SITE ASSESSMENT REPORT
FOR THE
WHIRLPOOL PARK SITE
GREEN SPRINGS, 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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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
mg/kg	Milligram per kilogram
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
Ohio EPA	Ohio Environmental Protection Agency
OSC	On-scene Coordinator
PCB	Polychlorinated biphenyl
PID	Photoionization detector
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
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 Whirlpool Park Site in Green Springs, 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
- Conduct limited geophysical survey
- Complete Geoprobe borings
- Collect subsurface soil samples

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

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 geophysical survey results 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 the intersection of Township Road 187 and County Road 181 in Green Springs, Ohio (**Figure 1**). The Site's approximate geographical coordinates are 41.3048° North

latitude and -83.0198° West longitude. According to the Sandusky County Auditor's Tax Map, the Site's footprint encompasses approximately 27 acres. The Site is surrounded by agricultural land and private residences in a rural area approximately 5 miles southwest of downtown Clyde. The site assessment investigation area includes the area immediately surrounding the basketball court in the southeast corner of the Site (**Figure 2**).

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 (NCP), Title 40 of the *Code of Federal Regulations* (CFR), Part 300.415(b)(2). In particular, the site assessment activities focused on identifying potential sources of soil and water contamination. **Appendix A** provides photographic documentation of the site assessment activities and Site conditions.

On June 13, 2012, the U.S. EPA OSC and WESTON START members mobilized to the Site to begin field work. A limited geophysical survey was performed during this visit using ground-penetrating radar, and the preliminary data were used to screen the proposed boring locations for underground utilities.

On June 15, 2012, the U.S. EPA OSC, WESTON START members, and Buckeye Probe mobilized to the Site to advance soil borings at six locations, WP-B01 through WP-B06 (**Figure 3**). The Buckeye Probe operator used a track-mounted, hydraulic, direct-push probe rig to recover continuous soil cores from each boring location at depths ranging from 8 to 16 feet below ground surface (bgs). As part of the geophysical survey, WESTON START characterized the soil on separate boring logs (**Appendix B**) and field screened each core at 2-foot intervals for volatile organic compounds (VOC) using a photoionization detector (PID).

Sampling locations and depth intervals were selected based on historical data, field conditions, and PID field screening results. Up to two soil samples were collected from each soil boring. Subsurface soil samples were collected from the acetate liners using high-density polyethylene 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 semivolatile organic compounds (SVOC); Target Analyte List (TAL) metals plus boron and hexavalent chromium; total pesticides and herbicides; polychlorinated biphenyls (PCB); Toxicity Characteristic Leaching Procedure (TCLP) VOCs, SVOCs, pesticides, and herbicides; and TCLP metals.

4. SITE ASSESSMENT RESULTS

The geophysical survey and subsurface soil sample analytical results are discussed below.

4.1 GEOPHYSICAL SURVEY RESULTS

Boring WP-B01, located along the south edge of the basketball court, consisted of a 0.5-foot topsoil layer underlain by a 3.5-foot dry, brown clay and silt layer. Approximately 2.5 feet of black sludge fill material lay beneath. A moist, blackish-green clay layer extended below to 8 feet bgs, underlain by a stiff, yellowish-brown clay layer extending to the termination of the boring at 12 feet bgs. PID VOC readings ranged from 5.1 to 5.7 parts per million (ppm) in the 0- to 4-foot-bgs interval and from 0 to 5.1 ppm below 4 feet bgs. A soil sample was collected from the 6- to 8-foot-bgs interval and submitted for laboratory analysis (see Section 4.2).

Boring WP-B02, located along the east edge of the basketball court, consisted of a 0.5-foot topsoil layer underlain by a 9.5-foot layer of mottled gray and black sludge fill material with a petroleum odor. Approximately 0.5 foot of moist, mottled gray and black silt and sand with a petroleum odor lay beneath. A moist, gray clay layer extended below to 12 feet bgs, underlain by a dry, mottled brown and orange clay layer extending to the termination of the boring at 16 feet bgs. PID VOC readings ranged from 16 to 28 ppm in the 0 to 10.5-foot-bgs interval and from 2.3 to 4.4 ppm below 10.5 feet bgs. Soil samples were collected from the 2 to 4 foot-bgs interval and from the 10- to 12-foot-bgs interval and submitted for laboratory analysis (see Section 4.2).

Boring WP-B03, located along the north edge of the basketball court, consisted of a 0.5-foot topsoil layer underlain by a 3.5-foot dry, brown clay and silt layer. A moist, green clay layer extended below to 7 feet bgs, underlain by a dry, brown and orange clay layer extending to the termination of the boring at 12 feet bgs. PID VOC readings ranged from 0.7 to 1.4 ppm in the 0- to 8-foot-bgs interval and were 0 ppm below 8 feet bgs. A soil sample was collected from the 4- to 6-foot-bgs interval and submitted for laboratory analysis

Boring WP-B04, located along the west edge of the basketball court, consisted of a 0.5-foot topsoil layer underlain by a 3.5-foot dry, yellowish-brown clay and silt layer. Approximately 2 feet of mottled, gray and black sludge fill material lay beneath. A moist, blackish-green clay layer extended below to 9.5 feet bgs, underlain by a stiff, brown clay layer extending to the termination of the boring at 12 feet bgs. PID VOC readings ranged from 2.1 to 7.6 ppm in the 0- to 6-foot-bgs interval. In the 6- to 8-foot-bgs interval, the PID VOC reading was 45 ppm. Below 8 feet bgs, PID readings ranged from 5.1 to 7.3 ppm VOCs. A soil sample was collected from the 6- to 8-foot-bgs interval and submitted for laboratory analysis (see Section 4.2).

Boring WP-B05, located approximately 200 feet west of the basketball court, consisted of a 1.5-foot layer of moist, orangish-brown sand underlain by a 0.5-foot orange silt layer. Below this, a moist, gray clay layer extended to the termination of the boring at 8 feet bgs. PID VOC readings ranged from 2.9 to 4.3 ppm. A soil sample was collected from the 0- to 2-foot-bgs interval and submitted for laboratory analysis (see Section 4.2).

Boring WP-B06, located approximately 220 feet southwest of the basketball court, consisted of a 1.5-foot layer of moist, orangish-brown sand underlain by a 0.5-foot orange silt layer. Below this, a moist, gray clay layer extended to the termination of the boring at 8 feet bgs. PID VOC readings ranged from 0 to 2.9 ppm. A soil sample was collected from the 0- to 2-foot-bgs interval and submitted for laboratory analysis (see Section 4.2).

4.2 SUBSURFACE SOIL SAMPLE ANALYTICAL RESULTS

Six subsurface soil samples were collected from the Site for laboratory analysis. The ALS Environmental laboratory of Holland, Michigan, analyzed the 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.

The analytical 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; (3) U.S. EPA requirements for PCB spill cleanup (40 CFR 761.125); or (4) U.S. EPA Maximum Concentration of Contaminants for the Toxicity Characteristic (40 CFR 261.24). 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 1** summarizes the full analytical results for each sample and provides the complete list of analytes. **Appendix C** provides the analytical data validation report.

WP-B01-S01-061512

PCBs: Aroclor 1254 = 1.2 milligrams per kilogram (mg/kg) (0.22 mg/kg)

WP-B02-S01-061512 (6 to 8 feet bgs)

PCBs: Aroclor 1254 = 0.25 mg/kg (0.22 mg/kg)

WP-B02-S02-061512 (10 to 12 feet bgs)

TAL Metals:	Cobalt = 26 mg/kg (23 mg/kg)
PCBs:	Aroclor 1254 = 170 mg/kg (0.22 mg/kg and 50 mg/kg)

WP-B03-S01-061512

PCBs:	Aroclor 1254 = 1.8 mg/kg (0.22 mg/kg)

WP-B04-S01-061512

TAL Metals:	Cobalt = 560 mg/kg (23 mg/kg) Nickel = 1,600 mg/kg (1,500 mg/kg)
PCBs:	Aroclor 1254 = 1,200 mg/kg (0.22 mg/kg and 50 mg/kg)

WP-B05-S01-061512

PCBs:	Aroclor 1254 = 3.7 mg/kg (0.22 mg/kg)

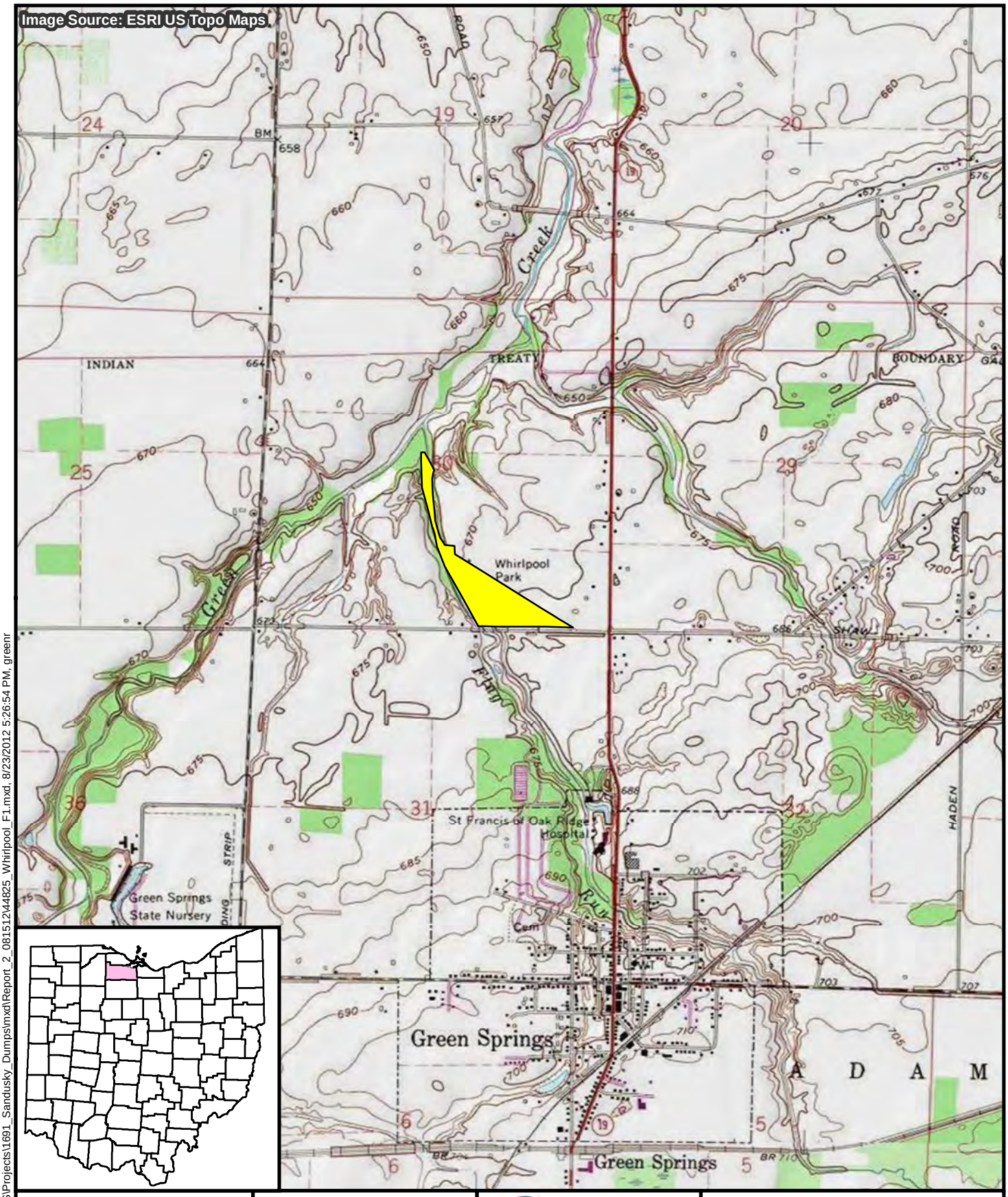
WP-B06-S01-061512

PCBs:	Aroclor 1254 = 2.8 mg/kg (0.22 mg/kg)

5. SUMMARY

The tip line complaint included information that the Whirlpool Corporation filled in the area immediately surrounding and under the basketball court in the southeast corner of the Site. The fill material was described as black sludge-like material. Four soil borings (B01-B04) were completed around the basketball court, one on each side of the court. Two soil borings (B05 and B06) were completed near a former playground located southwest of the basketball court, in an area believed to be outside of the fill area. Analytical results for all subsurface soil samples indicated that PCBs were present in the subsurface soil at levels exceeding the U.S. EPA RSLs for residential properties. Analytical results for subsurface soil samples collected from soil borings B02 and B04 indicated that total metals were present in the subsurface soil at levels exceeding the U.S. EPA RSLs for residential properties and PCBs were present at levels exceeding the U.S. EPA requirements for PCB spill cleanup.

FIGURES



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Prepared for:
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DCN: 1691-2A-BAGN

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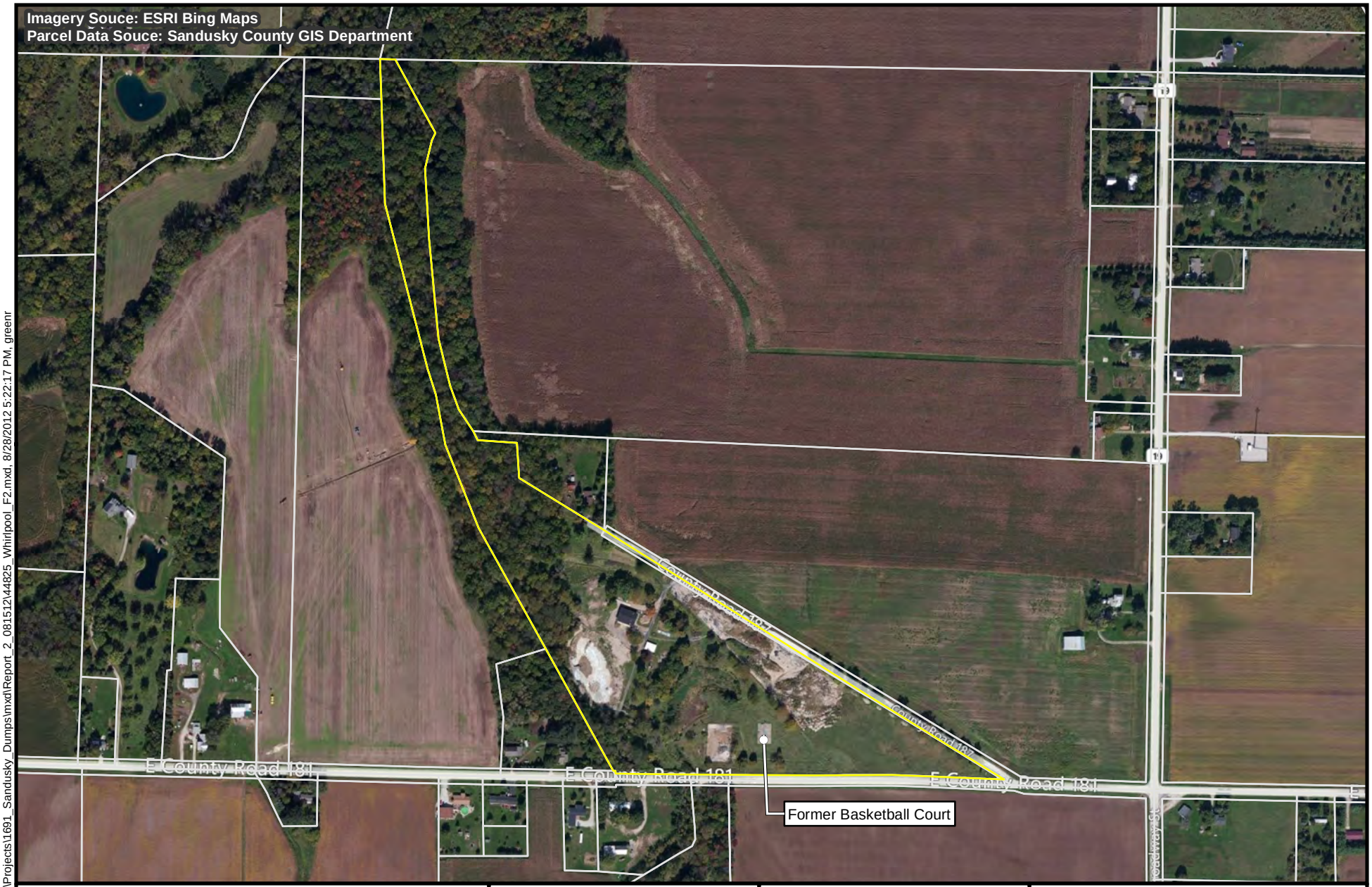
Figure 1
Site Location Map
Whirlpool Park Site
Eastern Sandusky County Dumps
Green Springs, Sandusky County, Ohio



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Legend
- Site Boundary
- Parcels

N

0 500 Feet

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Figure 2
Site Features Map
Whirlpool Park Site
Eastern Sandusky County Dumps
Green Springs, Sandusky County, Ohio

Legend

- Soil Boring and Sampling Locations
- Site Boundary

Soil Boring Depth Units = Feet bgs

N

0 150 Feet

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Figure 3
Soil Boring and Sampling Locations Map
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

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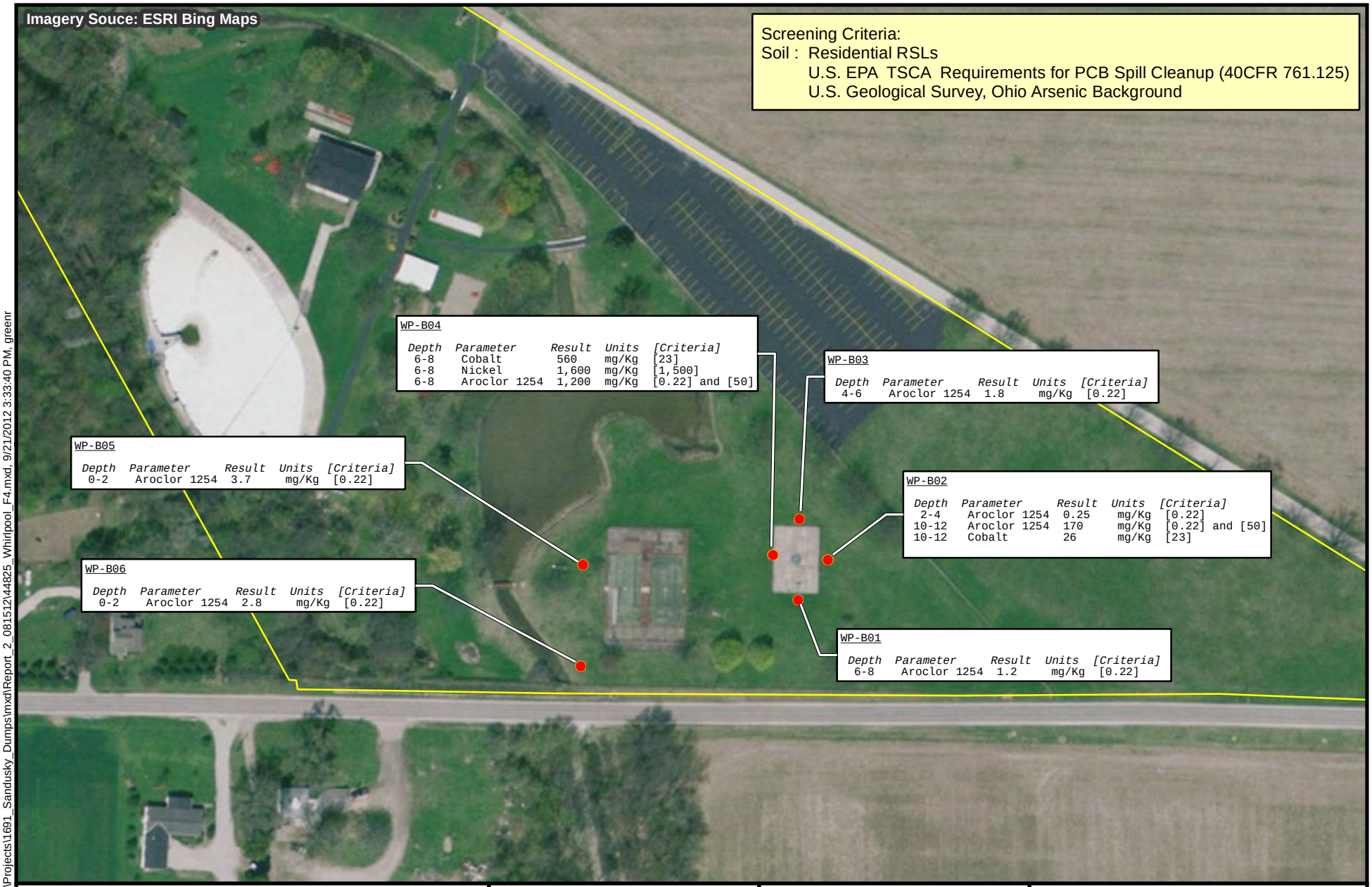

