM
Nitrobenzene	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
N-Nitrosodi-n-propylamine	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
N-Nitrosodiphenylamine	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
Pentachlorophenol	ND		0.43	mg/Kg-dry	1	06/22/12 06:06 PM
Phenanthrene	ND		0.039	mg/Kg-dry	1	06/22/12 06:06 PM
Phenol	ND		0.21	mg/Kg-dry	1	06/22/12 06:06 PM
Pyrene	ND		0.039	mg/Kg-dry	1	06/22/12 06:06 PM
Surr: 2,4,6-Tribromophenol	*79.6*		*34-140*	*%REC*	1	06/22/12 06:06 PM
Surr: 2-Fluorobiphenyl	*67.0*		*12-100*	*%REC*	1	06/22/12 06:06 PM
Surr: 2-Fluorophenol	*86.9*		*33-117*	*%REC*	1	06/22/12 06:06 PM
Surr: 4-Terphenyl-d14	*72.8*		*25-137*	*%REC*	1	06/22/12 06:06 PM
Surr: Nitrobenzene-d5	*70.0*		*37-107*	*%REC*	1	06/22/12 06:06 PM
Surr: Phenol-d6	*85.3*		*40-106*	*%REC*	1	06/22/12 06:06 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**		Prep Date: **06/20/12**	Analyst: **BG**
1,1,1-Trichloroethane	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
1,1,2,2-Tetrachloroethane	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
1,1,2-Trichloroethane	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
1,1,2-Trichlorotrifluoroethane	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
1,1-Dichloroethane	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
1,1-Dichloroethene	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
1,2,4-Trichlorobenzene	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
1,2-Dibromo-3-chloropropane	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
1,2-Dibromoethane	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
1,2-Dichlorobenzene	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
1,2-Dichloroethane	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
1,2-Dichloropropane	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
1,3-Dichlorobenzene	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
1,4-Dichlorobenzene	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
2-Butanone	ND		0.26	mg/Kg-dry	1	06/26/12 08:47 AM
2-Hexanone	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
4-Methyl-2-pentanone	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
Acetone	ND		0.13	mg/Kg-dry	1	06/26/12 08:47 AM
Benzene	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
Bromodichloromethane	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B04-S01-061512
Lab ID: 1206641-13
Collection Date: 06/15/12 03:32 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
Bromomethane	ND		0.099	mg/Kg-dry	1	06/26/12 08:47 AM
Carbon disulfide	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
Carbon tetrachloride	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
Chlorobenzene	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
Chloroethane	ND		0.13	mg/Kg-dry	1	06/26/12 08:47 AM
Chloroform	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
Chloromethane	ND		0.13	mg/Kg-dry	1	06/26/12 08:47 AM
cis-1,2-Dichloroethene	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
cis-1,3-Dichloropropene	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
Cyclohexane	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
Dibromochloromethane	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
Dichlorodifluoromethane	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
Ethylbenzene	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
Isopropylbenzene	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
Methyl acetate	**0.28**	U	**0.26**	**mg/Kg-dry**	1	06/26/12 08:47 AM
Methyl tert-butyl ether	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
Methylcyclohexane	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
Methylene chloride	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
Styrene	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
Tetrachloroethene	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
Toluene	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
trans-1,2-Dichloroethene	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
trans-1,3-Dichloropropene	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
Trichloroethene	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
Trichlorofluoromethane	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
Vinyl chloride	ND		0.040	mg/Kg-dry	1	06/26/12 08:47 AM
Xylenes, Total	ND		0.12	mg/Kg-dry	1	06/26/12 08:47 AM
Surr: 1,2-Dichloroethane-d4	*101*		*70-130*	*%REC*	1	06/26/12 08:47 AM
Surr: 4-Bromofluorobenzene	*107*		*70-130*	*%REC*	1	06/26/12 08:47 AM
Surr: Dibromofluoromethane	*93.0*		*70-130*	*%REC*	1	06/26/12 08:47 AM
Surr: Toluene-d8	*98.8*		*70-130*	*%REC*	1	06/26/12 08:47 AM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **06/25/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.65	mg/Kg-dry	1	06/26/12 01:15 PM
FLASHPOINT, OPEN-CUP			**D92**			Analyst: **NZ**
Flashpoint, Open-cup	**>200**			**°F**	1	06/26/12 09:00 AM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**24**		**0.050**	**% of sample**	1	06/20/12 03:15 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ZY
7/3/12

ALS Group USA, Corp

Date: *28-Jun-12*

Client:	Weston Solutions, Inc		
Project:	20405.016.001.17XX.00/ E Sandusky Co Dumps	**Work Order:**	1206641
Sample ID:	CD-B04-S01-061512	**Lab ID:**	1206641-13
Collection Date:	06/15/12 03:32 PM	**Matrix:**	SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			**SW9045D**			Analyst: **JJG**
pH	**7.79**			**s.u.**	1	06/20/12 07:05 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206641
Sample ID: CD-B01-S01-061512 **Lab ID:** 1206641-23
Collection Date: 06/15/12 02:50 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **06/23/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	06/25/12 10:44 AM
2,4-D	ND		0.0050	mg/L	1	06/25/12 10:44 AM
Surr: DCAA	*109*		*30-150*	*%REC*	1	06/25/12 10:44 AM
TCLP PESTICIDES			**SW8081**		Prep Date: **06/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	06/25/12 10:15 PM
Endrin	ND		0.00050	mg/L	1	06/25/12 10:15 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/25/12 10:15 PM
Heptachlor	ND		0.00025	mg/L	1	06/25/12 10:15 PM
Methoxychlor	ND		0.0025	mg/L	1	06/25/12 10:15 PM
Toxaphene	ND		0.020	mg/L	1	06/25/12 10:15 PM
Surr: Decachlorobiphenyl	*71.0*		*30-135*	*%REC*	1	06/25/12 10:15 PM
Surr: Tetrachloro-m-xylene	*52.0*		*25-140*	*%REC*	1	06/25/12 10:15 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/25/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/26/12 01:03 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **06/22/12**	Analyst: **CES**
Arsenic	ND		0.010	mg/L	1	06/26/12 01:24 AM
Barium	**1.4**		**0.050**	**mg/L**	1	06/26/12 01:24 AM
Cadmium	**0.048**		**0.0020**	**mg/L**	1	06/26/12 01:24 AM
Chromium	ND		0.020	mg/L	1	06/26/12 01:24 AM
Lead	**0.45**		**0.010**	**mg/L**	1	06/26/12 01:24 AM
Selenium	ND		0.020	mg/L	1	06/26/12 01:24 AM
Silver	ND		0.0050	mg/L	1	06/26/12 01:24 AM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **06/22/12**	Analyst: **RM**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/24/12 10:32 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/24/12 10:32 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/24/12 10:32 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/24/12 10:32 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/24/12 10:32 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/24/12 10:32 PM
Hexachloroethane	ND		0.10	mg/L	1	06/24/12 10:32 PM
m-Cresol	ND		0.10	mg/L	1	06/24/12 10:32 PM
Nitrobenzene	ND		0.10	mg/L	1	06/24/12 10:32 PM
o-Cresol	ND		0.10	mg/L	1	06/24/12 10:32 PM
p-Cresol	ND		0.10	mg/L	1	06/24/12 10:32 PM
Pentachlorophenol	ND		0.40	mg/L	1	06/24/12 10:32 PM
Pyridine	ND		0.40	mg/L	1	06/24/12 10:32 PM
Surr: 2,4,6-Tribromophenol	*41.5*		*21-125*	*%REC*	1	06/24/12 10:32 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B01-S01-061512
Lab ID: 1206641-23
Collection Date: 06/15/12 02:50 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*49.7*		*39-94*	*%REC*	1	06/24/12 10:32 PM
Surr: 2-Fluorophenol	*18.7*		*10-75*	*%REC*	1	06/24/12 10:32 PM
Surr: 4-Terphenyl-d14	*65.4*		*26-119*	*%REC*	1	06/24/12 10:32 PM
Surr: Nitrobenzene-d5	*52.1*		*41-104*	*%REC*	1	06/24/12 10:32 PM