Legend

- Soil Boring Sampling Locations with Exceedances
- Site Boundary

Soil Boring Depth Units = Feet bgs

N

0 150 Feet

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Figure 4
Soil Analytical Results
Exceeding Screening Criteria
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

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TABLES

TABLE 1
SUBSURFACE SOIL ANALYTICAL RESULTS
WHIRLPOOL PARK SITE
GREEN SPRINGS, SANDUSKY, OHIO

Analytical Method	Analytical Parameter	Unit	Location ID	WP-B01	WP-B02	WP-B02	WP-B03	WP-B04	WP-B05	WP-B06
			Field Sample ID	WP-B01-S01-061512	WP-B02-S01-061512	WP-B02-S02-061512	WP-B03-S01-061512	WP-B04-S01-061512	WP-B05-S01-061512	WP-B06-S01-061512
			Sampling Date	6/15/2012	6/15/2012	6/15/2012	6/15/2012	6/15/2012	6/15/2012	6/15/2012
			Sampling Depth (feet bgs)	6-8	2-4	10-12	4-6	6-8	0-2	0-2
			Screening Criterion	Result						
	VOCs [1]									
SW8260	1,1,2,2-Tetrachloroethane	mg/kg	0.56	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	1,1,2-Trichloroethane	mg/kg	1.1	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	1,1,2-Trichlorotrifluoroethane	mg/kg	43000	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	1,1,1-Trichloroethane	mg/kg	8700	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	1,1-Dichloroethane	mg/kg	3.3	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	1,1-Dichloroethene	mg/kg	240	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	1,2,4-Trichlorobenzene	mg/kg	22	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	1,2-Dibromo-3-chloropropane	mg/kg	0.0054	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	1,2-Dibromoethane	mg/kg	0.034	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	1,2-Dichlorobenzene	mg/kg	1900	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	1,2-Dichloroethane	mg/kg	0.43	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	1,2-Dichloropropane	mg/kg	0.94	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	1,3-Dichlorobenzene	mg/kg	NA	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	1,4-Dichlorobenzene	mg/kg	2.4	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	2-Butanone	mg/kg	28000	0.25 U	0.36 U	0.32 U	0.38 U	0.90 U	0.23 U	0.25 U
SW8260	2-Hexanone	mg/kg	210	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	4-Methyl-2-pentanone	mg/kg	5300	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	Acetone	mg/kg	61000	0.12 U	0.18 U	0.16 U	0.19 U	0.45 U	0.12 U	0.12 U
SW8260	Benzene	mg/kg	1.1	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	Bromodichloromethane	mg/kg	0.27	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	Bromoform	mg/kg	62	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	Bromomethane	mg/kg	7.3	0.093 U	0.14 U	0.12 U	0.14 U	0.34 U	0.086 U	0.093 U
SW8260	Carbon disulfide	mg/kg	820	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	Carbon tetrachloride	mg/kg	0.61	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	Chlorobenzene	mg/kg	290	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	Chloroethane	mg/kg	15000	0.12 U	0.18 U	0.16 U	0.19 U	0.45 U	0.12 U	0.12 U
SW8260	Chloroform	mg/kg	0.29	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	Chloromethane	mg/kg	120	0.12 U	0.18 U	0.16 U	0.19 U	0.45 U	0.12 U	0.12 U
SW8260	cis-1,2-Dichloroethene	mg/kg	160	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	cis-1,3-Dichloropropene	mg/kg	NA	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	Cyclohexane	mg/kg	7000	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	Dibromochloromethane	mg/kg	0.68	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	Dichlorodifluoromethane	mg/kg	94	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	Ethylbenzene	mg/kg	5.4	0.037 U	0.055 U	0.048 U	0.057 U	**0.62**	0.035 U	0.037 U
SW8260	Isopropylbenzene	mg/kg	2100	0.037 U	0.055 U	0.048 U	0.057 U	**0.38**	0.035 U	0.037 U
SW8260	Methyl acetate	mg/kg	78000	0.25 U	0.36 U	0.32 U	0.38 U	0.90 U	0.23 U	0.25 U
SW8260	Methyl tert-butyl ether	mg/kg	43	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	Methylcyclohexane	mg/kg	NA	0.037 U	0.055	0.048 U	0.057 U	**0.37**	0.035 U	0.037 U
SW8260	Methylene chloride	mg/kg	11	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	Styrene	mg/kg	6300	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	Tetrachloroethene	mg/kg	0.55	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	Toluene	mg/kg	5000	0.037 U	0.055 U	0.048 U	0.057 U	**1.7**	**0.076**	0.037 U
SW8260	trans-1,2-Dichloroethene	mg/kg	150	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	trans-1,3-Dichloropropene	mg/kg	NA	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	Trichloroethene	mg/kg	0.91	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	Trichlorofluoromethane	mg/kg	790	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	Vinyl chloride	mg/kg	0.06	0.037 U	0.055 U	0.048 U	0.057 U	0.14 U	0.035 U	0.037 U
SW8260	Xylenes, Total	mg/kg	630	0.11 U	0.16 U	0.14 U	0.17 U	**4.0**	0.10 U	0.11 U
	SVOCs [1]									
SW8270	1,1-Biphenyl	mg/kg	51	0.40 U	0.37 U	5.1 U	0.40 U	7.5 U	0.38 U	0.40 U
SW8270	2,4,5-Trichlorophenol	mg/kg	6100	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.19 U
SW8270	2,4,6-Trichlorophenol	mg/kg	44	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.19 U
SW8270	2,4-Dichlorophenol	mg/kg	180	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.19 U
SW8270	2,4-Dimethylphenol	mg/kg	1200	0.40 UJ	0.37 UJ	5.1 UJ	0.40 UJ	7.5 UJ	0.38 UJ	0.40 UJ
SW8270	2,4-Dinitrophenol	mg/kg	120	0.80 U	0.74 U	10 U	0.80 U	15 U	0.75 U	0.79 U
SW8270	2,4-Dinitrotoluene	mg/kg	1.6	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.19 U
SW8270	2,6-Dinitrotoluene	mg/kg	61	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.19 U
SW8270	2-Chloronaphthalene	mg/kg	6300	0.097 U	0.090 U	1.2 U	0.097 U	1.8 U	0.092 U	0.096 U
SW8270	2-Chlorophenol	mg/kg	390	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.19 U
SW8270	2-Methylnaphthalene	mg/kg	310	0.097 U	0.090 U	1.2 U	0.097 U	**11**	0.092 U	0.096 U
SW8270	2-Nitroaniline	mg/kg	610	0.80 U	0.74 U	10 U	0.80 U	15 U	0.75 U	0.79 U
SW8270	2-Nitrophenol	mg/kg	NA	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.19 U
SW8270	3,3-Dichlorobenzidine	mg/kg	1.1	0.80 U	0.74 U	10 U	0.80 U	15 U	0.75 U	0.79 U
SW8270	3-Nitroaniline	mg/kg	NA	0.80 U	0.74 U	10 U	0.80 U	15 U	0.75 U	0.79 U
SW8270	4,6-Dinitro-2-methylphenol	mg/kg	4.9	0.40 U	0.37 U	5.1 U	0.40 U	7.5 U	0.38 U	0.40 U
SW8270	4-Bromophenyl phenyl ether	mg/kg	NA	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.19 U
SW8270	4-Chloro-3-methylphenol	mg/kg	6100	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.19 U
SW8270	4-Chloroaniline	mg/kg	2.4	0.90 U	0.74 U	10 U	0.80 U	15 U	0.75 U	0.79 U
SW8270	4-Chlorophenyl phenyl ether	mg/kg	NA	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.19 U
SW8270	4-Nitroaniline	mg/kg	24	0.80 U	0.74 U	10 U	0.80 U	15 U	0.75 U	0.79 U
SW8270	4-Nitrophenol	mg/kg	NA	0.80 U	0.74 U	10 U	0.80 U	15 U	0.75 U	0.79 U
SW8270	Acenaphthene	mg/kg	3400	0.036 U	0.034 U	0.47 U	0.036 U	0.68 U	0.034 U	0.036 U
SW8270	Acenaphthylene	mg/kg	NA	0.036 U	0.034 U	0.47 U	0.036 U	0.68 U	0.034 U	0.036 U
SW8270	Acetophenone	mg/kg	7800	0.40 U	0.37 U	5.1 U	0.40 U	7.5 U	0.38 U	0.40 U
SW8270	Anthracene	mg/kg	17000	0.036 U	0.034 U	0.47 U	0.036 U	0.68 U	0.034 U	0.036 U
SW8270	Atrazine	mg/kg	2.1	0.40 U	0.37 U	5.1 U	0.40 U	7.5 U	0.38 U	0.40 U
SW8270	Benzaldehyde	mg/kg	7800	0.40 U	0.37 U	5.1 U	0.40 U	7.5 U	0.38 U	0.40 U
SW8270	Benzo(a)anthracene	mg/kg	0.15	0.036 U	0.034 U	0.47 U	0.036 U	0.68 U	0.034 U	0.036 U
SW8270	Benzo(a)pyrene	mg/kg	0.015	0.036 U	0.034 U	0.47 U	0.036 U	0.68 U	0.034 U	0.036 U
SW8270	Benzo(b)fluoranthene	mg/kg	0.15	0.036 U	0.034 U	0.47 U	0.036 U	0.68 U	0.034 U	0.036 U
SW8270	Benzo(g,h,i)perylene	mg/kg	NA	0.036 U	0.034 U	0.47 U	0.036 U	0.68 U	0.034 U	0.036 U

TABLE 1
SUBSURFACE SOIL ANALYTICAL RESULTS
WHIRLPOOL PARK SITE
GREEN SPRINGS, SANDUSKY, OHIO

Analytical Method	Analytical Parameter	Unit	Location ID	WP-B01	WP-B02	WP-B02	WP-B03	WP-B04	WP-B05	WP-B06
			Field Sample ID	WP-B01-S01-061512	WP-B02-S01-061512	WP-B02-S02-061512	WP-B03-S01-061512	WP-B04-S01-061512	WP-B05-S01-061512	WP-B06-S01-061512
			Sampling Date	6/15/2012	6/15/2012	6/15/2012	6/15/2012	6/15/2012	6/15/2012	6/15/2012
			Sampling Depth (feet bgs)	6-8	2-4	10-12	4-6	6-8	0-2	0-2
			Screening Criterion				Result			
SW8270	Benzo(k)fluoranthene	mg/kg	1.5	0.036 U	0.034 U	0.47 U	0.036 U	0.68 U	0.034 U	0.036 U
SW8270	Bis(2-chloroethoxy)methane	mg/kg	180	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.19 U
SW8270	Bis(2-chloroethyl)ether	mg/kg	0.21	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.19 U
SW8270	Bis(2-chloroisopropyl)ether	mg/kg	4.6	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.19 U
SW8270	Bis(2-ethylhexyl)phthalate	mg/kg	35	0.40 U	0.37 U	5.1 U	0.40 U	7.5 U	0.38 U	0.40 U
SW8270	Butyl benzyl phthalate	mg/kg	260	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.19 U
SW8270	Caprolactam	mg/kg	31000	0.40 U	0.37 U	5.1 U	0.40 U	7.5 U	0.38 U	0.40 U
SW8270	Carbazole	mg/kg	NA	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.19 U
SW8270	Chrysene	mg/kg	15	0.036 U	0.034 U	0.47 U	0.036 U	**0.93**	0.034 U	0.036 U
SW8270	Dibenzo(a,h)anthracene	mg/kg	0.015	0.036 U	0.034 U	0.47 U	0.036 U	0.68 U	0.034 U	0.036 U
SW8270	Dibenzofuran	mg/kg	78	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.19 U
SW8270	Diethyl phthalate	mg/kg	49000	0.40 U	0.37 U	5.1 U	0.40 U	7.5 U	0.38 U	0.40 U
SW8270	Dimethyl phthalate	mg/kg	NA	0.40 U	0.37 U	5.1 U	0.40 U	7.5 U	0.38 U	0.19 U
SW8270	Di-n-butyl phthalate	mg/kg	6100	0.40 U	0.37 U	5.1 U	0.40 U	7.5 U	0.38 U	0.40 U
SW8270	Di-n-octyl phthalate	mg/kg	NA	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.40 U
SW8270	Fluoranthene	mg/kg	2300	0.036 U	0.034 U	0.47 U	0.036 U	0.68 U	0.034 U	0.036 U
SW8270	Fluorene	mg/kg	2300	0.036 U	0.034 U	0.47 U	0.036 U	0.68 U	0.034 U	0.036 U
SW8270	Hexachloro-1,3-butadiene	mg/kg	6.2	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.19 U
SW8270	Hexachlorobenzene	mg/kg	NA	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.19 U
SW8270	Hexachlorocyclopentadiene	mg/kg	370	0.40 U	0.37 U	5.1 U	0.40 U	7.5 U	0.38 U	0.40 U
SW8270	Hexachloroethane	mg/kg	12	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.19 U
SW8270	Indeno(1,2,3-cd)pyrene	mg/kg	0.15	0.036 U	0.034 U	0.47 U	0.036 U	0.68 U	0.034 U	0.036 U
SW8270	Isophorone	mg/kg	510	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.19 U
SW8270	Naphthalene	mg/kg	3.6	0.036 U	0.034 U	0.47 U	0.0036 U	**2.9**	0.034 U	0.036 U
SW8270	Nitrobenene	mg/kg	4.8	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.19 U
SW8270	N-Nitrosodi-n-propylamine	mg/kg	0.069	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.19 U
SW8270	N-Nitrosodiphenylamine	mg/kg	99	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.19 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
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
SW8270	Pentachlorophenol	mg/kg	0.89	0.40 U	0.37 U	5.1 U	0.40 U	7.5 U	0.38 U	0.40 U
SW8270	Phenanthrene	mg/kg	NA	0.036 U	0.034 U	0.47 U	0.036 U	**2.4**	0.034 U	0.036 U
SW8270	Phenol	mg/kg	18000	0.19 U	0.18 U	2.5 U	0.19 U	3.6 U	0.18 U	0.19 U
SW8270	Pyrene	mg/kg	1700	0.036 U	0.034 U	0.47 U	0.036 U	0.68 U	0.034 U	0.036 U
	TAL Metals [1]									
SW6020A	Aluminum	mg/kg	77000	**14000**	**10000**	**10000**	**12000**	**18000**	**5300**	**10000**
SW6020A	Antimony	mg/kg	31	0.90 U	0.91 U	1.1 U	0.86 U	**18**	0.84 U	0.95 U
SW6020A	Arsenic	mg/kg	13.197 [2]	**9.7**	**8.2**	**5.4**	**8.9**	**13**	**6.9**	**7.2**
SW6020A	Barium	mg/kg	15000	**88**	**56**	**230**	**87**	**4000**	**45**	**55**
SW6020A	Beryllium	mg/kg	160	**0.55**	**0.43**	0.45 U	**0.48**	**0.77**	0.34 U	**0.41**
SW6020A	Boron	mg/kg	16000	**68**	**8.1**	**650**	**32**	**5700**	**37**	**13**
SW6020A	Cadmium	mg/kg	70	0.36 U	0.37 U	0.45 U	**0.34**	**2.7**	0.34 U	0.38 U
SW6020A	Calcium	mg/kg	NA	**14000**	**26000**	**42000**	**14000**	**20000**	**20000**	**41000**
SW6020A	Chromium	mg/kg	NA	**20**	**14**	**84**	**20**	**390**	**8.8**	**15**
SW6020A	Cobalt	mg/kg	23	**14**	**9.3**	**26**	**17**	**560**	**9.2**	**9.5**
SW6020A	Copper	mg/kg	3100	**19**	**17**	**21**	**18**	**95**	**14**	**29**
SW7196A	Chromium, Hexavalent	mg/kg	0.29	0.61 U	0.57 U	0.79 U	0.60 U	**1.2**	0.57 U	0.59 U
SW6020A	Iron	mg/kg	55000	**23000**	**21000**	**18000**	**25000**	**43000**	**14000**	**21000**
SW6020A	Lead	mg/kg	400	**14**	**11**	**22**	**15**	**210**	**8.3**	**13**
SW6020A	Magnesium	mg/kg	NA	**5200**	**5400**	**3900**	**4300**	**8600**	**4800**	**11000**
SW6020A	Manganese	mg/kg	1800	**350**	**310**	**370**	**400**	**1100**	**360**	**390**
SW7471	Mercury	mg/kg	10	**0.035**	**0.022**	**0.11**	**0.037**	**0.13**	**0.021**	**0.022**
SW6020A	Nickel	mg/kg	1500	**36**	**23**	**150**	**57**	**1600**	**23**	**24**
SW6020A	Potassium	mg/kg	NA	**1900**	**1400**	**1400**	**1400**	**6700**	**720**	**1700**
SW6020A	Selenium	mg/kg	390	**1.2**	**0.93**	1.1 U	**0.93**	1.7 U	0.84 U	**1.1**
SW6020A	Silver	mg/kg	390	0.90 U	0.91 U	1.1 U	0.86 U	**1.8**	0.84 U	0.95 U
SW6020A	Sodium	mg/kg	NA	**200**	**69**	**1700**	**97**	**10000**	**120**	**100**
SW6020A	Thallium	mg/kg	0.78	0.90 U	0.91 U	1.1 U	0.86 U	1.7 U	0.84 U	0.95 U
SW6020A	Vanadium	mg/kg	NA	**23**	**19**	**24**	**21**	**24**	**12**	**21**
SW6020A	Zinc	mg/kg	23000	**71**	**48**	**300**	**94**	**3300**	**55**	**55**
	Pesticides and Herbicides [1]									
SW8151	2,4,5-T	mg/kg	610	0.0061 U	0.0058 U	0.0076 U	0.0060 U	0.011 U	0.0055 U	0.0058 U
SW8151	2,4,5-TP (Silvex)	mg/kg	490	0.012 U	0.012 U	0.015 U	0.012 U	0.023 U	0.011 U	0.012 U
SW8151	2,4-D	mg/kg	690	0.0061 U	0.0058 U	0.0076 U	0.0060 U	0.011 U	0.0055 U	0.0058 U
SW8081	4,4-DDD	mg/kg	2	0.012 U	**0.016**	0.077 U	0.012 U	0.12 U	0.011 U	0.012 U
SW8081	4,4-DDE	mg/kg	1.4	0.012 U	**0.068**	0.077 U	0.012 U	0.12 U	0.011 U	0.012 U
SW8081	4,4-DDT	mg/kg	1.7	0.012 U	**0.042**	0.077 U	0.012 U	0.12 U	0.011 U	0.012 U
SW8081	Aldrin	mg/kg	0.029	0.012 U	0.011 U	0.077 U	0.012 U	0.12 U	0.011 U	0.012 U
SW8081	alpha-BHC	mg/kg	0.077	0.012 U	0.011 U	0.077 U	0.012 U	0.12 U	0.011 U	0.012 U
SW8081	alpha-Chlordane	mg/kg	NA	0.012 U	0.011 U	0.077 U	0.012 U	0.12 U	0.011 U	0.012 U
SW8081	beta-BHC	mg/kg	0.27	0.012 U	0.011 U	0.077 U	0.012 U	0.12 U	0.011 U	0.012 U
SW8081	Chlordane, Technical	mg/kg	NA	0.030 U	0.028 U	0.19 U	0.029 U	0.29 U	0.028 U	0.030 U
SW8081	delta-BHC	mg/kg	NA	0.012 U	0.011 U	0.077 U	0.012 U	0.12 U	0.011 U	0.012 U
SW8081	Dieldrin	mg/kg	0.03	0.012 U	0.011 U	0.077 U	0.012 U	0.12 U	0.011 U	0.012 U
SW8081	Endosulfan I	mg/kg	NA	0.012 U	0.011 U	0.077 U	0.012 U	0.12 U	0.011 U	0.012 U
SW8081	Endosulfan II	mg/kg	NA	0.012 U	0.011 U	0.077 U	0.012 U	0.12 U	0.011 U	0.012 U
SW8081	Endosulfan sulfate	mg/kg	NA	0.012 U	0.011 U	0.077 U	0.012 U	0.12 U	0.011 U	0.012 U
SW8081	Endrin	mg/kg	18	0.012 U	0.011 U	0.077 U	0.012 U	0.12 U	0.011 U	0.012 U
SW8081	Endrin aldehyde	mg/kg	NA	0.012 U	0.011 U	0.077 U	0.012 U	0.12 U	0.011 U	0.012 U
SW8081	Endrin ketone	mg/kg	NA	0.012 U	0.011 U	0.077 U	0.012 U	0.12 U	0.011 U	0.012 U
SW8081	gamma-BHC (Lindane)	mg/kg	0.52	0.012 U	0.011 U	0.077 U	0.012 U	0.12 U	0.011 U	0.012 U
SW8081	gamma-Chlordane	mg/kg	NA	0.012 U	0.011 U	0.077 U	0.012 U	0.12 U	0.011 U	0.012 U
SW8081	Heptachlor	mg/kg	0.11	0.012 U	0.011 U	0.077 U	0.012 U	0.12 U	0.011 U	0.012 U
SW8081	Heptachlor epoxide	mg/kg	0.053	0.012 U	0.011 U	0.077 U	0.012 U	0.12 U	0.011 U	0.012 U
SW8081	Methoxychlor	mg/kg	310	0.012 U	0.011 U	0.077 U	0.012 U	0.12 U	0.011 U	0.012 U
SW8081	Toxaphene	mg/kg	0.44	0.072 U	0.067 U	0.46 U	0.069 U	0.70 U	0.067 U	0.07 U
	PCBs [1 and 3]									
SW8082	Aroclor 1016	mg/kg	3.9	0.048 U	0.045 U	0.061 U	0.046 U	0.093 U	0.044 U	0.048 U
SW8082	Aroclor 1221	mg/kg	0.14	0.048 U	0.045 U	0.061 U	0.046 U	0.093 U	0.044 U	0.048 U
SW8082	Aroclor 1232	mg/kg	0.14	0.048 U	0.045 U	0.061 U	0.046 U	0.093 U	0.044 U	0.048 U
SW8082	Aroclor 1242	mg/kg	0.22	0.048 U	0.045 U	0.061 U	0.046 U	0.093 U	0.044 U	0.048 U
SW8082	Aroclor 1248	mg/kg	0.22	0.048 U	0.045 U	0.061 U	0.046 U	0.093 U	0.044 U	0.048 U
SW8082	Aroclor 1254	mg/kg	0.22[1] and 50[3]	**1.2**[1]	**0.25**[1]	**170**[1 and 3]	**1.8**[1]	**1200**[1 and 3]	**3.7**[1]	**2.8**[1]