Surr: Phenol-d6	*20.8*		*11-50*	*%REC*	1	06/24/12 10:32 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/21/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.020	mg/L	20	06/23/12 08:28 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/23/12 08:28 AM
2-Butanone	ND		0.20	mg/L	20	06/23/12 08:28 AM
Benzene	ND		0.020	mg/L	20	06/23/12 08:28 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/23/12 08:28 AM
Chlorobenzene	ND		0.020	mg/L	20	06/23/12 08:28 AM
Chloroform	ND		0.020	mg/L	20	06/23/12 08:28 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/23/12 08:28 AM
Trichloroethene	ND		0.020	mg/L	20	06/23/12 08:28 AM
Vinyl chloride	ND		0.020	mg/L	20	06/23/12 08:28 AM
Surr: 1,2-Dichloroethane-d4	*98.6*		*70-130*	*%REC*	20	06/23/12 08:28 AM
Surr: 4-Bromofluorobenzene	*101*		*70-130*	*%REC*	20	06/23/12 08:28 AM
Surr: Dibromofluoromethane	*99.2*		*70-130*	*%REC*	20	06/23/12 08:28 AM
Surr: Toluene-d8	*98.8*		*70-130*	*%REC*	20	06/23/12 08:28 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206641
Sample ID: CD-B02-S01-061512 **Lab ID:** 1206641-24
Collection Date: 06/15/12 02:35 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **06/23/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	06/25/12 10:53 AM
2,4-D	ND		0.0050	mg/L	1	06/25/12 10:53 AM
Surr: DCAA	*102*		*30-150*	*%REC*	1	06/25/12 10:53 AM
TCLP PESTICIDES			**SW8081**		Prep Date: **06/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	06/25/12 10:30 PM
Endrin	ND		0.00050	mg/L	1	06/25/12 10:30 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/25/12 10:30 PM
Heptachlor	ND		0.00025	mg/L	1	06/25/12 10:30 PM
Methoxychlor	ND		0.0025	mg/L	1	06/25/12 10:30 PM
Toxaphene	ND		0.020	mg/L	1	06/25/12 10:30 PM
Surr: Decachlorobiphenyl	*72.0*		*30-135*	*%REC*	1	06/25/12 10:30 PM
Surr: Tetrachloro-m-xylene	*53.0*		*25-140*	*%REC*	1	06/25/12 10:30 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/25/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/26/12 01:05 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **06/22/12**	Analyst: **CES**
Arsenic	ND		0.010	mg/L	1	06/26/12 01:29 AM
Barium	**0.53**		**0.050**	**mg/L**	1	06/26/12 01:29 AM
Cadmium	ND		0.0020	mg/L	1	06/26/12 01:29 AM
Chromium	ND		0.020	mg/L	1	06/26/12 01:29 AM
Lead	ND		0.010	mg/L	1	06/26/12 01:29 AM
Selenium	ND		0.020	mg/L	1	06/26/12 01:29 AM
Silver	ND		0.0050	mg/L	1	06/26/12 01:29 AM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **06/22/12**	Analyst: **RM**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/24/12 10:58 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/24/12 10:58 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/24/12 10:58 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/24/12 10:58 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/24/12 10:58 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/24/12 10:58 PM
Hexachloroethane	ND		0.10	mg/L	1	06/24/12 10:58 PM
m-Cresol	ND		0.10	mg/L	1	06/24/12 10:58 PM
Nitrobenzene	ND		0.10	mg/L	1	06/24/12 10:58 PM
o-Cresol	ND		0.10	mg/L	1	06/24/12 10:58 PM
p-Cresol	ND		0.10	mg/L	1	06/24/12 10:58 PM
Pentachlorophenol	ND		0.40	mg/L	1	06/24/12 10:58 PM
Pyridine	ND		0.40	mg/L	1	06/24/12 10:58 PM
Surr: 2,4,6-Tribromophenol	*45.6*		*21-125*	*%REC*	1	06/24/12 10:58 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B02-S01-061512
Lab ID: 1206641-24
Collection Date: 06/15/12 02:35 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*53.8*		*39-94*	*%REC*	1	06/24/12 10:58 PM
Surr: 2-Fluorophenol	*38.2*		*10-75*	*%REC*	1	06/24/12 10:58 PM
Surr: 4-Terphenyl-d14	*66.0*		*26-119*	*%REC*	1	06/24/12 10:58 PM
Surr: Nitrobenzene-d5	*56.5*		*41-104*	*%REC*	1	06/24/12 10:58 PM
Surr: Phenol-d6	*23.2*		*11-50*	*%REC*	1	06/24/12 10:58 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/21/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.020	mg/L	20	06/23/12 08:55 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/23/12 08:55 AM
2-Butanone	ND		0.20	mg/L	20	06/23/12 08:55 AM
Benzene	ND		0.020	mg/L	20	06/23/12 08:55 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/23/12 08:55 AM
Chlorobenzene	ND		0.020	mg/L	20	06/23/12 08:55 AM
Chloroform	ND		0.020	mg/L	20	06/23/12 08:55 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/23/12 08:55 AM
Trichloroethene	ND		0.020	mg/L	20	06/23/12 08:55 AM
Vinyl chloride	ND		0.020	mg/L	20	06/23/12 08:55 AM
Surr: 1,2-Dichloroethane-d4	*94.1*		*70-130*	*%REC*	20	06/23/12 08:55 AM
Surr: 4-Bromofluorobenzene	*97.4*		*70-130*	*%REC*	20	06/23/12 08:55 AM
Surr: Dibromofluoromethane	*97.2*		*70-130*	*%REC*	20	06/23/12 08:55 AM
Surr: Toluene-d8	*98.2*		*70-130*	*%REC*	20	06/23/12 08:55 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206641
Sample ID: CD-B03-S01-061512 **Lab ID:** 1206641-25
Collection Date: 06/15/12 02:15 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **06/23/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	06/25/12 11:01 AM
2,4-D	ND		0.0050	mg/L	1	06/25/12 11:01 AM
Surr: DCAA	*99.8*		*30-150*	*%REC*	1	06/25/12 11:01 AM
TCLP PESTICIDES			**SW8081**		Prep Date: **06/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	06/25/12 10:45 PM
Endrin	ND		0.00050	mg/L	1	06/25/12 10:45 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/25/12 10:45 PM
Heptachlor	ND		0.00025	mg/L	1	06/25/12 10:45 PM
Methoxychlor	ND		0.0025	mg/L	1	06/25/12 10:45 PM
Toxaphene	ND		0.020	mg/L	1	06/25/12 10:45 PM
Surr: Decachlorobiphenyl	*77.0*		*30-135*	*%REC*	1	06/25/12 10:45 PM
Surr: Tetrachloro-m-xylene	*58.0*		*25-140*	*%REC*	1	06/25/12 10:45 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/25/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/26/12 01:07 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **06/22/12**	Analyst: **CES**
Arsenic	ND		0.010	mg/L	1	06/26/12 01:35 AM
Barium	**0.28**		**0.050**	**mg/L**	1	06/26/12 01:35 AM
Cadmium	ND		0.0020	mg/L	1	06/26/12 01:35 AM
Chromium	ND		0.020	mg/L	1	06/26/12 01:35 AM
Lead	ND		0.010	mg/L	1	06/26/12 01:35 AM
Selenium	ND		0.020	mg/L	1	06/26/12 01:35 AM
Silver	ND		0.0050	mg/L	1	06/26/12 01:35 AM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **06/22/12**	Analyst: **RM**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/24/12 11:25 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/24/12 11:25 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/24/12 11:25 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/24/12 11:25 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/24/12 11:25 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/24/12 11:25 PM
Hexachloroethane	ND		0.10	mg/L	1	06/24/12 11:25 PM
m-Cresol	ND		0.10	mg/L	1	06/24/12 11:25 PM
Nitrobenzene	ND		0.10	mg/L	1	06/24/12 11:25 PM
o-Cresol	ND		0.10	mg/L	1	06/24/12 11:25 PM
p-Cresol	ND		0.10	mg/L	1	06/24/12 11:25 PM
Pentachlorophenol	ND		0.40	mg/L	1	06/24/12 11:25 PM
Pyridine	ND		0.40	mg/L	1	06/24/12 11:25 PM
Surr: 2,4,6-Tribromophenol	*51.3*		*21-125*	*%REC*	1	06/24/12 11:25 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B03-S01-061512
Lab ID: 1206641-25
Collection Date: 06/15/12 02:15 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*56.3*		*39-94*	*%REC*	1	06/24/12 11:25 PM
Surr: 2-Fluorophenol	*38.4*		*10-75*	*%REC*	1	06/24/12 11:25 PM
Surr: 4-Terphenyl-d14	*67.5*		*26-119*	*%REC*	1	06/24/12 11:25 PM
Surr: Nitrobenzene-d5	*58.8*		*41-104*	*%REC*	1	06/24/12 11:25 PM
Surr: Phenol-d6	*22.9*		*11-50*	*%REC*	1	06/24/12 11:25 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/21/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.020	mg/L	20	06/23/12 09:21 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/23/12 09:21 AM
2-Butanone	ND		0.20	mg/L	20	06/23/12 09:21 AM
Benzene	ND		0.020	mg/L	20	06/23/12 09:21 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/23/12 09:21 AM
Chlorobenzene	ND		0.020	mg/L	20	06/23/12 09:21 AM
Chloroform	ND		0.020	mg/L	20	06/23/12 09:21 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/23/12 09:21 AM
Trichloroethene	ND		0.020	mg/L	20	06/23/12 09:21 AM
Vinyl chloride	ND		0.020	mg/L	20	06/23/12 09:21 AM
Surr: 1,2-Dichloroethane-d4	*97.8*		*70-130*	*%REC*	20	06/23/12 09:21 AM
Surr: 4-Bromofluorobenzene	*96.8*		*70-130*	*%REC*	20	06/23/12 09:21 AM
Surr: Dibromofluoromethane	*101*		*70-130*	*%REC*	20	06/23/12 09:21 AM
Surr: Toluene-d8	*98.5*		*70-130*	*%REC*	20	06/23/12 09:21 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1206641