TABLE 1
SUBSURFACE SOIL ANALYTICAL RESULTS
WHIRLPOOL PARK SITE
GREEN SPRINGS, SANDUSKY, OHIO

Analytical Method	Analytical Parameter	Unit	Screening Criterion	Location ID	WP-B01	WP-B02	WP-B02	WP-B03	WP-B04	WP-B05	WP-B06
				Field Sample ID	WP-B01-S01-061512	WP-B02-S01-061512	WP-B02-S02-061512	WP-B03-S01-061512	WP-B04-S01-061512	WP-B05-S01-061512	WP-B06-S01-061512
				Sampling Date	6/15/2012	6/15/2012	6/15/2012	6/15/2012	6/15/2012	6/15/2012	6/15/2012
				Sampling Depth (feet bgs)	6-8	2-4	10-12	4-6	6-8	0-2	0-2
								Result			
SW8082	Aroclor 1260	mg/kg	0.22		0.048 U	0.045 U	0.061 U	0.046 U	0.093 U	0.044 U	0.048 U
	TCLP VOCs, SVOCs, Pesticides, and Herbicides [4]										
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
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
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
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
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
SW8151	2,4,5-TP (Silvex), TCLP	mg/L	1		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
SW8151	2,4-D, TCLP	mg/L	10		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 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
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
SW8260	Benzene, TCLP	mg/L	0.5		0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
SW8260	Carbon tetrachloride, TCLP	mg/L	0.5		0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
SW8081	Chlordane, Technical, TCLP	mg/L	0.03		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 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
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
SW8081	Endrin, TCLP	mg/L	0.02		0.0005 U	0.0005 U	0.00050 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
SW8081	gamma-BHC (Lindane), TCLP	mg/L	0.4		0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U
SW8081	Heptachlor, TCLP	mg/L	0.008		0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 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
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
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
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
SW8081	Methoxychlor, TCLP	mg/L	10		0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 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
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
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
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
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
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
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
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
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
	TCLP Metals [3]										
SW6020A	Arsenic, TCLP	mg/L	5		0.010 U	0.010 U	0.010 U	**0.011**	**0.023**	0.010 U	0.010 U
SW6020A	Barium, TCLP	mg/L	100		**1.0**	**1.1**	**0.64**	**0.58**	**1.2**	**0.62**	**0.73**
SW6020A	Cadmium, TCLP	mg/L	1		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	**0.0022**	**0.0054**
SW6020A	Chromium, TCLP	mg/L	5		0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
SW6020A	Lead, 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
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
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
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

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
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
UJ = Not detected at indicated method detection limit, which is considered estimated
U.S. EPA = United States Environmental Protection Agency

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 U.S. EPA requirements for PCB spill cleanup (40 CFR 761.125).

4 Screening criteria are from 40 CFR 261.20, Table 1 – Maximum Concentration of Contaminants for the Toxicity Characteristic.

APPENDIX A
PHOTOGRAPHIC DOCUMENTATION

Site: Whirlpool Park
Photograph No.: 1 **Date:** 5/31/12
Direction: South **Photographer:** TJ McFarland
Subject: Area where suspected wastewater treatment lagoon waste was used as fill material

Site: Whirlpool Park
Photograph No.: 2 **Date:** 6/15/12
Direction: Northeast **Photographer:** Ryan Green
Subject: Geoprobe soil boring on west side of basketball court (WP-B04)

Site: Whirlpool Park
Photograph No.: 3 **Date:** 6/15/12
Direction: Not applicable (NA) **Photographer:** Ryan Green
Subject: Soil boring WP-B01 showing black sludge layer with petroleum odor from 4 to 6.5 feet bgs

Site: Whirlpool Park
Photograph No.: 4 **Date:** 6/15/12
Direction: **Photographer:** Ryan Green
Subject: Soil boring WP-B01 showing black sludge layer with petroleum odor from 4 to 6.5 feet bgs

APPENDIX B
BORING LOGS

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

Job Name	East Sandusky S.A.	**Boring No.**	**WP-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**	Whirlpool Park		
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
				TS	TOPSOIL - yellow brown silt, grass, roots, dry. 0.5'	
2		36		CL	CLAY/SILT - Brown clay and silt. Material is dry and soft.	5.7
4					4'	5.1
6		18		FILL	SLUDGE? 6.5'	N/A
8	WP-B01-S01-061512 1108 hours			CL	CLAY - Blackish green clay with some silt. Material is moist, soft.	5.1
10		41		CL	CLAY - Yellowish brown clay with some silt, stiff to hard (native till).	4
12					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.**	WP-B02	**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**	Whirlpool Park		
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				TS	TOPSOIL - yellow brown silt, grass, roots, dry. 0.5'	
2				FILL	Fill - Mottled gray and black paint sludge. Material is moist and very soft, with a tar/petroleum odor.	16
4	WP-B02-S01-061512 1005 hours	9				N/A
6		21				25
8						24
10		25			10'	N/A
12	WP-B02-S02-061512 0955 hours			SM	Silt/Sand - Mottled gray and black silt with some sand, trace black wood pieces, petroleum tar/petroleum odor. Material is soft and moist. 10.5'	28
				CH	Clay - Mottled gray clay with little silt. Material is moist, soft with trace odor. 12'	
14		48		CL	Clay - Mottled brown & orange clay with some silt, trace gravel. Material is hard and dry (native till deposit).	2.3
16						4.4
18					Boring terminated @ 16.0 ft.	

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.**	**WP-B03**	**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**	Whirlpool Park		
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
				TS	TOPSOIL - yellow brown silt, grass, roots, dry. 0.5'	
2		17		CL	CLAY - Brown clay with some silt. Material is dry and stiff to hard.	0.7
4					4'	N/A
6	WP-B03-S01-061512 1020 hours	38		CL	CLAY - Mottled green & gray clay with little silt, trace gravel/black wood. Material is hard and moist. 7'	1.4
8					Clay - Mottled brown & orange clay with some silt, trace gravel. Material is hard and dry (native till deposit).	1.4
10		48		CL		0
12					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.**	**WP-B04**	**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**	Whirlpool Park		
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
				TS	TOPSOIL - yellow brown silt, grass, roots, dry. 0.5'	
2		34		CL	CLAY - Yellowish brown clay with some silt. Material is dry and soft.	2.1
4					4'	7.6
6		48		FILL	SLUDGE - Mottled gray and black paint sludge. Material is very soft and moist. 6'	4.1
8	WP-B04-S01-061512 1044 hours				CLAY - Blackish green clay with little silt. Material is moist, soft to stiff (Native till).	45
10		36		CL	Note: At 9.5', material changed color to brown, stiff to hard.	7.3
12					12'	5.1
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.**	**WP-B05**	**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**	8.0 (ft bgs)		
Drill Foreman	Rick Tosatto	**Location**	Whirlpool Park		
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	WP-B05-S01-061512					
	WP-B05-S01-061512-DP			SP	SAND - Orangish brown finegrained sand, trace silt. Material is stiff and moist. 1.5'	3.6
2	1132 hours			ML	SILT - Orange silt, moist, stiff. 2.0'	
		27		CL	CLAY - Gray clay, hard, moist (till).	N/A
4						
						4.2
6		48				
						2.9
8					8'	
					Boring terminated @ 8.0 ft.	
10						
12						
14						
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.**	**WP-B06**	**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**	8.0 (ft bgs)		
Drill Foreman	Rick Tosatto			**Location**	Whirlpool Park		
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	WP-B06-S01-061512			SP	SAND - Orangish brown finegrained sand. Material is stiff, moist	2.5
	WP-B06-S01-061512-MS				1.5'	
2	1156 hours			ML	SILT - Orange silt, moist, stiff. 2.0'	
		40		CL	CLAY - Gray clay, hard, moist (till).	0
4						
						1.7
6		48				
						2.9
8					8'	
					Boring terminated @ 8.0 ft.	
10						
12						
14						
16						
18						

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

APPENDIX C
ANALYTICAL DATA VALIDATION REPORT

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.

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Eastern Sandusky County Dumps Site
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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
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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.

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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: WP-B01-S01-061512
Lab ID: 1206641-01
Collection Date: 06/15/12 11:08 AM
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		0.0061	mg/Kg-dry	1	06/22/12 09:12 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	06/22/12 09:12 PM
2,4-D	ND		0.0061	mg/Kg-dry	1	06/22/12 09:12 PM
Surr: DCAA	*97.2*		*30-150*	*%REC*	1	06/22/12 09:12 PM
PCBS			**SW8082**		Prep Date: **06/21/12**	Analyst: **JD**
Aroclor 1016	ND		0.048	mg/Kg-dry	1	06/25/12 04:06 PM
Aroclor 1221	ND		0.048	mg/Kg-dry	1	06/25/12 04:06 PM
Aroclor 1232	ND		0.048	mg/Kg-dry	1	06/25/12 04:06 PM
Aroclor 1242	ND		0.048	mg/Kg-dry	1	06/25/12 04:06 PM
Aroclor 1248	ND		0.048	mg/Kg-dry	1	06/25/12 04:06 PM
Aroclor 1254	**1.2**		**0.048**	**mg/Kg-dry**	1	06/25/12 04:06 PM
Aroclor 1260	ND		0.048	mg/Kg-dry	1	06/25/12 04:06 PM
Surr: Decachlorobiphenyl	*107*		*40-140*	*%REC*	1	06/25/12 04:06 PM
PESTICIDES			**SW8081**		Prep Date: **06/21/12**	Analyst: **JD**
4,4'-DDD	ND		0.012	mg/Kg-dry	1	06/26/12 01:55 AM
4,4'-DDE	ND		0.012	mg/Kg-dry	1	06/26/12 01:55 AM
4,4'-DDT	ND		0.012	mg/Kg-dry	1	06/26/12 01:55 AM
Aldrin	ND		0.012	mg/Kg-dry	1	06/26/12 01:55 AM
alpha-BHC	ND		0.012	mg/Kg-dry	1	06/26/12 01:55 AM
alpha-Chlordane	ND		0.012	mg/Kg-dry	1	06/26/12 01:55 AM
beta-BHC	ND		0.012	mg/Kg-dry	1	06/26/12 01:55 AM
Chlordane, Technical	ND		0.030	mg/Kg-dry	1	06/26/12 01:55 AM
delta-BHC	ND		0.012	mg/Kg-dry	1	06/26/12 01:55 AM
Dieldrin	ND		0.012	mg/Kg-dry	1	06/26/12 01:55 AM
Endosulfan I	ND		0.012	mg/Kg-dry	1	06/26/12 01:55 AM
Endosulfan II	ND		0.012	mg/Kg-dry	1	06/26/12 01:55 AM
Endosulfan sulfate	ND		0.012	mg/Kg-dry	1	06/26/12 01:55 AM
Endrin	ND		0.012	mg/Kg-dry	1	06/26/12 01:55 AM
Endrin aldehyde	ND		0.012	mg/Kg-dry	1	06/26/12 01:55 AM
Endrin ketone	ND		0.012	mg/Kg-dry	1	06/26/12 01:55 AM
gamma-BHC (Lindane)	ND		0.012	mg/Kg-dry	1	06/26/12 01:55 AM
gamma-Chlordane	ND		0.012	mg/Kg-dry	1	06/26/12 01:55 AM
Heptachlor	ND		0.012	mg/Kg-dry	1	06/26/12 01:55 AM
Heptachlor epoxide	ND		0.012	mg/Kg-dry	1	06/26/12 01:55 AM
Methoxychlor	ND		0.012	mg/Kg-dry	1	06/26/12 01:55 AM
Toxaphene	ND		0.072	mg/Kg-dry	1	06/26/12 01:55 AM
Surr: Decachlorobiphenyl	*67.1*		*45-135*	*%REC*	1	06/26/12 01:55 AM
Surr: Tetrachloro-m-xylene	*102*		*45-124*	*%REC*	1	06/26/12 01:55 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: WP-B01-S01-061512
Lab ID: 1206641-01
Collection Date: 06/15/12 11:08 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **06/22/12**	Analyst: **LR**
Mercury	**0.035**		**0.020**	**mg/Kg-dry**	1	06/25/12 03:22 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **06/21/12**	Analyst: **ML**
Aluminum	**14,000**		**3.6**	**mg/Kg-dry**	4	06/26/12 04:59 PM
Antimony	ND		0.90	mg/Kg-dry	2	06/23/12 02:15 AM
Arsenic	**9.7**		**0.90**	**mg/Kg-dry**	2	06/23/12 02:15 AM
Barium	**88**		**0.90**	**mg/Kg-dry**	2	06/23/12 02:15 AM
Beryllium	**0.55**		**0.36**	**mg/Kg-dry**	2	06/23/12 02:15 AM
Boron	**68**		**7.2**	**mg/Kg-dry**	4	06/25/12 07:40 PM
Cadmium	ND		0.36	mg/Kg-dry	2	06/23/12 02:15 AM
Calcium	**14,000**		**90**	**mg/Kg-dry**	2	06/23/12 02:15 AM
Chromium	**20**		**0.90**	**mg/Kg-dry**	2	06/23/12 02:15 AM
Cobalt	**14**		**0.90**	**mg/Kg-dry**	2	06/23/12 02:15 AM
Copper	**19**		**0.90**	**mg/Kg-dry**	2	06/23/12 02:15 AM
Iron	**23,000**		**14**	**mg/Kg-dry**	2	06/23/12 02:15 AM
Lead	**14**		**0.90**	**mg/Kg-dry**	2	06/23/12 02:15 AM
Magnesium	**5,200**		**36**	**mg/Kg-dry**	2	06/23/12 02:15 AM
Manganese	**350**		**1.8**	**mg/Kg-dry**	4	06/25/12 07:40 PM
Nickel	**36**		**0.90**	**mg/Kg-dry**	2	06/23/12 02:15 AM
Potassium	**1,900**		**36**	**mg/Kg-dry**	2	06/23/12 02:15 AM
Selenium	**1.2**		**0.90**	**mg/Kg-dry**	2	06/23/12 02:15 AM
Silver	ND		0.90	mg/Kg-dry	2	06/23/12 02:15 AM
Sodium	**200**		**36**	**mg/Kg-dry**	2	06/23/12 02:15 AM
Thallium	ND		0.90	mg/Kg-dry	2	06/23/12 02:15 AM
Vanadium	**23**		**0.90**	**mg/Kg-dry**	2	06/23/12 02:15 AM
Zinc	**71**		**1.8**	**mg/Kg-dry**	2	06/23/12 02:15 AM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **06/21/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.40	mg/Kg-dry	1	06/24/12 10:14 PM
2,4,5-Trichlorophenol	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
2,4,6-Trichlorophenol	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
2,4-Dichlorophenol	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
2,4-Dimethylphenol	ND	UJ	0.40	mg/Kg-dry	1	06/24/12 10:14 PM
2,4-Dinitrophenol	ND		0.80	mg/Kg-dry	1	06/24/12 10:14 PM
2,4-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
2,6-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
2-Chloronaphthalene	ND		0.097	mg/Kg-dry	1	06/24/12 10:14 PM
2-Chlorophenol	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
2-Methylnaphthalene	ND		0.097	mg/Kg-dry	1	06/24/12 10:14 PM
2-Methylphenol	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM

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

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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: WP-B01-S01-061512
Lab ID: 1206641-01
Collection Date: 06/15/12 11:08 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.80	mg/Kg-dry	1	06/24/12 10:14 PM
2-Nitrophenol	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
3,3'-Dichlorobenzidine	ND		0.80	mg/Kg-dry	1	06/24/12 10:14 PM
3-Nitroaniline	ND		0.80	mg/Kg-dry	1	06/24/12 10:14 PM
4,6-Dinitro-2-methylphenol	ND		0.40	mg/Kg-dry	1	06/24/12 10:14 PM
4-Bromophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
4-Chloro-3-methylphenol	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
4-Chloroaniline	ND		0.80	mg/Kg-dry	1	06/24/12 10:14 PM
4-Chlorophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
4-Methylphenol	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
4-Nitroaniline	ND		0.80	mg/Kg-dry	1	06/24/12 10:14 PM
4-Nitrophenol	ND		0.80	mg/Kg-dry	1	06/24/12 10:14 PM
Acenaphthene	ND		0.036	mg/Kg-dry	1	06/24/12 10:14 PM
Acenaphthylene	ND		0.036	mg/Kg-dry	1	06/24/12 10:14 PM
Acetophenone	ND		0.40	mg/Kg-dry	1	06/24/12 10:14 PM
Anthracene	ND		0.036	mg/Kg-dry	1	06/24/12 10:14 PM
Atrazine	ND		0.40	mg/Kg-dry	1	06/24/12 10:14 PM
Benzaldehyde	ND		0.40	mg/Kg-dry	1	06/24/12 10:14 PM
Benzo(a)anthracene	ND		0.036	mg/Kg-dry	1	06/24/12 10:14 PM
Benzo(a)pyrene	ND		0.036	mg/Kg-dry	1	06/24/12 10:14 PM
Benzo(b)fluoranthene	ND		0.036	mg/Kg-dry	1	06/24/12 10:14 PM
Benzo(g,h,i)perylene	ND		0.036	mg/Kg-dry	1	06/24/12 10:14 PM
Benzo(k)fluoranthene	ND		0.036	mg/Kg-dry	1	06/24/12 10:14 PM
Bis(2-chloroethoxy)methane	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
Bis(2-chloroethyl)ether	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
Bis(2-chloroisopropyl)ether	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
Bis(2-ethylhexyl)phthalate	ND		0.40	mg/Kg-dry	1	06/24/12 10:14 PM
Butyl benzyl phthalate	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
Caprolactam	ND		0.40	mg/Kg-dry	1	06/24/12 10:14 PM
Carbazole	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
Chrysene	ND		0.036	mg/Kg-dry	1	06/24/12 10:14 PM
Dibenzo(a,h)anthracene	ND		0.036	mg/Kg-dry	1	06/24/12 10:14 PM
Dibenzofuran	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
Diethyl phthalate	ND		0.40	mg/Kg-dry	1	06/24/12 10:14 PM
Dimethyl phthalate	ND		0.40	mg/Kg-dry	1	06/24/12 10:14 PM
Di-n-butyl phthalate	ND		0.40	mg/Kg-dry	1	06/24/12 10:14 PM
Di-n-octyl phthalate	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
Fluoranthene	ND		0.036	mg/Kg-dry	1	06/24/12 10:14 PM
Fluorene	ND		0.036	mg/Kg-dry	1	06/24/12 10:14 PM
Hexachlorobenzene	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 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: WP-B01-S01-061512
Lab ID: 1206641-01
Collection Date: 06/15/12 11:08 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
Hexachlorocyclopentadiene	ND		0.40	mg/Kg-dry	1	06/24/12 10:14 PM
Hexachloroethane	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
Indeno(1,2,3-cd)pyrene	ND		0.036	mg/Kg-dry	1	06/24/12 10:14 PM
Isophorone	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
Naphthalene	ND		0.036	mg/Kg-dry	1	06/24/12 10:14 PM
Nitrobenzene	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
N-Nitrosodi-n-propylamine	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
N-Nitrosodiphenylamine	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
Pentachlorophenol	ND		0.40	mg/Kg-dry	1	06/24/12 10:14 PM
Phenanthrene	ND		0.036	mg/Kg-dry	1	06/24/12 10:14 PM
Phenol	ND		0.19	mg/Kg-dry	1	06/24/12 10:14 PM
Pyrene	ND		0.036	mg/Kg-dry	1	06/24/12 10:14 PM
Surr: 2,4,6-Tribromophenol	*69.9*		*34-140*	*%REC*	1	06/24/12 10:14 PM
Surr: 2-Fluorobiphenyl	*57.0*		*12-100*	*%REC*	1	06/24/12 10:14 PM
Surr: 2-Fluorophenol	*58.2*		*33-117*	*%REC*	1	06/24/12 10:14 PM
Surr: 4-Terphenyl-d14	*93.4*		*25-137*	*%REC*	1	06/24/12 10:14 PM
Surr: Nitrobenzene-d5	*53.7*		*37-107*	*%REC*	1	06/24/12 10:14 PM
Surr: Phenol-d6	*58.9*		*40-106*	*%REC*	1	06/24/12 10:14 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**		Prep Date: **06/20/12**	Analyst: **BG**
1,1,1-Trichloroethane	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
1,1,2,2-Tetrachloroethane	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
1,1,2-Trichloroethane	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
1,1,2-Trichlorotrifluoroethane	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
1,1-Dichloroethane	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
1,1-Dichloroethene	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
1,2,4-Trichlorobenzene	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
1,2-Dibromo-3-chloropropane	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
1,2-Dibromoethane	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
1,2-Dichlorobenzene	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
1,2-Dichloroethane	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
1,2-Dichloropropane	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
1,3-Dichlorobenzene	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
1,4-Dichlorobenzene	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
2-Butanone	ND		0.25	mg/Kg-dry	1	06/26/12 03:56 AM
2-Hexanone	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
4-Methyl-2-pentanone	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
Acetone	ND		0.12	mg/Kg-dry	1	06/26/12 03:56 AM
Benzene	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
Bromodichloromethane	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 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: WP-B01-S01-061512
Lab ID: 1206641-01
Collection Date: 06/15/12 11:08 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
Bromomethane	ND		0.093	mg/Kg-dry	1	06/26/12 03:56 AM
Carbon disulfide	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
Carbon tetrachloride	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
Chlorobenzene	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
Chloroethane	ND		0.12	mg/Kg-dry	1	06/26/12 03:56 AM
Chloroform	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
Chloromethane	ND		0.12	mg/Kg-dry	1	06/26/12 03:56 AM
cis-1,2-Dichloroethene	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
cis-1,3-Dichloropropene	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
Cyclohexane	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
Dibromochloromethane	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
Dichlorodifluoromethane	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
Ethylbenzene	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
Isopropylbenzene	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
Methyl acetate	ND		0.25	mg/Kg-dry	1	06/26/12 03:56 AM
Methyl tert-butyl ether	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
Methylcyclohexane	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
Methylene chloride	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
Styrene	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
Tetrachloroethene	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
Toluene	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
trans-1,2-Dichloroethene	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
trans-1,3-Dichloropropene	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
Trichloroethene	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
Trichlorofluoromethane	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
Vinyl chloride	ND		0.037	mg/Kg-dry	1	06/26/12 03:56 AM
Xylenes, Total	ND		0.11	mg/Kg-dry	1	06/26/12 03:56 AM
Surr: 1,2-Dichloroethane-d4	*106*		*70-130*	*%REC*	1	06/26/12 03:56 AM
Surr: 4-Bromofluorobenzene	*99.5*		*70-130*	*%REC*	1	06/26/12 03:56 AM
Surr: Dibromofluoromethane	*94.7*		*70-130*	*%REC*	1	06/26/12 03:56 AM
Surr: Toluene-d8	*98.8*		*70-130*	*%REC*	1	06/26/12 03:56 AM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **06/25/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.61	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	**19**		**0.050**	**% of sample**	1	06/20/12 02:27 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: WP-B01-S01-061512
Lab ID: 1206641-01
Collection Date: 06/15/12 11:08 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			**SW9045D**			Analyst: **JJG**
pH	**7.50**			**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: WP-B02-S01-061512
Lab ID: 1206641-02
Collection Date: 06/15/12 10:05 AM
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		0.0058	mg/Kg-dry	1	06/22/12 09:21 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	06/22/12 09:21 PM
2,4-D	ND		0.0058	mg/Kg-dry	1	06/22/12 09:21 PM
Surr: DCAA	*99.6*		*30-150*	*%REC*	1	06/22/12 09:21 PM
PCBS			**SW8082**		Prep Date: **06/21/12**	Analyst: **JD**
Aroclor 1016	ND		0.045	mg/Kg-dry	1	06/25/12 04:25 PM
Aroclor 1221	ND		0.045	mg/Kg-dry	1	06/25/12 04:25 PM
Aroclor 1232	ND		0.045	mg/Kg-dry	1	06/25/12 04:25 PM
Aroclor 1242	ND		0.045	mg/Kg-dry	1	06/25/12 04:25 PM
Aroclor 1248	ND		0.045	mg/Kg-dry	1	06/25/12 04:25 PM
Aroclor 1254	**0.25**		**0.045**	**mg/Kg-dry**	1	06/25/12 04:25 PM
Aroclor 1260	ND		0.045	mg/Kg-dry	1	06/25/12 04:25 PM
Surr: Decachlorobiphenyl	*101*		*40-140*	*%REC*	1	06/25/12 04:25 PM
PESTICIDES			**SW8081**		Prep Date: **06/21/12**	Analyst: **JD**
4,4'-DDD	**0.016**		**0.011**	**mg/Kg-dry**	1	06/26/12 02:10 AM
4,4'-DDE	**0.068**		**0.011**	**mg/Kg-dry**	1	06/26/12 02:10 AM
4,4'-DDT	**0.042**		**0.011**	**mg/Kg-dry**	1	06/26/12 02:10 AM
Aldrin	ND		0.011	mg/Kg-dry	1	06/26/12 02:10 AM
alpha-BHC	ND		0.011	mg/Kg-dry	1	06/26/12 02:10 AM
alpha-Chlordane	ND		0.011	mg/Kg-dry	1	06/26/12 02:10 AM
beta-BHC	ND		0.011	mg/Kg-dry	1	06/26/12 02:10 AM
Chlordane, Technical	ND		0.028	mg/Kg-dry	1	06/26/12 02:10 AM
delta-BHC	ND		0.011	mg/Kg-dry	1	06/26/12 02:10 AM
Dieldrin	ND		0.011	mg/Kg-dry	1	06/26/12 02:10 AM
Endosulfan I	ND		0.011	mg/Kg-dry	1	06/26/12 02:10 AM
Endosulfan II	ND		0.011	mg/Kg-dry	1	06/26/12 02:10 AM
Endosulfan sulfate	ND		0.011	mg/Kg-dry	1	06/26/12 02:10 AM
Endrin	ND		0.011	mg/Kg-dry	1	06/26/12 02:10 AM
Endrin aldehyde	ND		0.011	mg/Kg-dry	1	06/26/12 02:10 AM
Endrin ketone	ND		0.011	mg/Kg-dry	1	06/26/12 02:10 AM
gamma-BHC (Lindane)	ND		0.011	mg/Kg-dry	1	06/26/12 02:10 AM
gamma-Chlordane	ND		0.011	mg/Kg-dry	1	06/26/12 02:10 AM
Heptachlor	ND		0.011	mg/Kg-dry	1	06/26/12 02:10 AM
Heptachlor epoxide	ND		0.011	mg/Kg-dry	1	06/26/12 02:10 AM
Methoxychlor	ND		0.011	mg/Kg-dry	1	06/26/12 02:10 AM
Toxaphene	ND		0.067	mg/Kg-dry	1	06/26/12 02:10 AM
Surr: Decachlorobiphenyl	*93.1*		*45-135*	*%REC*	1	06/26/12 02:10 AM
Surr: Tetrachloro-m-xylene	*79.1*		*45-124*	*%REC*	1	06/26/12 02:10 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: WP-B02-S01-061512
Lab ID: 1206641-02
Collection Date: 06/15/12 10:05 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **06/22/12**	Analyst: **LR**
Mercury	**0.022**		**0.019**	**mg/Kg-dry**	1	06/25/12 03:24 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **06/21/12**	Analyst: **ML**
Aluminum	**10,000**		**3.7**	**mg/Kg-dry**	4	06/26/12 05:07 PM
Antimony	ND		0.91	mg/Kg-dry	2	06/23/12 02:21 AM
Arsenic	**8.2**		**0.91**	**mg/Kg-dry**	2	06/23/12 02:21 AM
Barium	**56**		**0.91**	**mg/Kg-dry**	2	06/23/12 02:21 AM
Beryllium	**0.43**		**0.37**	**mg/Kg-dry**	2	06/23/12 02:21 AM
Boron	**8.1**		**7.3**	**mg/Kg-dry**	4	06/25/12 07:46 PM
Cadmium	ND		0.37	mg/Kg-dry	2	06/23/12 02:21 AM
Calcium	**26,000**		**91**	**mg/Kg-dry**	2	06/23/12 02:21 AM
Chromium	**14**		**0.91**	**mg/Kg-dry**	2	06/23/12 02:21 AM
Cobalt	**9.3**		**0.91**	**mg/Kg-dry**	2	06/23/12 02:21 AM
Copper	**17**		**0.91**	**mg/Kg-dry**	2	06/23/12 02:21 AM
Iron	**21,000**		**15**	**mg/Kg-dry**	2	06/23/12 02:21 AM
Lead	**11**		**0.91**	**mg/Kg-dry**	2	06/23/12 02:21 AM
Magnesium	**5,400**		**37**	**mg/Kg-dry**	2	06/23/12 02:21 AM
Manganese	**310**		**0.91**	**mg/Kg-dry**	2	06/23/12 02:21 AM
Nickel	**23**		**0.91**	**mg/Kg-dry**	2	06/23/12 02:21 AM
Potassium	**1,400**		**37**	**mg/Kg-dry**	2	06/23/12 02:21 AM
Selenium	**0.93**		**0.91**	**mg/Kg-dry**	2	06/23/12 02:21 AM
Silver	ND		0.91	mg/Kg-dry	2	06/23/12 02:21 AM
Sodium	**69**		**37**	**mg/Kg-dry**	2	06/23/12 02:21 AM
Thallium	ND		0.91	mg/Kg-dry	2	06/23/12 02:21 AM
Vanadium	**19**		**0.91**	**mg/Kg-dry**	2	06/23/12 02:21 AM
Zinc	**48**		**1.8**	**mg/Kg-dry**	2	06/23/12 02:21 AM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **06/21/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.37	mg/Kg-dry	1	06/24/12 10:43 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
2,4-Dimethylphenol	ND	UJ	0.37	mg/Kg-dry	1	06/24/12 10:43 PM
2,4-Dinitrophenol	ND		0.74	mg/Kg-dry	1	06/24/12 10:43 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
2-Chloronaphthalene	ND		0.090	mg/Kg-dry	1	06/24/12 10:43 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
2-Methylnaphthalene	ND		0.090	mg/Kg-dry	1	06/24/12 10:43 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 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: WP-B02-S01-061512
Lab ID: 1206641-02
Collection Date: 06/15/12 10:05 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.74	mg/Kg-dry	1	06/24/12 10:43 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
3,3'-Dichlorobenzidine	ND		0.74	mg/Kg-dry	1	06/24/12 10:43 PM
3-Nitroaniline	ND		0.74	mg/Kg-dry	1	06/24/12 10:43 PM
4,6-Dinitro-2-methylphenol	ND		0.37	mg/Kg-dry	1	06/24/12 10:43 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
4-Chloroaniline	ND		0.74	mg/Kg-dry	1	06/24/12 10:43 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
4-Nitroaniline	ND		0.74	mg/Kg-dry	1	06/24/12 10:43 PM
4-Nitrophenol	ND		0.74	mg/Kg-dry	1	06/24/12 10:43 PM
Acenaphthene	ND		0.034	mg/Kg-dry	1	06/24/12 10:43 PM
Acenaphthylene	ND		0.034	mg/Kg-dry	1	06/24/12 10:43 PM
Acetophenone	ND		0.37	mg/Kg-dry	1	06/24/12 10:43 PM
Anthracene	ND		0.034	mg/Kg-dry	1	06/24/12 10:43 PM
Atrazine	ND		0.37	mg/Kg-dry	1	06/24/12 10:43 PM
Benzaldehyde	ND		0.37	mg/Kg-dry	1	06/24/12 10:43 PM
Benzo(a)anthracene	ND		0.034	mg/Kg-dry	1	06/24/12 10:43 PM
Benzo(a)pyrene	ND		0.034	mg/Kg-dry	1	06/24/12 10:43 PM
Benzo(b)fluoranthene	ND		0.034	mg/Kg-dry	1	06/24/12 10:43 PM
Benzo(g,h,i)perylene	ND		0.034	mg/Kg-dry	1	06/24/12 10:43 PM
Benzo(k)fluoranthene	ND		0.034	mg/Kg-dry	1	06/24/12 10:43 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
Bis(2-ethylhexyl)phthalate	ND		0.37	mg/Kg-dry	1	06/24/12 10:43 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
Caprolactam	ND		0.37	mg/Kg-dry	1	06/24/12 10:43 PM
Carbazole	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
Chrysene	ND		0.034	mg/Kg-dry	1	06/24/12 10:43 PM
Dibenzo(a,h)anthracene	ND		0.034	mg/Kg-dry	1	06/24/12 10:43 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
Diethyl phthalate	ND		0.37	mg/Kg-dry	1	06/24/12 10:43 PM
Dimethyl phthalate	ND		0.37	mg/Kg-dry	1	06/24/12 10:43 PM
Di-n-butyl phthalate	ND		0.37	mg/Kg-dry	1	06/24/12 10:43 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
Fluoranthene	ND		0.034	mg/Kg-dry	1	06/24/12 10:43 PM
Fluorene	ND		0.034	mg/Kg-dry	1	06/24/12 10:43 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 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: WP-B02-S01-061512
Lab ID: 1206641-02
Collection Date: 06/15/12 10:05 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
Hexachlorocyclopentadiene	ND		0.37	mg/Kg-dry	1	06/24/12 10:43 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
Indeno(1,2,3-cd)pyrene	ND		0.034	mg/Kg-dry	1	06/24/12 10:43 PM
Isophorone	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
Naphthalene	ND		0.034	mg/Kg-dry	1	06/24/12 10:43 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
Pentachlorophenol	ND		0.37	mg/Kg-dry	1	06/24/12 10:43 PM
Phenanthrene	ND		0.034	mg/Kg-dry	1	06/24/12 10:43 PM
Phenol	ND		0.18	mg/Kg-dry	1	06/24/12 10:43 PM
Pyrene	ND		0.034	mg/Kg-dry	1	06/24/12 10:43 PM
Surr: 2,4,6-Tribromophenol	*65.7*		*34-140*	*%REC*	1	06/24/12 10:43 PM
Surr: 2-Fluorobiphenyl	*67.4*		*12-100*	*%REC*	1	06/24/12 10:43 PM
Surr: 2-Fluorophenol	*74.8*		*33-117*	*%REC*	1	06/24/12 10:43 PM
Surr: 4-Terphenyl-d14	*111*		*25-137*	*%REC*	1	06/24/12 10:43 PM
Surr: Nitrobenzene-d5	*70.2*		*37-107*	*%REC*	1	06/24/12 10:43 PM
Surr: Phenol-d6	*72.4*		*40-106*	*%REC*	1	06/24/12 10:43 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**		Prep Date: **06/20/12**	Analyst: **BG**
1,1,1-Trichloroethane	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
1,1,2,2-Tetrachloroethane	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
1,1,2-Trichloroethane	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
1,1,2-Trichlorotrifluoroethane	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
1,1-Dichloroethane	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
1,1-Dichloroethene	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
1,2,4-Trichlorobenzene	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
1,2-Dibromo-3-chloropropane	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
1,2-Dibromoethane	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
1,2-Dichlorobenzene	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
1,2-Dichloroethane	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
1,2-Dichloropropane	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
1,3-Dichlorobenzene	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
1,4-Dichlorobenzene	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
2-Butanone	ND		0.36	mg/Kg-dry	1	06/26/12 04:23 AM
2-Hexanone	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
4-Methyl-2-pentanone	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
Acetone	ND		0.18	mg/Kg-dry	1	06/26/12 04:23 AM
Benzene	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
Bromodichloromethane	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 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: WP-B02-S01-061512
Lab ID: 1206641-02
Collection Date: 06/15/12 10:05 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
Bromomethane	ND		0.14	mg/Kg-dry	1	06/26/12 04:23 AM
Carbon disulfide	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
Carbon tetrachloride	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
Chlorobenzene	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
Chloroethane	ND		0.18	mg/Kg-dry	1	06/26/12 04:23 AM
Chloroform	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
Chloromethane	ND		0.18	mg/Kg-dry	1	06/26/12 04:23 AM
cis-1,2-Dichloroethene	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
cis-1,3-Dichloropropene	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
Cyclohexane	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
Dibromochloromethane	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
Dichlorodifluoromethane	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
Ethylbenzene	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
Isopropylbenzene	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
Methyl acetate	**0.65**	J	**0.36**	**mg/Kg-dry**	1	06/26/12 04:23 AM
Methyl tert-butyl ether	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
Methylcyclohexane	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
Methylene chloride	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
Styrene	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
Tetrachloroethene	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
Toluene	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
trans-1,2-Dichloroethene	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
trans-1,3-Dichloropropene	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
Trichloroethene	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
Trichlorofluoromethane	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
Vinyl chloride	ND		0.055	mg/Kg-dry	1	06/26/12 04:23 AM
Xylenes, Total	ND		0.16	mg/Kg-dry	1	06/26/12 04:23 AM
Surr: 1,2-Dichloroethane-d4	*107*		*70-130*	*%REC*	1	06/26/12 04:23 AM
Surr: 4-Bromofluorobenzene	*99.5*		*70-130*	*%REC*	1	06/26/12 04:23 AM
Surr: Dibromofluoromethane	*94.5*		*70-130*	*%REC*	1	06/26/12 04:23 AM
Surr: Toluene-d8	*98.5*		*70-130*	*%REC*	1	06/26/12 04:23 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	**14**		**0.050**	**% of sample**	1	06/20/12 02:27 PM

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

LD
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
Sample ID: WP-B02-S01-061512
Collection Date: 06/15/12 10:05 AM