Sample ID: CD-B04-S01-061512 **Lab ID:** 1206641-26
Collection Date: 06/15/12 03:32 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **06/23/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	06/25/12 11:10 AM
2,4-D	ND		0.0050	mg/L	1	06/25/12 11:10 AM
Surr: DCAA	*96.8*		*30-150*	*%REC*	1	06/25/12 11:10 AM
TCLP PESTICIDES			**SW8081**		Prep Date: **06/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	06/25/12 10:59 PM
Endrin	ND		0.00050	mg/L	1	06/25/12 10:59 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/25/12 10:59 PM
Heptachlor	ND		0.00025	mg/L	1	06/25/12 10:59 PM
Methoxychlor	ND		0.0025	mg/L	1	06/25/12 10:59 PM
Toxaphene	ND		0.020	mg/L	1	06/25/12 10:59 PM
Surr: Decachlorobiphenyl	*74.0*		*30-135*	*%REC*	1	06/25/12 10:59 PM
Surr: Tetrachloro-m-xylene	*52.0*		*25-140*	*%REC*	1	06/25/12 10:59 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/25/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/26/12 01:09 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **06/22/12**	Analyst: **CES**
Arsenic	ND		0.010	mg/L	1	06/26/12 01:40 AM
Barium	**0.62**		**0.050**	**mg/L**	1	06/26/12 01:40 AM
Cadmium	**0.0029**		**0.0020**	**mg/L**	1	06/26/12 01:40 AM
Chromium	ND		0.020	mg/L	1	06/26/12 01:40 AM
Lead	ND		0.010	mg/L	1	06/26/12 01:40 AM
Selenium	ND		0.020	mg/L	1	06/26/12 01:40 AM
Silver	ND		0.0050	mg/L	1	06/26/12 01:40 AM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **06/22/12**	Analyst: **RM**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/24/12 11:51 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/24/12 11:51 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/24/12 11:51 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/24/12 11:51 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/24/12 11:51 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/24/12 11:51 PM
Hexachloroethane	ND		0.10	mg/L	1	06/24/12 11:51 PM
m-Cresol	ND		0.10	mg/L	1	06/24/12 11:51 PM
Nitrobenzene	ND		0.10	mg/L	1	06/24/12 11:51 PM
o-Cresol	ND		0.10	mg/L	1	06/24/12 11:51 PM
p-Cresol	ND		0.10	mg/L	1	06/24/12 11:51 PM
Pentachlorophenol	ND		0.40	mg/L	1	06/24/12 11:51 PM
Pyridine	ND		0.40	mg/L	1	06/24/12 11:51 PM
Surr: 2,4,6-Tribromophenol	*43.1*		*21-125*	*%REC*	1	06/24/12 11:51 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: CD-B04-S01-061512
Lab ID: 1206641-26
Collection Date: 06/15/12 03:32 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*47.9*		*39-94*	*%REC*	1	06/24/12 11:51 PM
Surr: 2-Fluorophenol	*39.2*		*10-75*	*%REC*	1	06/24/12 11:51 PM
Surr: 4-Terphenyl-d14	*64.9*		*26-119*	*%REC*	1	06/24/12 11:51 PM
Surr: Nitrobenzene-d5	*50.1*		*41-104*	*%REC*	1	06/24/12 11:51 PM
Surr: Phenol-d6	*24.8*		*11-50*	*%REC*	1	06/24/12 11:51 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/21/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.020	mg/L	20	06/23/12 09:48 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/23/12 09:48 AM
2-Butanone	ND		0.20	mg/L	20	06/23/12 09:48 AM
Benzene	ND		0.020	mg/L	20	06/23/12 09:48 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/23/12 09:48 AM
Chlorobenzene	ND		0.020	mg/L	20	06/23/12 09:48 AM
Chloroform	ND		0.020	mg/L	20	06/23/12 09:48 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/23/12 09:48 AM
Trichloroethene	ND		0.020	mg/L	20	06/23/12 09:48 AM
Vinyl chloride	ND		0.020	mg/L	20	06/23/12 09:48 AM
Surr: 1,2-Dichloroethane-d4	*95.8*		*70-130*	*%REC*	20	06/23/12 09:48 AM
Surr: 4-Bromofluorobenzene	*97.0*		*70-130*	*%REC*	20	06/23/12 09:48 AM
Surr: Dibromofluoromethane	*97.8*		*70-130*	*%REC*	20	06/23/12 09:48 AM
Surr: Toluene-d8	*98.0*		*70-130*	*%REC*	20	06/23/12 09:48 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: Trip Blank
Lab ID: 1206641-27
Collection Date: 06/15/12
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260**		Prep Date: **06/20/12**	Analyst: **BG**
1,1,1-Trichloroethane	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
1,1,2,2-Tetrachloroethane	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
1,1,2-Trichloroethane	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
1,1,2-Trichlorotrifluoroethane	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
1,1-Dichloroethane	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
1,1-Dichloroethene	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
1,2,4-Trichlorobenzene	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
1,2-Dibromo-3-chloropropane	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
1,2-Dibromoethane	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
1,2-Dichlorobenzene	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
1,2-Dichloroethane	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
1,2-Dichloropropane	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
1,3-Dichlorobenzene	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
1,4-Dichlorobenzene	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
2-Butanone	ND		0.20	mg/Kg	1	06/26/12 03:30 AM
2-Hexanone	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
4-Methyl-2-pentanone	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
Acetone	ND		0.10	mg/Kg	1	06/26/12 03:30 AM
Benzene	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
Bromodichloromethane	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
Bromoform	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
Bromomethane	ND		0.075	mg/Kg	1	06/26/12 03:30 AM
Carbon disulfide	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
Carbon tetrachloride	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
Chlorobenzene	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
Chloroethane	ND		0.10	mg/Kg	1	06/26/12 03:30 AM
Chloroform	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
Chloromethane	ND		0.10	mg/Kg	1	06/26/12 03:30 AM
cis-1,2-Dichloroethene	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
cis-1,3-Dichloropropene	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
Cyclohexane	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
Dibromochloromethane	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
Dichlorodifluoromethane	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
Ethylbenzene	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
Isopropylbenzene	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
Methyl acetate	**0.45**	U	**0.20**	**mg/Kg**	1	06/26/12 03:30 AM
Methyl tert-butyl ether	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
Methylcyclohexane	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
Methylene chloride	ND		0.030	mg/Kg	1	06/26/12 03:30 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

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7/3/12

ALS Group USA, Corp

Date: *28-Jun-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1206641
Sample ID: Trip Blank
Lab ID: 1206641-27
Collection Date: 06/15/12
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
Tetrachloroethene	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
Toluene	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
trans-1,2-Dichloroethene	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
trans-1,3-Dichloropropene	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
Trichloroethene	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
Trichlorofluoromethane	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
Vinyl chloride	ND		0.030	mg/Kg	1	06/26/12 03:30 AM
Xylenes, Total	ND		0.090	mg/Kg	1	06/26/12 03:30 AM
Surr: 1,2-Dichloroethane-d4	*107*		*70-130*	*%REC*	1	06/26/12 03:30 AM
Surr: 4-Bromofluorobenzene	*99.9*		*70-130*	*%REC*	1	06/26/12 03:30 AM
Surr: Dibromofluoromethane	*95.3*		*70-130*	*%REC*	1	06/26/12 03:30 AM
Surr: Toluene-d8	*99.2*		*70-130*	*%REC*	1	06/26/12 03:30 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 28-Jun-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
WorkOrder: **1206641**

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 Quantitation Limit
RPD	Relative Percent Difference
SD	Serial Dilution
TDL	Target Detection Limit

Units Reported	Description
% of sample	Percent of Sample
°F	Degrees Fahrenheit
mg/Kg	Milligrams per Kilogram
mg/Kg-dry	Milligrams per Kilogram Dry Weight
mg/L	Milligrams per Liter
s.u.	Standard Units