Work Order: 1206641
Lab ID: 1206641-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			**SW9045D**			Analyst: **JJG**
pH	**7.99**			**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: WP-B02-S02-061512
Lab ID: 1206641-03
Collection Date: 06/15/12 09:55 AM
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		0.0076	mg/Kg-dry	1	06/22/12 09:30 PM
2,4,5-TP (Silvex)	ND		0.015	mg/Kg-dry	1	06/22/12 09:30 PM
2,4-D	ND		0.0076	mg/Kg-dry	1	06/22/12 09:30 PM
Surr: DCAA	*88.8*		*30-150*	*%REC*	1	06/22/12 09:30 PM
PCBS			**SW8082**		Prep Date: **06/21/12**	Analyst: **JD**
Aroclor 1016	ND		0.061	mg/Kg-dry	1	06/25/12 04:45 PM
Aroclor 1221	ND		0.061	mg/Kg-dry	1	06/25/12 04:45 PM
Aroclor 1232	ND		0.061	mg/Kg-dry	1	06/25/12 04:45 PM
Aroclor 1242	ND		0.061	mg/Kg-dry	1	06/25/12 04:45 PM
Aroclor 1248	ND		0.061	mg/Kg-dry	1	06/25/12 04:45 PM
Aroclor 1254	**170**		**3.1**	**mg/Kg-dry**	50	06/26/12 02:42 PM
Aroclor 1260	ND		0.061	mg/Kg-dry	1	06/25/12 04:45 PM
Surr: Decachlorobiphenyl	*95.1*		*40-140*	*%REC*	1	06/25/12 04:45 PM
PESTICIDES			**SW8081**		Prep Date: **06/21/12**	Analyst: **JD**
4,4'-DDD	ND		0.077	mg/Kg-dry	5	06/26/12 02:25 AM
4,4'-DDE	ND		0.077	mg/Kg-dry	5	06/26/12 02:25 AM
4,4'-DDT	ND		0.077	mg/Kg-dry	5	06/26/12 02:25 AM
Aldrin	ND		0.077	mg/Kg-dry	5	06/26/12 02:25 AM
alpha-BHC	ND		0.077	mg/Kg-dry	5	06/26/12 02:25 AM
alpha-Chlordane	ND		0.077	mg/Kg-dry	5	06/26/12 02:25 AM
beta-BHC	ND		0.077	mg/Kg-dry	5	06/26/12 02:25 AM
Chlordane, Technical	ND		0.19	mg/Kg-dry	5	06/26/12 02:25 AM
delta-BHC	ND		0.077	mg/Kg-dry	5	06/26/12 02:25 AM
Dieldrin	ND		0.077	mg/Kg-dry	5	06/26/12 02:25 AM
Endosulfan I	ND		0.077	mg/Kg-dry	5	06/26/12 02:25 AM
Endosulfan II	ND		0.077	mg/Kg-dry	5	06/26/12 02:25 AM
Endosulfan sulfate	ND		0.077	mg/Kg-dry	5	06/26/12 02:25 AM
Endrin	ND		0.077	mg/Kg-dry	5	06/26/12 02:25 AM
Endrin aldehyde	ND		0.077	mg/Kg-dry	5	06/26/12 02:25 AM
Endrin ketone	ND		0.077	mg/Kg-dry	5	06/26/12 02:25 AM
gamma-BHC (Lindane)	ND		0.077	mg/Kg-dry	5	06/26/12 02:25 AM
gamma-Chlordane	ND		0.077	mg/Kg-dry	5	06/26/12 02:25 AM
Heptachlor	ND		0.077	mg/Kg-dry	5	06/26/12 02:25 AM
Heptachlor epoxide	ND		0.077	mg/Kg-dry	5	06/26/12 02:25 AM
Methoxychlor	ND		0.077	mg/Kg-dry	5	06/26/12 02:25 AM
Toxaphene	ND		0.46	mg/Kg-dry	5	06/26/12 02:25 AM
Surr: Decachlorobiphenyl	*105*		*45-135*	*%REC*	5	06/26/12 02:25 AM
Surr: Tetrachloro-m-xylene	*90.1*		*45-124*	*%REC*	5	06/26/12 02:25 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: WP-B02-S02-061512
Lab ID: 1206641-03
Collection Date: 06/15/12 09:55 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **06/22/12**	Analyst: **LR**
Mercury	**0.11**		**0.027**	**mg/Kg-dry**	1	06/25/12 03:27 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **06/21/12**	Analyst: **ML**
Aluminum	**10,000**		**4.5**	**mg/Kg-dry**	4	06/26/12 05:14 PM
Antimony	ND		1.1	mg/Kg-dry	2	06/23/12 02:27 AM
Arsenic	**5.4**		**1.1**	**mg/Kg-dry**	2	06/23/12 02:27 AM
Barium	**230**		**1.1**	**mg/Kg-dry**	2	06/23/12 02:27 AM
Beryllium	ND		0.45	mg/Kg-dry	2	06/23/12 02:27 AM
Boron	**650**		**8.9**	**mg/Kg-dry**	4	06/25/12 08:05 PM
Cadmium	ND		0.45	mg/Kg-dry	2	06/23/12 02:27 AM
Calcium	**42,000**		**220**	**mg/Kg-dry**	4	06/25/12 08:05 PM
Chromium	**84**		**1.1**	**mg/Kg-dry**	2	06/23/12 02:27 AM
Cobalt	**26**		**1.1**	**mg/Kg-dry**	2	06/23/12 02:27 AM
Copper	**21**		**1.1**	**mg/Kg-dry**	2	06/23/12 02:27 AM
Iron	**18,000**		**18**	**mg/Kg-dry**	2	06/23/12 02:27 AM
Lead	**22**		**1.1**	**mg/Kg-dry**	2	06/23/12 02:27 AM
Magnesium	**3,900**		**45**	**mg/Kg-dry**	2	06/23/12 02:27 AM
Manganese	**370**		**1.1**	**mg/Kg-dry**	2	06/23/12 02:27 AM
Nickel	**150**		**1.1**	**mg/Kg-dry**	2	06/23/12 02:27 AM
Potassium	**1,400**		**45**	**mg/Kg-dry**	2	06/23/12 02:27 AM
Selenium	ND		1.1	mg/Kg-dry	2	06/23/12 02:27 AM
Silver	ND		1.1	mg/Kg-dry	2	06/23/12 02:27 AM
Sodium	**1,700**		**45**	**mg/Kg-dry**	2	06/23/12 02:27 AM
Thallium	ND		1.1	mg/Kg-dry	2	06/23/12 02:27 AM
Vanadium	**19**		**1.1**	**mg/Kg-dry**	2	06/23/12 02:27 AM
Zinc	**300**		**2.2**	**mg/Kg-dry**	2	06/23/12 02:27 AM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **06/21/12**	Analyst: **HL**
1,1`-Biphenyl	ND		5.1	mg/Kg-dry	10	06/25/12 05:26 AM
2,4,5-Trichlorophenol	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
2,4,6-Trichlorophenol	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
2,4-Dichlorophenol	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
2,4-Dimethylphenol	ND	UJ	5.1	mg/Kg-dry	10	06/25/12 05:26 AM
2,4-Dinitrophenol	ND		10	mg/Kg-dry	10	06/25/12 05:26 AM
2,4-Dinitrotoluene	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
2,6-Dinitrotoluene	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
2-Chloronaphthalene	ND		1.2	mg/Kg-dry	10	06/25/12 05:26 AM
2-Chlorophenol	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
2-Methylnaphthalene	ND		1.2	mg/Kg-dry	10	06/25/12 05:26 AM
2-Methylphenol	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM

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

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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: WP-B02-S02-061512
Lab ID: 1206641-03
Collection Date: 06/15/12 09:55 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		10	mg/Kg-dry	10	06/25/12 05:26 AM
2-Nitrophenol	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
3,3'-Dichlorobenzidine	ND		10	mg/Kg-dry	10	06/25/12 05:26 AM
3-Nitroaniline	ND		10	mg/Kg-dry	10	06/25/12 05:26 AM
4,6-Dinitro-2-methylphenol	ND		5.1	mg/Kg-dry	10	06/25/12 05:26 AM
4-Bromophenyl phenyl ether	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
4-Chloro-3-methylphenol	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
4-Chloroaniline	ND		10	mg/Kg-dry	10	06/25/12 05:26 AM
4-Chlorophenyl phenyl ether	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
4-Methylphenol	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
4-Nitroaniline	ND		10	mg/Kg-dry	10	06/25/12 05:26 AM
4-Nitrophenol	ND		10	mg/Kg-dry	10	06/25/12 05:26 AM
Acenaphthene	ND		0.47	mg/Kg-dry	10	06/25/12 05:26 AM
Acenaphthylene	ND		0.47	mg/Kg-dry	10	06/25/12 05:26 AM
Acetophenone	ND		5.1	mg/Kg-dry	10	06/25/12 05:26 AM
Anthracene	ND		0.47	mg/Kg-dry	10	06/25/12 05:26 AM
Atrazine	ND		5.1	mg/Kg-dry	10	06/25/12 05:26 AM
Benzaldehyde	ND		5.1	mg/Kg-dry	10	06/25/12 05:26 AM
Benzo(a)anthracene	ND		0.47	mg/Kg-dry	10	06/25/12 05:26 AM
Benzo(a)pyrene	ND		0.47	mg/Kg-dry	10	06/25/12 05:26 AM
Benzo(b)fluoranthene	ND		0.47	mg/Kg-dry	10	06/25/12 05:26 AM
Benzo(g,h,i)perylene	ND		0.47	mg/Kg-dry	10	06/25/12 05:26 AM
Benzo(k)fluoranthene	ND		0.47	mg/Kg-dry	10	06/25/12 05:26 AM
Bis(2-chloroethoxy)methane	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
Bis(2-chloroethyl)ether	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
Bis(2-chloroisopropyl)ether	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
Bis(2-ethylhexyl)phthalate	ND		5.1	mg/Kg-dry	10	06/25/12 05:26 AM
Butyl benzyl phthalate	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
Caprolactam	ND		5.1	mg/Kg-dry	10	06/25/12 05:26 AM
Carbazole	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
Chrysene	ND		0.47	mg/Kg-dry	10	06/25/12 05:26 AM
Dibenzo(a,h)anthracene	ND		0.47	mg/Kg-dry	10	06/25/12 05:26 AM
Dibenzofuran	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
Diethyl phthalate	ND		5.1	mg/Kg-dry	10	06/25/12 05:26 AM
Dimethyl phthalate	ND		5.1	mg/Kg-dry	10	06/25/12 05:26 AM
Di-n-butyl phthalate	ND		5.1	mg/Kg-dry	10	06/25/12 05:26 AM
Di-n-octyl phthalate	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
Fluoranthene	ND		0.47	mg/Kg-dry	10	06/25/12 05:26 AM
Fluorene	ND		0.47	mg/Kg-dry	10	06/25/12 05:26 AM
Hexachlorobenzene	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 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: WP-B02-S02-061512
Lab ID: 1206641-03
Collection Date: 06/15/12 09:55 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
Hexachlorocyclopentadiene	ND		5.1	mg/Kg-dry	10	06/25/12 05:26 AM
Hexachloroethane	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
Indeno(1,2,3-cd)pyrene	ND		0.47	mg/Kg-dry	10	06/25/12 05:26 AM
Isophorone	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
Naphthalene	ND		0.47	mg/Kg-dry	10	06/25/12 05:26 AM
Nitrobenzene	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
N-Nitrosodi-n-propylamine	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
N-Nitrosodiphenylamine	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
Pentachlorophenol	ND		5.1	mg/Kg-dry	10	06/25/12 05:26 AM
Phenanthrene	ND		0.47	mg/Kg-dry	10	06/25/12 05:26 AM
Phenol	ND		2.5	mg/Kg-dry	10	06/25/12 05:26 AM
Pyrene	ND		0.47	mg/Kg-dry	10	06/25/12 05:26 AM
Surr: 2,4,6-Tribromophenol	*44.6*		*34-140*	*%REC*	10	06/25/12 05:26 AM
Surr: 2-Fluorobiphenyl	*68.6*		*12-100*	*%REC*	10	06/25/12 05:26 AM
Surr: 2-Fluorophenol	*67.8*		*33-117*	*%REC*	10	06/25/12 05:26 AM
Surr: 4-Terphenyl-d14	*91.6*		*25-137*	*%REC*	10	06/25/12 05:26 AM
Surr: Nitrobenzene-d5	*75.6*		*37-107*	*%REC*	10	06/25/12 05:26 AM
Surr: Phenol-d6	*65.0*		*40-106*	*%REC*	10	06/25/12 05:26 AM
VOLATILE ORGANIC COMPOUNDS			**SW8260**		Prep Date: **06/20/12**	Analyst: **BG**
1,1,1-Trichloroethane	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
1,1,2,2-Tetrachloroethane	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
1,1,2-Trichloroethane	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
1,1,2-Trichlorotrifluoroethane	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
1,1-Dichloroethane	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
1,1-Dichloroethene	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
1,2,4-Trichlorobenzene	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
1,2-Dibromo-3-chloropropane	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
1,2-Dibromoethane	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
1,2-Dichlorobenzene	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
1,2-Dichloroethane	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
1,2-Dichloropropane	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
1,3-Dichlorobenzene	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
1,4-Dichlorobenzene	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
2-Butanone	ND		0.32	mg/Kg-dry	1	06/26/12 04:49 AM
2-Hexanone	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
4-Methyl-2-pentanone	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
Acetone	ND		0.16	mg/Kg-dry	1	06/26/12 04:49 AM
Benzene	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
Bromodichloromethane	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 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: WP-B02-S02-061512
Lab ID: 1206641-03
Collection Date: 06/15/12 09:55 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
Bromomethane	ND		0.12	mg/Kg-dry	1	06/26/12 04:49 AM
Carbon disulfide	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
Carbon tetrachloride	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
Chlorobenzene	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
Chloroethane	ND		0.16	mg/Kg-dry	1	06/26/12 04:49 AM
Chloroform	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
Chloromethane	ND		0.16	mg/Kg-dry	1	06/26/12 04:49 AM
cis-1,2-Dichloroethene	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
cis-1,3-Dichloropropene	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
Cyclohexane	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
Dibromochloromethane	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
Dichlorodifluoromethane	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
Ethylbenzene	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
Isopropylbenzene	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
Methyl acetate	ND		0.32	mg/Kg-dry	1	06/26/12 04:49 AM
Methyl tert-butyl ether	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
Methylcyclohexane	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
Methylene chloride	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
Styrene	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
Tetrachloroethene	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
Toluene	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
trans-1,2-Dichloroethene	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
trans-1,3-Dichloropropene	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
Trichloroethene	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
Trichlorofluoromethane	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
Vinyl chloride	ND		0.048	mg/Kg-dry	1	06/26/12 04:49 AM
Xylenes, Total	ND		0.14	mg/Kg-dry	1	06/26/12 04:49 AM
Surr: 1,2-Dichloroethane-d4	*99.4*		*70-130*	*%REC*	1	06/26/12 04:49 AM
Surr: 4-Bromofluorobenzene	*101*		*70-130*	*%REC*	1	06/26/12 04:49 AM
Surr: Dibromofluoromethane	*95.0*		*70-130*	*%REC*	1	06/26/12 04:49 AM
Surr: Toluene-d8	*101*		*70-130*	*%REC*	1	06/26/12 04:49 AM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **06/25/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.79	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	**37**		**0.050**	**% of sample**	1	06/20/12 02:27 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: WP-B02-S02-061512
Lab ID: 1206641-03
Collection Date: 06/15/12 09:55 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			**SW9045D**			Analyst: **JJG**
pH	**8.31**			**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: WP-B03-S01-061512
Lab ID: 1206641-04
Collection Date: 06/15/12 10:20 AM
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		0.0060	mg/Kg-dry	1	06/22/12 09:38 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	06/22/12 09:38 PM
2,4-D	ND		0.0060	mg/Kg-dry	1	06/22/12 09:38 PM
Surr: DCAA	*103*		*30-150*	*%REC*	1	06/22/12 09:38 PM
PCBS			**SW8082**		Prep Date: **06/21/12**	Analyst: **JD**
Aroclor 1016	ND		0.046	mg/Kg-dry	1	06/25/12 05:05 PM
Aroclor 1221	ND		0.046	mg/Kg-dry	1	06/25/12 05:05 PM
Aroclor 1232	ND		0.046	mg/Kg-dry	1	06/25/12 05:05 PM
Aroclor 1242	ND		0.046	mg/Kg-dry	1	06/25/12 05:05 PM
Aroclor 1248	ND		0.046	mg/Kg-dry	1	06/25/12 05:05 PM
Aroclor 1254	**1.8**		**0.046**	**mg/Kg-dry**	1	06/25/12 05:05 PM
Aroclor 1260	ND		0.046	mg/Kg-dry	1	06/25/12 05:05 PM
Surr: Decachlorobiphenyl	*100*		*40-140*	*%REC*	1	06/25/12 05:05 PM
PESTICIDES			**SW8081**		Prep Date: **06/21/12**	Analyst: **JD**
4,4'-DDD	ND		0.012	mg/Kg-dry	1	06/26/12 02:39 AM
4,4'-DDE	ND		0.012	mg/Kg-dry	1	06/26/12 02:39 AM
4,4'-DDT	ND		0.012	mg/Kg-dry	1	06/26/12 02:39 AM
Aldrin	ND		0.012	mg/Kg-dry	1	06/26/12 02:39 AM
alpha-BHC	ND		0.012	mg/Kg-dry	1	06/26/12 02:39 AM
alpha-Chlordane	ND		0.012	mg/Kg-dry	1	06/26/12 02:39 AM
beta-BHC	ND		0.012	mg/Kg-dry	1	06/26/12 02:39 AM
Chlordane, Technical	ND		0.029	mg/Kg-dry	1	06/26/12 02:39 AM
delta-BHC	ND		0.012	mg/Kg-dry	1	06/26/12 02:39 AM
Dieldrin	ND		0.012	mg/Kg-dry	1	06/26/12 02:39 AM
Endosulfan I	ND		0.012	mg/Kg-dry	1	06/26/12 02:39 AM
Endosulfan II	ND		0.012	mg/Kg-dry	1	06/26/12 02:39 AM
Endosulfan sulfate	ND		0.012	mg/Kg-dry	1	06/26/12 02:39 AM
Endrin	ND		0.012	mg/Kg-dry	1	06/26/12 02:39 AM
Endrin aldehyde	ND		0.012	mg/Kg-dry	1	06/26/12 02:39 AM
Endrin ketone	ND		0.012	mg/Kg-dry	1	06/26/12 02:39 AM
gamma-BHC (Lindane)	ND		0.012	mg/Kg-dry	1	06/26/12 02:39 AM
gamma-Chlordane	ND		0.012	mg/Kg-dry	1	06/26/12 02:39 AM
Heptachlor	ND		0.012	mg/Kg-dry	1	06/26/12 02:39 AM
Heptachlor epoxide	ND		0.012	mg/Kg-dry	1	06/26/12 02:39 AM
Methoxychlor	ND		0.012	mg/Kg-dry	1	06/26/12 02:39 AM
Toxaphene	ND		0.069	mg/Kg-dry	1	06/26/12 02:39 AM
Surr: Decachlorobiphenyl	*101*		*45-135*	*%REC*	1	06/26/12 02:39 AM
Surr: Tetrachloro-m-xylene	*78.1*		*45-124*	*%REC*	1	06/26/12 02:39 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: WP-B03-S01-061512
Lab ID: 1206641-04
Collection Date: 06/15/12 10:20 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **06/22/12**	Analyst: **LR**
Mercury	**0.037**		**0.018**	**mg/Kg-dry**	1	06/25/12 03:29 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **06/21/12**	Analyst: **ML**
Aluminum	**12,000**		**3.4**	**mg/Kg-dry**	4	06/26/12 05:21 PM
Antimony	ND		0.86	mg/Kg-dry	2	06/23/12 02:46 AM
Arsenic	**8.9**		**0.86**	**mg/Kg-dry**	2	06/23/12 02:46 AM
Barium	**87**		**0.86**	**mg/Kg-dry**	2	06/23/12 02:46 AM
Beryllium	**0.48**		**0.34**	**mg/Kg-dry**	2	06/23/12 02:46 AM
Boron	**32**		**6.9**	**mg/Kg-dry**	4	06/25/12 08:11 PM
Cadmium	ND		0.34	mg/Kg-dry	2	06/23/12 02:46 AM
Calcium	**14,000**		**86**	**mg/Kg-dry**	2	06/23/12 02:46 AM
Chromium	**20**		**0.86**	**mg/Kg-dry**	2	06/23/12 02:46 AM
Cobalt	**17**		**0.86**	**mg/Kg-dry**	2	06/23/12 02:46 AM
Copper	**18**		**0.86**	**mg/Kg-dry**	2	06/23/12 02:46 AM
Iron	**25,000**		**14**	**mg/Kg-dry**	2	06/23/12 02:46 AM
Lead	**15**		**0.86**	**mg/Kg-dry**	2	06/23/12 02:46 AM
Magnesium	**4,300**		**34**	**mg/Kg-dry**	2	06/23/12 02:46 AM
Manganese	**400**		**1.7**	**mg/Kg-dry**	4	06/25/12 08:11 PM
Nickel	**57**		**0.86**	**mg/Kg-dry**	2	06/23/12 02:46 AM
Potassium	**1,400**		**34**	**mg/Kg-dry**	2	06/23/12 02:46 AM
Selenium	**0.93**		**0.86**	**mg/Kg-dry**	2	06/23/12 02:46 AM
Silver	ND		0.86	mg/Kg-dry	2	06/23/12 02:46 AM
Sodium	**97**		**34**	**mg/Kg-dry**	2	06/23/12 02:46 AM
Thallium	ND		0.86	mg/Kg-dry	2	06/23/12 02:46 AM
Vanadium	**21**		**0.86**	**mg/Kg-dry**	2	06/23/12 02:46 AM
Zinc	**94**		**1.7**	**mg/Kg-dry**	2	06/23/12 02:46 AM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **06/21/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.40	mg/Kg-dry	1	06/24/12 08:47 PM
2,4,5-Trichlorophenol	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
2,4,6-Trichlorophenol	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
2,4-Dichlorophenol	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
2,4-Dimethylphenol	ND	UJ	0.40	mg/Kg-dry	1	06/24/12 08:47 PM
2,4-Dinitrophenol	ND		0.80	mg/Kg-dry	1	06/24/12 08:47 PM
2,4-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
2,6-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
2-Chloronaphthalene	ND		0.097	mg/Kg-dry	1	06/24/12 08:47 PM
2-Chlorophenol	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
2-Methylnaphthalene	ND		0.097	mg/Kg-dry	1	06/24/12 08:47 PM
2-Methylphenol	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM

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

ZD 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: WP-B03-S01-061512
Lab ID: 1206641-04
Collection Date: 06/15/12 10:20 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.80	mg/Kg-dry	1	06/24/12 08:47 PM
2-Nitrophenol	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
3,3´-Dichlorobenzidine	ND		0.80	mg/Kg-dry	1	06/24/12 08:47 PM
3-Nitroaniline	ND		0.80	mg/Kg-dry	1	06/24/12 08:47 PM
4,6-Dinitro-2-methylphenol	ND		0.40	mg/Kg-dry	1	06/24/12 08:47 PM
4-Bromophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
4-Chloro-3-methylphenol	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
4-Chloroaniline	ND		0.80	mg/Kg-dry	1	06/24/12 08:47 PM
4-Chlorophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
4-Methylphenol	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
4-Nitroaniline	ND		0.80	mg/Kg-dry	1	06/24/12 08:47 PM
4-Nitrophenol	ND		0.80	mg/Kg-dry	1	06/24/12 08:47 PM
Acenaphthene	ND		0.036	mg/Kg-dry	1	06/24/12 08:47 PM
Acenaphthylene	ND		0.036	mg/Kg-dry	1	06/24/12 08:47 PM
Acetophenone	ND		0.40	mg/Kg-dry	1	06/24/12 08:47 PM
Anthracene	ND		0.036	mg/Kg-dry	1	06/24/12 08:47 PM
Atrazine	ND		0.40	mg/Kg-dry	1	06/24/12 08:47 PM
Benzaldehyde	ND		0.40	mg/Kg-dry	1	06/24/12 08:47 PM
Benzo(a)anthracene	ND		0.036	mg/Kg-dry	1	06/24/12 08:47 PM
Benzo(a)pyrene	ND		0.036	mg/Kg-dry	1	06/24/12 08:47 PM
Benzo(b)fluoranthene	ND		0.036	mg/Kg-dry	1	06/24/12 08:47 PM
Benzo(g,h,i)perylene	ND		0.036	mg/Kg-dry	1	06/24/12 08:47 PM
Benzo(k)fluoranthene	ND		0.036	mg/Kg-dry	1	06/24/12 08:47 PM
Bis(2-chloroethoxy)methane	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
Bis(2-chloroethyl)ether	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
Bis(2-chloroisopropyl)ether	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
Bis(2-ethylhexyl)phthalate	ND		0.40	mg/Kg-dry	1	06/24/12 08:47 PM
Butyl benzyl phthalate	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
Caprolactam	ND		0.40	mg/Kg-dry	1	06/24/12 08:47 PM
Carbazole	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
Chrysene	ND		0.036	mg/Kg-dry	1	06/24/12 08:47 PM
Dibenzo(a,h)anthracene	ND		0.036	mg/Kg-dry	1	06/24/12 08:47 PM
Dibenzofuran	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
Diethyl phthalate	ND		0.40	mg/Kg-dry	1	06/24/12 08:47 PM
Dimethyl phthalate	ND		0.40	mg/Kg-dry	1	06/24/12 08:47 PM
Di-n-butyl phthalate	ND		0.40	mg/Kg-dry	1	06/24/12 08:47 PM
Di-n-octyl phthalate	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
Fluoranthene	ND		0.036	mg/Kg-dry	1	06/24/12 08:47 PM
Fluorene	ND		0.036	mg/Kg-dry	1	06/24/12 08:47 PM
Hexachlorobenzene	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 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: WP-B03-S01-061512
Lab ID: 1206641-04
Collection Date: 06/15/12 10:20 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
Hexachlorocyclopentadiene	ND		0.40	mg/Kg-dry	1	06/24/12 08:47 PM
Hexachloroethane	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
Indeno(1,2,3-cd)pyrene	ND		0.036	mg/Kg-dry	1	06/24/12 08:47 PM
Isophorone	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
Naphthalene	ND		0.036	mg/Kg-dry	1	06/24/12 08:47 PM
Nitrobenzene	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
N-Nitrosodi-n-propylamine	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
N-Nitrosodiphenylamine	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
Pentachlorophenol	ND		0.40	mg/Kg-dry	1	06/24/12 08:47 PM
Phenanthrene	ND		0.036	mg/Kg-dry	1	06/24/12 08:47 PM
Phenol	ND		0.19	mg/Kg-dry	1	06/24/12 08:47 PM
Pyrene	ND		0.036	mg/Kg-dry	1	06/24/12 08:47 PM
Surr: 2,4,6-Tribromophenol	*91.5*		*34-140*	*%REC*	1	06/24/12 08:47 PM
Surr: 2-Fluorobiphenyl	*65.0*		*12-100*	*%REC*	1	06/24/12 08:47 PM
Surr: 2-Fluorophenol	*73.8*		*33-117*	*%REC*	1	06/24/12 08:47 PM
Surr: 4-Terphenyl-d14	*109*		*25-137*	*%REC*	1	06/24/12 08:47 PM
Surr: Nitrobenzene-d5	*67.4*		*37-107*	*%REC*	1	06/24/12 08:47 PM
Surr: Phenol-d6	*73.2*		*40-106*	*%REC*	1	06/24/12 08:47 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**		Prep Date: **06/20/12**	Analyst: **BG**
1,1,1-Trichloroethane	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
1,1,2,2-Tetrachloroethane	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
1,1,2-Trichloroethane	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
1,1,2-Trichlorotrifluoroethane	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
1,1-Dichloroethane	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
1,1-Dichloroethene	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
1,2,4-Trichlorobenzene	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
1,2-Dibromo-3-chloropropane	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
1,2-Dibromoethane	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
1,2-Dichlorobenzene	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
1,2-Dichloroethane	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
1,2-Dichloropropane	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
1,3-Dichlorobenzene	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
1,4-Dichlorobenzene	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
2-Butanone	ND		0.38	mg/Kg-dry	1	06/26/12 05:16 AM
2-Hexanone	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
4-Methyl-2-pentanone	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
Acetone	ND		0.19	mg/Kg-dry	1	06/26/12 05:16 AM
Benzene	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
Bromodichloromethane	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 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: WP-B03-S01-061512
Lab ID: 1206641-04
Collection Date: 06/15/12 10:20 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
Bromomethane	ND		0.14	mg/Kg-dry	1	06/26/12 05:16 AM
Carbon disulfide	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
Carbon tetrachloride	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
Chlorobenzene	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
Chloroethane	ND		0.19	mg/Kg-dry	1	06/26/12 05:16 AM
Chloroform	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
Chloromethane	ND		0.19	mg/Kg-dry	1	06/26/12 05:16 AM
cis-1,2-Dichloroethene	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
cis-1,3-Dichloropropene	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
Cyclohexane	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
Dibromochloromethane	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
Dichlorodifluoromethane	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
Ethylbenzene	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
Isopropylbenzene	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
Methyl acetate	**0.51**	J	**0.38**	**mg/Kg-dry**	1	06/26/12 05:16 AM
Methyl tert-butyl ether	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
Methylcyclohexane	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
Methylene chloride	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
Styrene	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
Tetrachloroethene	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
Toluene	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
trans-1,2-Dichloroethene	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
trans-1,3-Dichloropropene	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
Trichloroethene	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
Trichlorofluoromethane	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
Vinyl chloride	ND		0.057	mg/Kg-dry	1	06/26/12 05:16 AM
Xylenes, Total	ND		0.17	mg/Kg-dry	1	06/26/12 05:16 AM
Surr: 1,2-Dichloroethane-d4	*104*		*70-130*	*%REC*	1	06/26/12 05:16 AM
Surr: 4-Bromofluorobenzene	*100*		*70-130*	*%REC*	1	06/26/12 05:16 AM
Surr: Dibromofluoromethane	*95.2*		*70-130*	*%REC*	1	06/26/12 05:16 AM
Surr: Toluene-d8	*100*		*70-130*	*%REC*	1	06/26/12 05:16 AM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **06/25/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.60	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	**18**		**0.050**	**% of sample**	1	06/20/12 02:27 PM

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

JJ
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: WP-B03-S01-061512
Lab ID: 1206641-04
Collection Date: 06/15/12 10:20 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			**SW9045D**			Analyst: **JJG**
pH	7.71			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: WP-B04-S01-061512
Lab ID: 1206641-05
Collection Date: 06/15/12 10:44 AM
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		0.011	mg/Kg-dry	1	06/22/12 09:47 PM
2,4,5-TP (Silvex)	ND		0.023	mg/Kg-dry	1	06/22/12 09:47 PM
2,4-D	ND		0.011	mg/Kg-dry	1	06/22/12 09:47 PM
Surr: DCAA	*102*		*30-150*	*%REC*	1	06/22/12 09:47 PM
PCBS			**SW8082**		Prep Date: **06/21/12**	Analyst: **JD**
Aroclor 1016	ND		0.093	mg/Kg-dry	1	06/25/12 05:25 PM
Aroclor 1221	ND		0.093	mg/Kg-dry	1	06/25/12 05:25 PM
Aroclor 1232	ND		0.093	mg/Kg-dry	1	06/25/12 05:25 PM
Aroclor 1242	ND		0.093	mg/Kg-dry	1	06/25/12 05:25 PM
Aroclor 1248	ND		0.093	mg/Kg-dry	1	06/25/12 05:25 PM
Aroclor 1254	**1,200**		**19**	**mg/Kg-dry**	200	06/26/12 03:02 PM
Aroclor 1260	ND		0.093	mg/Kg-dry	1	06/25/12 05:25 PM
Surr: Decachlorobiphenyl	*86.1*		*40-140*	*%REC*	1	06/25/12 05:25 PM
PESTICIDES			**SW8081**		Prep Date: **06/21/12**	Analyst: **JD**
4,4'-DDD	ND		0.12	mg/Kg-dry	5	06/26/12 02:54 AM
4,4'-DDE	ND		0.12	mg/Kg-dry	5	06/26/12 02:54 AM
4,4'-DDT	ND		0.12	mg/Kg-dry	5	06/26/12 02:54 AM
Aldrin	ND		0.12	mg/Kg-dry	5	06/26/12 02:54 AM
alpha-BHC	ND		0.12	mg/Kg-dry	5	06/26/12 02:54 AM
alpha-Chlordane	ND		0.12	mg/Kg-dry	5	06/26/12 02:54 AM
beta-BHC	ND		0.12	mg/Kg-dry	5	06/26/12 02:54 AM
Chlordane, Technical	ND		0.29	mg/Kg-dry	5	06/26/12 02:54 AM
delta-BHC	ND		0.12	mg/Kg-dry	5	06/26/12 02:54 AM
Dieldrin	ND		0.12	mg/Kg-dry	5	06/26/12 02:54 AM
Endosulfan I	ND		0.12	mg/Kg-dry	5	06/26/12 02:54 AM
Endosulfan II	ND		0.12	mg/Kg-dry	5	06/26/12 02:54 AM
Endosulfan sulfate	ND		0.12	mg/Kg-dry	5	06/26/12 02:54 AM
Endrin	ND		0.12	mg/Kg-dry	5	06/26/12 02:54 AM
Endrin aldehyde	ND		0.12	mg/Kg-dry	5	06/26/12 02:54 AM
Endrin ketone	ND		0.12	mg/Kg-dry	5	06/26/12 02:54 AM
gamma-BHC (Lindane)	ND		0.12	mg/Kg-dry	5	06/26/12 02:54 AM
gamma-Chlordane	ND		0.12	mg/Kg-dry	5	06/26/12 02:54 AM
Heptachlor	ND		0.12	mg/Kg-dry	5	06/26/12 02:54 AM
Heptachlor epoxide	ND		0.12	mg/Kg-dry	5	06/26/12 02:54 AM
Methoxychlor	ND		0.12	mg/Kg-dry	5	06/26/12 02:54 AM
Toxaphene	ND		0.70	mg/Kg-dry	5	06/26/12 02:54 AM
Surr: Decachlorobiphenyl	*100*		*45-135*	*%REC*	5	06/26/12 02:54 AM
Surr: Tetrachloro-m-xylene	*95.1*		*45-124*	*%REC*	5	06/26/12 02:54 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: WP-B04-S01-061512
Lab ID: 1206641-05
Collection Date: 06/15/12 10:44 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **06/22/12**	Analyst: **LR**
Mercury	**0.13**		**0.045**	**mg/Kg-dry**	1	06/25/12 03:31 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **06/21/12**	Analyst: **ML**
Aluminum	**18,000**		**35**	**mg/Kg-dry**	20	06/26/12 05:27 PM
Antimony	**18**		**1.7**	**mg/Kg-dry**	2	06/23/12 02:52 AM
Arsenic	**13**		**1.7**	**mg/Kg-dry**	2	06/23/12 02:52 AM
Barium	**4,000**		**17**	**mg/Kg-dry**	20	06/25/12 08:17 PM
Beryllium	**0.77**		**0.69**	**mg/Kg-dry**	2	06/23/12 02:52 AM
Boron	**5,700**		**69**	**mg/Kg-dry**	20	06/25/12 08:17 PM
Cadmium	**2.7**		**0.69**	**mg/Kg-dry**	2	06/23/12 02:52 AM
Calcium	**20,000**		**170**	**mg/Kg-dry**	2	06/23/12 02:52 AM
Chromium	**390**		**1.7**	**mg/Kg-dry**	2	06/23/12 02:52 AM
Cobalt	**560**		**1.7**	**mg/Kg-dry**	2	06/23/12 02:52 AM
Copper	**95**		**1.7**	**mg/Kg-dry**	2	06/23/12 02:52 AM
Iron	**43,000**		**28**	**mg/Kg-dry**	2	06/23/12 02:52 AM
Lead	**210**		**1.7**	**mg/Kg-dry**	2	06/23/12 02:52 AM
Magnesium	**8,600**		**69**	**mg/Kg-dry**	2	06/23/12 02:52 AM
Manganese	**1,100**		**17**	**mg/Kg-dry**	20	06/25/12 08:17 PM
Nickel	**1,600**		**17**	**mg/Kg-dry**	20	06/25/12 08:17 PM
Potassium	**6,700**		**69**	**mg/Kg-dry**	2	06/23/12 02:52 AM
Selenium	ND		1.7	mg/Kg-dry	2	06/23/12 02:52 AM
Silver	**1.8**		**1.7**	**mg/Kg-dry**	2	06/23/12 02:52 AM
Sodium	**10,000**		**69**	**mg/Kg-dry**	2	06/23/12 02:52 AM
Thallium	ND		1.7	mg/Kg-dry	2	06/23/12 02:52 AM
Vanadium	**24**		**1.7**	**mg/Kg-dry**	2	06/23/12 02:52 AM
Zinc	**3,300**		**35**	**mg/Kg-dry**	20	06/25/12 08:17 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **06/21/12**	Analyst: **HL**
1,1`-Biphenyl	ND		7.5	mg/Kg-dry	10	06/25/12 04:58 AM
2,4,5-Trichlorophenol	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
2,4,6-Trichlorophenol	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
2,4-Dichlorophenol	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
2,4-Dimethylphenol	ND	UJ	7.5	mg/Kg-dry	10	06/25/12 04:58 AM
2,4-Dinitrophenol	ND		15	mg/Kg-dry	10	06/25/12 04:58 AM
2,4-Dinitrotoluene	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
2,6-Dinitrotoluene	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
2-Chloronaphthalene	ND		1.8	mg/Kg-dry	10	06/25/12 04:58 AM
2-Chlorophenol	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
2-Methylnaphthalene	**11**		**1.8**	**mg/Kg-dry**	10	06/25/12 04:58 AM
2-Methylphenol	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM

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

LD
7/13/12

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: WP-B04-S01-061512
Lab ID: 1206641-05
Collection Date: 06/15/12 10:44 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		15	mg/Kg-dry	10	06/25/12 04:58 AM
2-Nitrophenol	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
3,3'-Dichlorobenzidine	ND		15	mg/Kg-dry	10	06/25/12 04:58 AM
3-Nitroaniline	ND		15	mg/Kg-dry	10	06/25/12 04:58 AM
4,6-Dinitro-2-methylphenol	ND		7.5	mg/Kg-dry	10	06/25/12 04:58 AM
4-Bromophenyl phenyl ether	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
4-Chloro-3-methylphenol	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
4-Chloroaniline	ND		15	mg/Kg-dry	10	06/25/12 04:58 AM
4-Chlorophenyl phenyl ether	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
4-Methylphenol	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
4-Nitroaniline	ND		15	mg/Kg-dry	10	06/25/12 04:58 AM
4-Nitrophenol	ND		15	mg/Kg-dry	10	06/25/12 04:58 AM
Acenaphthene	ND		0.68	mg/Kg-dry	10	06/25/12 04:58 AM
Acenaphthylene	ND		0.68	mg/Kg-dry	10	06/25/12 04:58 AM
Acetophenone	ND		7.5	mg/Kg-dry	10	06/25/12 04:58 AM
Anthracene	ND		0.68	mg/Kg-dry	10	06/25/12 04:58 AM
Atrazine	ND		7.5	mg/Kg-dry	10	06/25/12 04:58 AM
Benzaldehyde	ND		7.5	mg/Kg-dry	10	06/25/12 04:58 AM
Benzo(a)anthracene	ND		0.68	mg/Kg-dry	10	06/25/12 04:58 AM
Benzo(a)pyrene	ND		0.68	mg/Kg-dry	10	06/25/12 04:58 AM
Benzo(b)fluoranthene	ND		0.68	mg/Kg-dry	10	06/25/12 04:58 AM
Benzo(g,h,i)perylene	ND		0.68	mg/Kg-dry	10	06/25/12 04:58 AM
Benzo(k)fluoranthene	ND		0.68	mg/Kg-dry	10	06/25/12 04:58 AM
Bis(2-chloroethoxy)methane	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
Bis(2-chloroethyl)ether	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
Bis(2-chloroisopropyl)ether	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
Bis(2-ethylhexyl)phthalate	ND		7.5	mg/Kg-dry	10	06/25/12 04:58 AM
Butyl benzyl phthalate	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
Caprolactam	ND		7.5	mg/Kg-dry	10	06/25/12 04:58 AM
Carbazole	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
Chrysene	**0.93**		**0.68**	**mg/Kg-dry**	10	06/25/12 04:58 AM
Dibenzo(a,h)anthracene	ND		0.68	mg/Kg-dry	10	06/25/12 04:58 AM
Dibenzofuran	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
Diethyl phthalate	ND		7.5	mg/Kg-dry	10	06/25/12 04:58 AM
Dimethyl phthalate	ND		7.5	mg/Kg-dry	10	06/25/12 04:58 AM
Di-n-butyl phthalate	ND		7.5	mg/Kg-dry	10	06/25/12 04:58 AM
Di-n-octyl phthalate	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
Fluoranthene	ND		0.68	mg/Kg-dry	10	06/25/12 04:58 AM
Fluorene	ND		0.68	mg/Kg-dry	10	06/25/12 04:58 AM
Hexachlorobenzene	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 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: WP-B04-S01-061512
Lab ID: 1206641-05
Collection Date: 06/15/12 10:44 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
Hexachlorocyclopentadiene	ND		7.5	mg/Kg-dry	10	06/25/12 04:58 AM
Hexachloroethane	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
Indeno(1,2,3-cd)pyrene	ND		0.68	mg/Kg-dry	10	06/25/12 04:58 AM
Isophorone	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
Naphthalene	**2.9**		**0.68**	**mg/Kg-dry**	10	06/25/12 04:58 AM
Nitrobenzene	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
N-Nitrosodi-n-propylamine	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
N-Nitrosodiphenylamine	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
Pentachlorophenol	ND		7.5	mg/Kg-dry	10	06/25/12 04:58 AM
Phenanthrene	**2.4**		**0.68**	**mg/Kg-dry**	10	06/25/12 04:58 AM
Phenol	ND		3.6	mg/Kg-dry	10	06/25/12 04:58 AM
Pyrene	ND		0.68	mg/Kg-dry	10	06/25/12 04:58 AM
Surr: 2,4,6-Tribromophenol	*68.4*		*34-140*	*%REC*	10	06/25/12 04:58 AM
Surr: 2-Fluorobiphenyl	*73.0*		*12-100*	*%REC*	10	06/25/12 04:58 AM
Surr: 2-Fluorophenol	*71.6*		*33-117*	*%REC*	10	06/25/12 04:58 AM
Surr: 4-Terphenyl-d14	*96.6*		*25-137*	*%REC*	10	06/25/12 04:58 AM
Surr: Nitrobenzene-d5	*133*	S	*37-107*	*%REC*	10	06/25/12 04:58 AM
Surr: Phenol-d6	*77.4*		*40-106*	*%REC*	10	06/25/12 04:58 AM
VOLATILE ORGANIC COMPOUNDS			**SW8260**		Prep Date: **06/20/12**	Analyst: **BG**
1,1,1-Trichloroethane	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
1,1,2,2-Tetrachloroethane	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
1,1,2-Trichloroethane	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
1,1,2-Trichlorotrifluoroethane	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
1,1-Dichloroethane	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
1,1-Dichloroethene	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
1,2,4-Trichlorobenzene	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
1,2-Dibromo-3-chloropropane	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
1,2-Dibromoethane	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
1,2-Dichlorobenzene	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
1,2-Dichloroethane	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
1,2-Dichloropropane	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
1,3-Dichlorobenzene	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
1,4-Dichlorobenzene	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
2-Butanone	ND		0.90	mg/Kg-dry	1	06/26/12 09:13 AM
2-Hexanone	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
4-Methyl-2-pentanone	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
Acetone	ND		0.45	mg/Kg-dry	1	06/26/12 09:13 AM
Benzene	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
Bromodichloromethane	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 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: WP-B04-S01-061512
Lab ID: 1206641-05
Collection Date: 06/15/12 10:44 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
Bromomethane	ND		0.34	mg/Kg-dry	1	06/26/12 09:13 AM
Carbon disulfide	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
Carbon tetrachloride	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
Chlorobenzene	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
Chloroethane	ND		0.45	mg/Kg-dry	1	06/26/12 09:13 AM
Chloroform	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
Chloromethane	ND		0.45	mg/Kg-dry	1	06/26/12 09:13 AM
cis-1,2-Dichloroethene	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
cis-1,3-Dichloropropene	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
Cyclohexane	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
Dibromochloromethane	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
Dichlorodifluoromethane	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
Ethylbenzene	**0.62**		**0.14**	**mg/Kg-dry**	1	06/26/12 09:13 AM
Isopropylbenzene	**0.38**		**0.14**	**mg/Kg-dry**	1	06/26/12 09:13 AM
Methyl acetate	ND		0.90	mg/Kg-dry	1	06/26/12 09:13 AM
Methyl tert-butyl ether	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
Methylcyclohexane	**0.37**		**0.14**	**mg/Kg-dry**	1	06/26/12 09:13 AM
Methylene chloride	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
Styrene	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
Tetrachloroethene	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
Toluene	**1.7**		**0.14**	**mg/Kg-dry**	1	06/26/12 09:13 AM
trans-1,2-Dichloroethene	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
trans-1,3-Dichloropropene	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
Trichloroethene	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
Trichlorofluoromethane	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
Vinyl chloride	ND		0.14	mg/Kg-dry	1	06/26/12 09:13 AM
Xylenes, Total	**4.0**		**0.41**	**mg/Kg-dry**	1	06/26/12 09:13 AM
Surr: 1,2-Dichloroethane-d4	*98.0*		*70-130*	*%REC*	1	06/26/12 09:13 AM
Surr: 4-Bromofluorobenzene	*107*		*70-130*	*%REC*	1	06/26/12 09:13 AM
Surr: Dibromofluoromethane	*95.1*		*70-130*	*%REC*	1	06/26/12 09:13 AM
Surr: Toluene-d8	*100*		*70-130*	*%REC*	1	06/26/12 09:13 AM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **06/25/12**	Analyst: **MB**
Chromium, Hexavalent	**1.2**		**1.1**	**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	**57**		**0.050**	**% of sample**	1	06/20/12 02:27 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: WP-B04-S01-061512
Lab ID: 1206641-05
Collection Date: 06/15/12 10:44 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			**SW9045D**			Analyst: **JJG**
pH	**8.32**			**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: WP-B05-S01-061512
Lab ID: 1206641-06
Collection Date: 06/15/12 11:32 AM
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 09:55 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	06/22/12 09:55 PM
2,4-D	ND		0.0055	mg/Kg-dry	1	06/22/12 09:55 PM
Surr: DCAA	*110*		*30-150*	*%REC*	1	06/22/12 09:55 PM
PCBS			**SW8082**		Prep Date: **06/21/12**	Analyst: **JD**
Aroclor 1016	ND		0.044	mg/Kg-dry	1	06/25/12 05:45 PM
Aroclor 1221	ND		0.044	mg/Kg-dry	1	06/25/12 05:45 PM
Aroclor 1232	ND		0.044	mg/Kg-dry	1	06/25/12 05:45 PM
Aroclor 1242	ND		0.044	mg/Kg-dry	1	06/25/12 05:45 PM
Aroclor 1248	ND		0.044	mg/Kg-dry	1	06/25/12 05:45 PM
Aroclor 1254	**3.7**		**0.044**	**mg/Kg-dry**	1	06/25/12 05:45 PM
Aroclor 1260	ND		0.044	mg/Kg-dry	1	06/25/12 05:45 PM
Surr: Decachlorobiphenyl	*73.1*		*40-140*	*%REC*	1	06/25/12 05:45 PM
PESTICIDES			**SW8081**		Prep Date: **06/21/12**	Analyst: **JD**
4,4'-DDD	ND		0.011	mg/Kg-dry	1	06/26/12 03:09 AM
4,4'-DDE	ND		0.011	mg/Kg-dry	1	06/26/12 03:09 AM
4,4'-DDT	ND		0.011	mg/Kg-dry	1	06/26/12 03:09 AM
Aldrin	ND		0.011	mg/Kg-dry	1	06/26/12 03:09 AM
alpha-BHC	ND		0.011	mg/Kg-dry	1	06/26/12 03:09 AM
alpha-Chlordane	ND		0.011	mg/Kg-dry	1	06/26/12 03:09 AM
beta-BHC	ND		0.011	mg/Kg-dry	1	06/26/12 03:09 AM
Chlordane, Technical	ND		0.028	mg/Kg-dry	1	06/26/12 03:09 AM
delta-BHC	ND		0.011	mg/Kg-dry	1	06/26/12 03:09 AM
Dieldrin	ND		0.011	mg/Kg-dry	1	06/26/12 03:09 AM
Endosulfan I	ND		0.011	mg/Kg-dry	1	06/26/12 03:09 AM
Endosulfan II	ND		0.011	mg/Kg-dry	1	06/26/12 03:09 AM
Endosulfan sulfate	ND		0.011	mg/Kg-dry	1	06/26/12 03:09 AM
Endrin	ND		0.011	mg/Kg-dry	1	06/26/12 03:09 AM
Endrin aldehyde	ND		0.011	mg/Kg-dry	1	06/26/12 03:09 AM
Endrin ketone	ND		0.011	mg/Kg-dry	1	06/26/12 03:09 AM
gamma-BHC (Lindane)	ND		0.011	mg/Kg-dry	1	06/26/12 03:09 AM
gamma-Chlordane	ND		0.011	mg/Kg-dry	1	06/26/12 03:09 AM
Heptachlor	ND		0.011	mg/Kg-dry	1	06/26/12 03:09 AM
Heptachlor epoxide	ND		0.011	mg/Kg-dry	1	06/26/12 03:09 AM
Methoxychlor	ND		0.011	mg/Kg-dry	1	06/26/12 03:09 AM
Toxaphene	ND		0.067	mg/Kg-dry	1	06/26/12 03:09 AM
Surr: Decachlorobiphenyl	*86.1*		*45-135*	*%REC*	1	06/26/12 03:09 AM
Surr: Tetrachloro-m-xylene	*69.1*		*45-124*	*%REC*	1	06/26/12 03:09 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: WP-B05-S01-061512
Lab ID: 1206641-06
Collection Date: 06/15/12 11:32 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **06/22/12**	Analyst: **LR**
Mercury	**0.021**		**0.019**	**mg/Kg-dry**	1	06/25/12 03:33 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **06/21/12**	Analyst: **ML**
Aluminum	**5,300**		**3.4**	**mg/Kg-dry**	4	06/26/12 05:33 PM
Antimony	ND		0.84	mg/Kg-dry	2	06/23/12 02:58 AM
Arsenic	**6.9**		**0.84**	**mg/Kg-dry**	2	06/23/12 02:58 AM
Barium	**45**		**0.84**	**mg/Kg-dry**	2	06/23/12 02:58 AM
Beryllium	ND		0.34	mg/Kg-dry	2	06/23/12 02:58 AM
Boron	**37**		**6.7**	**mg/Kg-dry**	4	06/25/12 08:23 PM
Cadmium	ND		0.34	mg/Kg-dry	2	06/23/12 02:58 AM
Calcium	**20,000**		**84**	**mg/Kg-dry**	2	06/23/12 02:58 AM
Chromium	**8.8**		**0.84**	**mg/Kg-dry**	2	06/23/12 02:58 AM
Cobalt	**9.2**		**0.84**	**mg/Kg-dry**	2	06/23/12 02:58 AM
Copper	**14**		**0.84**	**mg/Kg-dry**	2	06/23/12 02:58 AM
Iron	**14,000**		**13**	**mg/Kg-dry**	2	06/23/12 02:58 AM
Lead	**8.3**		**0.84**	**mg/Kg-dry**	2	06/23/12 02:58 AM
Magnesium	**4,800**		**34**	**mg/Kg-dry**	2	06/23/12 02:58 AM
Manganese	**360**		**1.7**	**mg/Kg-dry**	4	06/25/12 08:23 PM
Nickel	**23**		**0.84**	**mg/Kg-dry**	2	06/23/12 02:58 AM
Potassium	**720**		**34**	**mg/Kg-dry**	2	06/23/12 02:58 AM
Selenium	ND		0.84	mg/Kg-dry	2	06/23/12 02:58 AM
Silver	ND		0.84	mg/Kg-dry	2	06/23/12 02:58 AM
Sodium	**120**		**34**	**mg/Kg-dry**	2	06/23/12 02:58 AM
Thallium	ND		0.84	mg/Kg-dry	2	06/23/12 02:58 AM
Vanadium	**12**		**0.84**	**mg/Kg-dry**	2	06/23/12 02:58 AM
Zinc	**55**		**1.7**	**mg/Kg-dry**	2	06/23/12 02:58 AM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **06/21/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.38	mg/Kg-dry	1	06/24/12 09:16 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
2,4-Dimethylphenol	ND	UJ	0.38	mg/Kg-dry	1	06/24/12 09:16 PM
2,4-Dinitrophenol	ND		0.75	mg/Kg-dry	1	06/24/12 09:16 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
2-Chloronaphthalene	ND		0.092	mg/Kg-dry	1	06/24/12 09:16 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
2-Methylnaphthalene	ND		0.092	mg/Kg-dry	1	06/24/12 09:16 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM

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

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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: WP-B05-S01-061512
Lab ID: 1206641-06
Collection Date: 06/15/12 11:32 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.75	mg/Kg-dry	1	06/24/12 09:16 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
3,3'-Dichlorobenzidine	ND		0.75	mg/Kg-dry	1	06/24/12 09:16 PM
3-Nitroaniline	ND		0.75	mg/Kg-dry	1	06/24/12 09:16 PM
4,6-Dinitro-2-methylphenol	ND		0.38	mg/Kg-dry	1	06/24/12 09:16 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
4-Chloroaniline	ND		0.75	mg/Kg-dry	1	06/24/12 09:16 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
4-Nitroaniline	ND		0.75	mg/Kg-dry	1	06/24/12 09:16 PM
4-Nitrophenol	ND		0.75	mg/Kg-dry	1	06/24/12 09:16 PM
Acenaphthene	ND		0.034	mg/Kg-dry	1	06/24/12 09:16 PM
Acenaphthylene	ND		0.034	mg/Kg-dry	1	06/24/12 09:16 PM
Acetophenone	ND		0.38	mg/Kg-dry	1	06/24/12 09:16 PM
Anthracene	ND		0.034	mg/Kg-dry	1	06/24/12 09:16 PM
Atrazine	ND		0.38	mg/Kg-dry	1	06/24/12 09:16 PM
Benzaldehyde	ND		0.38	mg/Kg-dry	1	06/24/12 09:16 PM
Benzo(a)anthracene	ND		0.034	mg/Kg-dry	1	06/24/12 09:16 PM
Benzo(a)pyrene	ND		0.034	mg/Kg-dry	1	06/24/12 09:16 PM
Benzo(b)fluoranthene	ND		0.034	mg/Kg-dry	1	06/24/12 09:16 PM
Benzo(g,h,i)perylene	ND		0.034	mg/Kg-dry	1	06/24/12 09:16 PM
Benzo(k)fluoranthene	ND		0.034	mg/Kg-dry	1	06/24/12 09:16 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
Bis(2-ethylhexyl)phthalate	ND		0.38	mg/Kg-dry	1	06/24/12 09:16 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
Caprolactam	ND		0.38	mg/Kg-dry	1	06/24/12 09:16 PM
Carbazole	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
Chrysene	ND		0.034	mg/Kg-dry	1	06/24/12 09:16 PM
Dibenzo(a,h)anthracene	ND		0.034	mg/Kg-dry	1	06/24/12 09:16 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
Diethyl phthalate	ND		0.38	mg/Kg-dry	1	06/24/12 09:16 PM
Dimethyl phthalate	ND		0.38	mg/Kg-dry	1	06/24/12 09:16 PM
Di-n-butyl phthalate	ND		0.38	mg/Kg-dry	1	06/24/12 09:16 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
Fluoranthene	ND		0.034	mg/Kg-dry	1	06/24/12 09:16 PM
Fluorene	ND		0.034	mg/Kg-dry	1	06/24/12 09:16 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 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: WP-B05-S01-061512
Lab ID: 1206641-06
Collection Date: 06/15/12 11:32 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
Hexachlorocyclopentadiene	ND		0.38	mg/Kg-dry	1	06/24/12 09:16 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
Indeno(1,2,3-cd)pyrene	ND		0.034	mg/Kg-dry	1	06/24/12 09:16 PM
Isophorone	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
Naphthalene	ND		0.034	mg/Kg-dry	1	06/24/12 09:16 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
Pentachlorophenol	ND		0.38	mg/Kg-dry	1	06/24/12 09:16 PM
Phenanthrene	ND		0.034	mg/Kg-dry	1	06/24/12 09:16 PM
Phenol	ND		0.18	mg/Kg-dry	1	06/24/12 09:16 PM
Pyrene	ND		0.034	mg/Kg-dry	1	06/24/12 09:16 PM
Surr: 2,4,6-Tribromophenol	*78.3*		*34-140*	*%REC*	1	06/24/12 09:16 PM
Surr: 2-Fluorobiphenyl	*68.8*		*12-100*	*%REC*	1	06/24/12 09:16 PM
Surr: 2-Fluorophenol	*76.6*		*33-117*	*%REC*	1	06/24/12 09:16 PM
Surr: 4-Terphenyl-d14	*113*		*25-137*	*%REC*	1	06/24/12 09:16 PM
Surr: Nitrobenzene-d5	*71.5*		*37-107*	*%REC*	1	06/24/12 09:16 PM
Surr: Phenol-d6	*77.0*		*40-106*	*%REC*	1	06/24/12 09:16 PM
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 05:42 AM
1,1,2,2-Tetrachloroethane	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
1,1,2-Trichloroethane	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
1,1,2-Trichlorotrifluoroethane	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
1,1-Dichloroethane	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
1,1-Dichloroethene	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
1,2,4-Trichlorobenzene	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
1,2-Dibromo-3-chloropropane	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
1,2-Dibromoethane	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
1,2-Dichlorobenzene	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
1,2-Dichloroethane	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
1,2-Dichloropropane	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
1,3-Dichlorobenzene	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
1,4-Dichlorobenzene	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
2-Butanone	ND		0.23	mg/Kg-dry	1	06/26/12 05:42 AM
2-Hexanone	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
4-Methyl-2-pentanone	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
Acetone	ND		0.12	mg/Kg-dry	1	06/26/12 05:42 AM
Benzene	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
Bromodichloromethane	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 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: WP-B05-S01-061512
Lab ID: 1206641-06
Collection Date: 06/15/12 11:32 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
Bromomethane	ND		0.086	mg/Kg-dry	1	06/26/12 05:42 AM
Carbon disulfide	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
Carbon tetrachloride	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
Chlorobenzene	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
Chloroethane	ND		0.12	mg/Kg-dry	1	06/26/12 05:42 AM
Chloroform	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
Chloromethane	ND		0.12	mg/Kg-dry	1	06/26/12 05:42 AM
cis-1,2-Dichloroethene	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
cis-1,3-Dichloropropene	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
Cyclohexane	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
Dibromochloromethane	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
Dichlorodifluoromethane	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
Ethylbenzene	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
Isopropylbenzene	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
Methyl acetate	ND		0.23	mg/Kg-dry	1	06/26/12 05:42 AM
Methyl tert-butyl ether	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
Methylcyclohexane	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
Methylene chloride	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
Styrene	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
Tetrachloroethene	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
Toluene	**0.076**		**0.035**	**mg/Kg-dry**	1	06/26/12 05:42 AM
trans-1,2-Dichloroethene	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
trans-1,3-Dichloropropene	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
Trichloroethene	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
Trichlorofluoromethane	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
Vinyl chloride	ND		0.035	mg/Kg-dry	1	06/26/12 05:42 AM
Xylenes, Total	ND		0.10	mg/Kg-dry	1	06/26/12 05:42 AM
Surr: 1,2-Dichloroethane-d4	*99.0*		*70-130*	*%REC*	1	06/26/12 05:42 AM
Surr: 4-Bromofluorobenzene	*99.8*		*70-130*	*%REC*	1	06/26/12 05:42 AM
Surr: Dibromofluoromethane	*94.4*		*70-130*	*%REC*	1	06/26/12 05:42 AM
Surr: Toluene-d8	*99.2*		*70-130*	*%REC*	1	06/26/12 05:42 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 02:27 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: WP-B05-S01-061512
Lab ID: 1206641-06
Collection Date: 06/15/12 11:32 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			**SW9045D**			Analyst: **JJG**
pH	8.47			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: WP-B05-S01-061512-DP
Lab ID: 1206641-07
Collection Date: 06/15/12 11:32 AM
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 10:04 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	06/22/12 10:04 PM
2,4-D	ND		0.0056	mg/Kg-dry	1	06/22/12 10:04 PM
Surr: DCAA	*119*		*30-150*	*%REC*	1	06/22/12 10:04 PM
PCBS			**SW8082**		Prep Date: **06/21/12**	Analyst: **JD**
Aroclor 1016	ND		0.045	mg/Kg-dry	1	06/25/12 06:05 PM
Aroclor 1221	ND		0.045	mg/Kg-dry	1	06/25/12 06:05 PM
Aroclor 1232	ND		0.045	mg/Kg-dry	1	06/25/12 06:05 PM
Aroclor 1242	ND		0.045	mg/Kg-dry	1	06/25/12 06:05 PM
Aroclor 1248	ND		0.045	mg/Kg-dry	1	06/25/12 06:05 PM
Aroclor 1254	**2.0**		**0.045**	**mg/Kg-dry**	1	06/25/12 06:05 PM
Aroclor 1260	ND		0.045	mg/Kg-dry	1	06/25/12 06:05 PM
Surr: Decachlorobiphenyl	*93.1*		*40-140*	*%REC*	1	06/25/12 06:05 PM
PESTICIDES			**SW8081**		Prep Date: **06/21/12**	Analyst: **JD**
4,4'-DDD	ND		0.011	mg/Kg-dry	1	06/26/12 03:24 AM
4,4'-DDE	ND		0.011	mg/Kg-dry	1	06/26/12 03:24 AM
4,4'-DDT	ND		0.011	mg/Kg-dry	1	06/26/12 03:24 AM
Aldrin	ND		0.011	mg/Kg-dry	1	06/26/12 03:24 AM
alpha-BHC	ND		0.011	mg/Kg-dry	1	06/26/12 03:24 AM
alpha-Chlordane	ND		0.011	mg/Kg-dry	1	06/26/12 03:24 AM
beta-BHC	ND		0.011	mg/Kg-dry	1	06/26/12 03:24 AM
Chlordane, Technical	ND		0.028	mg/Kg-dry	1	06/26/12 03:24 AM
delta-BHC	ND		0.011	mg/Kg-dry	1	06/26/12 03:24 AM
Dieldrin	ND		0.011	mg/Kg-dry	1	06/26/12 03:24 AM
Endosulfan I	ND		0.011	mg/Kg-dry	1	06/26/12 03:24 AM
Endosulfan II	ND		0.011	mg/Kg-dry	1	06/26/12 03:24 AM
Endosulfan sulfate	ND		0.011	mg/Kg-dry	1	06/26/12 03:24 AM
Endrin	ND		0.011	mg/Kg-dry	1	06/26/12 03:24 AM
Endrin aldehyde	ND		0.011	mg/Kg-dry	1	06/26/12 03:24 AM
Endrin ketone	ND		0.011	mg/Kg-dry	1	06/26/12 03:24 AM
gamma-BHC (Lindane)	ND		0.011	mg/Kg-dry	1	06/26/12 03:24 AM
gamma-Chlordane	ND		0.011	mg/Kg-dry	1	06/26/12 03:24 AM
Heptachlor	ND		0.011	mg/Kg-dry	1	06/26/12 03:24 AM
Heptachlor epoxide	ND		0.011	mg/Kg-dry	1	06/26/12 03:24 AM
Methoxychlor	ND		0.011	mg/Kg-dry	1	06/26/12 03:24 AM
Toxaphene	ND		0.068	mg/Kg-dry	1	06/26/12 03:24 AM
Surr: Decachlorobiphenyl	*95.1*		*45-135*	*%REC*	1	06/26/12 03:24 AM
Surr: Tetrachloro-m-xylene	*74.1*		*45-124*	*%REC*	1	06/26/12 03:24 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: WP-B05-S01-061512-DP
Lab ID: 1206641-07
Collection Date: 06/15/12 11:32 AM
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		0.020	mg/Kg-dry	1	06/25/12 03:42 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **06/21/12**	Analyst: **ML**
Aluminum	**5,200**		**3.2**	**mg/Kg-dry**	4	06/26/12 05:40 PM
Antimony	ND		0.80	mg/Kg-dry	2	06/23/12 03:04 AM
Arsenic	**7.1**		**0.80**	**mg/Kg-dry**	2	06/23/12 03:04 AM
Barium	**29**		**0.80**	**mg/Kg-dry**	2	06/23/12 03:04 AM
Beryllium	ND		0.32	mg/Kg-dry	2	06/23/12 03:04 AM
Boron	**13**		**6.4**	**mg/Kg-dry**	4	06/25/12 08:29 PM
Cadmium	ND		0.32	mg/Kg-dry	2	06/23/12 03:04 AM
Calcium	**29,000**		**80**	**mg/Kg-dry**	2	06/23/12 03:04 AM
Chromium	**7.7**		**0.80**	**mg/Kg-dry**	2	06/23/12 03:04 AM
Cobalt	**6.2**		**0.80**	**mg/Kg-dry**	2	06/23/12 03:04 AM
Copper	**15**		**0.80**	**mg/Kg-dry**	2	06/23/12 03:04 AM
Iron	**14,000**		**13**	**mg/Kg-dry**	2	06/23/12 03:04 AM
Lead	**8.5**		**0.80**	**mg/Kg-dry**	2	06/23/12 03:04 AM
Magnesium	**5,700**		**32**	**mg/Kg-dry**	2	06/23/12 03:04 AM
Manganese	**330**		**1.6**	**mg/Kg-dry**	4	06/25/12 08:29 PM
Nickel	**17**		**0.80**	**mg/Kg-dry**	2	06/23/12 03:04 AM
Potassium	**740**		**32**	**mg/Kg-dry**	2	06/23/12 03:04 AM
Selenium	**0.86**		**0.80**	**mg/Kg-dry**	2	06/23/12 03:04 AM
Silver	ND		0.80	mg/Kg-dry	2	06/23/12 03:04 AM
Sodium	**80**		**32**	**mg/Kg-dry**	2	06/23/12 03:04 AM
Thallium	ND		0.80	mg/Kg-dry	2	06/23/12 03:04 AM
Vanadium	**12**		**0.80**	**mg/Kg-dry**	2	06/23/12 03:04 AM
Zinc	**44**		**1.6**	**mg/Kg-dry**	2	06/23/12 03:04 AM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **06/21/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.38	mg/Kg-dry	1	06/24/12 09:45 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
2,4-Dimethylphenol	ND	UJ	0.38	mg/Kg-dry	1	06/24/12 09:45 PM
2,4-Dinitrophenol	ND		0.76	mg/Kg-dry	1	06/24/12 09:45 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
2-Chloronaphthalene	ND		0.092	mg/Kg-dry	1	06/24/12 09:45 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
2-Methylnaphthalene	ND		0.092	mg/Kg-dry	1	06/24/12 09:45 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM

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

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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: WP-B05-S01-061512-DP
Lab ID: 1206641-07
Collection Date: 06/15/12 11:32 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.76	mg/Kg-dry	1	06/24/12 09:45 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
3,3'-Dichlorobenzidine	ND		0.76	mg/Kg-dry	1	06/24/12 09:45 PM
3-Nitroaniline	ND		0.76	mg/Kg-dry	1	06/24/12 09:45 PM
4,6-Dinitro-2-methylphenol	ND		0.38	mg/Kg-dry	1	06/24/12 09:45 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
4-Chloroaniline	ND		0.76	mg/Kg-dry	1	06/24/12 09:45 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
4-Nitroaniline	ND		0.76	mg/Kg-dry	1	06/24/12 09:45 PM
4-Nitrophenol	ND		0.76	mg/Kg-dry	1	06/24/12 09:45 PM
Acenaphthene	ND		0.035	mg/Kg-dry	1	06/24/12 09:45 PM
Acenaphthylene	ND		0.035	mg/Kg-dry	1	06/24/12 09:45 PM
Acetophenone	ND		0.38	mg/Kg-dry	1	06/24/12 09:45 PM
Anthracene	ND		0.035	mg/Kg-dry	1	06/24/12 09:45 PM
Atrazine	ND		0.38	mg/Kg-dry	1	06/24/12 09:45 PM
Benzaldehyde	ND		0.38	mg/Kg-dry	1	06/24/12 09:45 PM
Benzo(a)anthracene	ND		0.035	mg/Kg-dry	1	06/24/12 09:45 PM
Benzo(a)pyrene	ND		0.035	mg/Kg-dry	1	06/24/12 09:45 PM
Benzo(b)fluoranthene	ND		0.035	mg/Kg-dry	1	06/24/12 09:45 PM
Benzo(g,h,i)perylene	ND		0.035	mg/Kg-dry	1	06/24/12 09:45 PM
Benzo(k)fluoranthene	ND		0.035	mg/Kg-dry	1	06/24/12 09:45 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
Bis(2-ethylhexyl)phthalate	ND		0.38	mg/Kg-dry	1	06/24/12 09:45 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
Caprolactam	ND		0.38	mg/Kg-dry	1	06/24/12 09:45 PM
Carbazole	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
Chrysene	ND		0.035	mg/Kg-dry	1	06/24/12 09:45 PM
Dibenzo(a,h)anthracene	ND		0.035	mg/Kg-dry	1	06/24/12 09:45 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
Diethyl phthalate	ND		0.38	mg/Kg-dry	1	06/24/12 09:45 PM
Dimethyl phthalate	ND		0.38	mg/Kg-dry	1	06/24/12 09:45 PM
Di-n-butyl phthalate	ND		0.38	mg/Kg-dry	1	06/24/12 09:45 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
Fluoranthene	ND		0.035	mg/Kg-dry	1	06/24/12 09:45 PM
Fluorene	ND		0.035	mg/Kg-dry	1	06/24/12 09:45 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 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: 1206641
Sample ID: WP-B05-S01-061512-DP
Lab ID: 1206641-07
Collection Date: 06/15/12 11:32 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
Hexachlorocyclopentadiene	ND		0.38	mg/Kg-dry	1	06/24/12 09:45 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
Indeno(1,2,3-cd)pyrene	ND		0.035	mg/Kg-dry	1	06/24/12 09:45 PM
Isophorone	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
Naphthalene	ND		0.035	mg/Kg-dry	1	06/24/12 09:45 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
Pentachlorophenol	ND		0.38	mg/Kg-dry	1	06/24/12 09:45 PM
Phenanthrene	ND		0.035	mg/Kg-dry	1	06/24/12 09:45 PM
Phenol	ND		0.18	mg/Kg-dry	1	06/24/12 09:45 PM
Pyrene	ND		0.035	mg/Kg-dry	1	06/24/12 09:45 PM
Surr: 2,4,6-Tribromophenol	*59.2*		*34-140*	*%REC*	1	06/24/12 09:45 PM
Surr: 2-Fluorobiphenyl	*56.8*		*12-100*	*%REC*	1	06/24/12 09:45 PM
Surr: 2-Fluorophenol	*63.2*		*33-117*	*%REC*	1	06/24/12 09:45 PM
Surr: 4-Terphenyl-d14	*69.8*		*25-137*	*%REC*	1	06/24/12 09:45 PM
Surr: Nitrobenzene-d5	*57.9*		*37-107*	*%REC*	1	06/24/12 09:45 PM
Surr: Phenol-d6	*63.5*		*40-106*	*%REC*	1	06/24/12 09:45 PM
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 06:08 AM
1,1,2,2-Tetrachloroethane	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
1,1,2-Trichloroethane	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
1,1,2-Trichlorotrifluoroethane	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
1,1-Dichloroethane	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
1,1-Dichloroethene	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
1,2,4-Trichlorobenzene	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
1,2-Dibromo-3-chloropropane	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
1,2-Dibromoethane	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
1,2-Dichlorobenzene	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
1,2-Dichloroethane	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
1,2-Dichloropropane	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
1,3-Dichlorobenzene	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
1,4-Dichlorobenzene	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
2-Butanone	ND		0.23	mg/Kg-dry	1	06/26/12 06:08 AM
2-Hexanone	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
4-Methyl-2-pentanone	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
Acetone	ND		0.12	mg/Kg-dry	1	06/26/12 06:08 AM
Benzene	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
Bromodichloromethane	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 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: 1206641
Sample ID: WP-B05-S01-061512-DP
Lab ID: 1206641-07
Collection Date: 06/15/12 11:32 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
Bromomethane	ND		0.087	mg/Kg-dry	1	06/26/12 06:08 AM
Carbon disulfide	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
Carbon tetrachloride	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
Chlorobenzene	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
Chloroethane	ND		0.12	mg/Kg-dry	1	06/26/12 06:08 AM
Chloroform	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
Chloromethane	ND		0.12	mg/Kg-dry	1	06/26/12 06:08 AM
cis-1,2-Dichloroethene	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
cis-1,3-Dichloropropene	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
Cyclohexane	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
Dibromochloromethane	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
Dichlorodifluoromethane	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
Ethylbenzene	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
Isopropylbenzene	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
Methyl acetate	ND		0.23	mg/Kg-dry	1	06/26/12 06:08 AM
Methyl tert-butyl ether	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
Methylcyclohexane	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
Methylene chloride	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
Styrene	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
Tetrachloroethene	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
Toluene	**0.16**		**0.035**	**mg/Kg-dry**	1	06/26/12 06:08 AM
trans-1,2-Dichloroethene	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
trans-1,3-Dichloropropene	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
Trichloroethene	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
Trichlorofluoromethane	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
Vinyl chloride	ND		0.035	mg/Kg-dry	1	06/26/12 06:08 AM
Xylenes, Total	ND		0.10	mg/Kg-dry	1	06/26/12 06:08 AM
Surr: 1,2-Dichloroethane-d4	*101*		*70-130*	*%REC*	1	06/26/12 06:08 AM
Surr: 4-Bromofluorobenzene	*101*		*70-130*	*%REC*	1	06/26/12 06:08 AM
Surr: Dibromofluoromethane	*94.2*		*70-130*	*%REC*	1	06/26/12 06:08 AM
Surr: Toluene-d8	*101*		*70-130*	*%REC*	1	06/26/12 06:08 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	**14**		**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: WP-B05-S01-061512-DP
Lab ID: 1206641-07
Collection Date: 06/15/12 11:32 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			**SW9045D**			Analyst: **JJG**
pH	**8.48**			**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: WP-B06-S01-061512 **Lab ID:** 1206641-08
Collection Date: 06/15/12 11:56 AM **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		0.0058	mg/Kg-dry	1	06/22/12 10:12 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	06/22/12 10:12 PM
2,4-D	ND		0.0058	mg/Kg-dry	1	06/22/12 10:12 PM
Surr: DCAA	*102*		*30-150*	*%REC*	1	06/22/12 10:12 PM
PCBS			**SW8082**		Prep Date: **06/21/12**	Analyst: **JD**
Aroclor 1016	ND		0.048	mg/Kg-dry	1	06/25/12 06:25 PM
Aroclor 1221	ND		0.048	mg/Kg-dry	1	06/25/12 06:25 PM
Aroclor 1232	ND		0.048	mg/Kg-dry	1	06/25/12 06:25 PM
Aroclor 1242	ND		0.048	mg/Kg-dry	1	06/25/12 06:25 PM
Aroclor 1248	ND		0.048	mg/Kg-dry	1	06/25/12 06:25 PM
Aroclor 1254	**2.8**		**0.048**	**mg/Kg-dry**	1	06/25/12 06:25 PM
Aroclor 1260	ND		0.048	mg/Kg-dry	1	06/25/12 06:25 PM
Surr: Decachlorobiphenyl	*94.1*		*40-140*	*%REC*	1	06/25/12 06:25 PM
PESTICIDES			**SW8081**		Prep Date: **06/21/12**	Analyst: **JD**
4,4'-DDD	ND		0.012	mg/Kg-dry	1	06/26/12 03:38 AM
4,4'-DDE	ND		0.012	mg/Kg-dry	1	06/26/12 03:38 AM
4,4'-DDT	ND		0.012	mg/Kg-dry	1	06/26/12 03:38 AM
Aldrin	ND		0.012	mg/Kg-dry	1	06/26/12 03:38 AM
alpha-BHC	ND		0.012	mg/Kg-dry	1	06/26/12 03:38 AM
alpha-Chlordane	ND		0.012	mg/Kg-dry	1	06/26/12 03:38 AM
beta-BHC	ND		0.012	mg/Kg-dry	1	06/26/12 03:38 AM
Chlordane, Technical	ND		0.030	mg/Kg-dry	1	06/26/12 03:38 AM
delta-BHC	ND		0.012	mg/Kg-dry	1	06/26/12 03:38 AM
Dieldrin	ND		0.012	mg/Kg-dry	1	06/26/12 03:38 AM
Endosulfan I	ND		0.012	mg/Kg-dry	1	06/26/12 03:38 AM
Endosulfan II	ND		0.012	mg/Kg-dry	1	06/26/12 03:38 AM
Endosulfan sulfate	ND		0.012	mg/Kg-dry	1	06/26/12 03:38 AM
Endrin	ND		0.012	mg/Kg-dry	1	06/26/12 03:38 AM
Endrin aldehyde	ND		0.012	mg/Kg-dry	1	06/26/12 03:38 AM
Endrin ketone	ND		0.012	mg/Kg-dry	1	06/26/12 03:38 AM
gamma-BHC (Lindane)	ND		0.012	mg/Kg-dry	1	06/26/12 03:38 AM
gamma-Chlordane	ND		0.012	mg/Kg-dry	1	06/26/12 03:38 AM
Heptachlor	ND		0.012	mg/Kg-dry	1	06/26/12 03:38 AM
Heptachlor epoxide	ND		0.012	mg/Kg-dry	1	06/26/12 03:38 AM
Methoxychlor	ND		0.012	mg/Kg-dry	1	06/26/12 03:38 AM
Toxaphene	ND		0.072	mg/Kg-dry	1	06/26/12 03:38 AM
Surr: Decachlorobiphenyl	*99.1*		*45-135*	*%REC*	1	06/26/12 03:38 AM
Surr: Tetrachloro-m-xylene	*83.1*		*45-124*	*%REC*	1	06/26/12 03:38 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: WP-B06-S01-061512
Lab ID: 1206641-08
Collection Date: 06/15/12 11:56 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **06/22/12**	Analyst: **LR**
Mercury	**0.022**		**0.019**	**mg/Kg-dry**	1	06/25/12 03:45 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **06/21/12**	Analyst: **ML**
Aluminum	**10,000**		**3.8**	**mg/Kg-dry**	4	06/26/12 05:46 PM
Antimony	ND		0.95	mg/Kg-dry	2	06/23/12 03:10 AM
Arsenic	**7.2**		**0.95**	**mg/Kg-dry**	2	06/23/12 03:10 AM
Barium	**55**		**0.95**	**mg/Kg-dry**	2	06/23/12 03:10 AM
Beryllium	**0.41**		**0.38**	**mg/Kg-dry**	2	06/23/12 03:10 AM
Boron	**13**		**7.6**	**mg/Kg-dry**	4	06/25/12 08:35 PM
Cadmium	ND		0.38	mg/Kg-dry	2	06/23/12 03:10 AM
Calcium	**41,000**		**190**	**mg/Kg-dry**	4	06/25/12 08:35 PM
Chromium	**15**		**0.95**	**mg/Kg-dry**	2	06/23/12 03:10 AM
Cobalt	**9.5**		**0.95**	**mg/Kg-dry**	2	06/23/12 03:10 AM
Copper	**29**		**0.95**	**mg/Kg-dry**	2	06/23/12 03:10 AM
Iron	**21,000**		**15**	**mg/Kg-dry**	2	06/23/12 03:10 AM
Lead	**13**		**0.95**	**mg/Kg-dry**	2	06/23/12 03:10 AM
Magnesium	**11,000**		**38**	**mg/Kg-dry**	2	06/23/12 03:10 AM
Manganese	**390**		**1.9**	**mg/Kg-dry**	4	06/25/12 08:35 PM
Nickel	**24**		**0.95**	**mg/Kg-dry**	2	06/23/12 03:10 AM
Potassium	**1,700**		**38**	**mg/Kg-dry**	2	06/23/12 03:10 AM
Selenium	**1.1**		**0.95**	**mg/Kg-dry**	2	06/23/12 03:10 AM
Silver	ND		0.95	mg/Kg-dry	2	06/23/12 03:10 AM
Sodium	**100**		**38**	**mg/Kg-dry**	2	06/23/12 03:10 AM
Thallium	ND		0.95	mg/Kg-dry	2	06/23/12 03:10 AM
Vanadium	**21**		**0.95**	**mg/Kg-dry**	2	06/23/12 03:10 AM
Zinc	**55**		**1.9**	**mg/Kg-dry**	2	06/23/12 03:10 AM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **06/21/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.40	mg/Kg-dry	1	06/24/12 07:49 PM
2,4,5-Trichlorophenol	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
2,4,6-Trichlorophenol	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
2,4-Dichlorophenol	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
2,4-Dimethylphenol	ND	UJ	0.40	mg/Kg-dry	1	06/24/12 07:49 PM
2,4-Dinitrophenol	ND		0.79	mg/Kg-dry	1	06/24/12 07:49 PM
2,4-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
2,6-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
2-Chloronaphthalene	ND		0.096	mg/Kg-dry	1	06/24/12 07:49 PM
2-Chlorophenol	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
2-Methylnaphthalene	ND		0.096	mg/Kg-dry	1	06/24/12 07:49 PM
2-Methylphenol	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM

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

LM
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: WP-B06-S01-061512
Lab ID: 1206641-08
Collection Date: 06/15/12 11:56 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.79	mg/Kg-dry	1	06/24/12 07:49 PM
2-Nitrophenol	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
3,3'-Dichlorobenzidine	ND		0.79	mg/Kg-dry	1	06/24/12 07:49 PM
3-Nitroaniline	ND		0.79	mg/Kg-dry	1	06/24/12 07:49 PM
4,6-Dinitro-2-methylphenol	ND		0.40	mg/Kg-dry	1	06/24/12 07:49 PM
4-Bromophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
4-Chloro-3-methylphenol	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
4-Chloroaniline	ND		0.79	mg/Kg-dry	1	06/24/12 07:49 PM
4-Chlorophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
4-Methylphenol	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
4-Nitroaniline	ND		0.79	mg/Kg-dry	1	06/24/12 07:49 PM
4-Nitrophenol	ND		0.79	mg/Kg-dry	1	06/24/12 07:49 PM
Acenaphthene	ND		0.036	mg/Kg-dry	1	06/24/12 07:49 PM
Acenaphthylene	ND		0.036	mg/Kg-dry	1	06/24/12 07:49 PM
Acetophenone	ND		0.40	mg/Kg-dry	1	06/24/12 07:49 PM
Anthracene	ND		0.036	mg/Kg-dry	1	06/24/12 07:49 PM
Atrazine	ND		0.40	mg/Kg-dry	1	06/24/12 07:49 PM
Benzaldehyde	ND		0.40	mg/Kg-dry	1	06/24/12 07:49 PM
Benzo(a)anthracene	ND		0.036	mg/Kg-dry	1	06/24/12 07:49 PM
Benzo(a)pyrene	ND		0.036	mg/Kg-dry	1	06/24/12 07:49 PM
Benzo(b)fluoranthene	ND		0.036	mg/Kg-dry	1	06/24/12 07:49 PM
Benzo(g,h,i)perylene	ND		0.036	mg/Kg-dry	1	06/24/12 07:49 PM
Benzo(k)fluoranthene	ND		0.036	mg/Kg-dry	1	06/24/12 07:49 PM
Bis(2-chloroethoxy)methane	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
Bis(2-chloroethyl)ether	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
Bis(2-chloroisopropyl)ether	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
Bis(2-ethylhexyl)phthalate	ND		0.40	mg/Kg-dry	1	06/24/12 07:49 PM
Butyl benzyl phthalate	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
Caprolactam	ND		0.40	mg/Kg-dry	1	06/24/12 07:49 PM
Carbazole	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
Chrysene	ND		0.036	mg/Kg-dry	1	06/24/12 07:49 PM
Dibenzo(a,h)anthracene	ND		0.036	mg/Kg-dry	1	06/24/12 07:49 PM
Dibenzofuran	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
Diethyl phthalate	ND		0.40	mg/Kg-dry	1	06/24/12 07:49 PM
Dimethyl phthalate	ND		0.40	mg/Kg-dry	1	06/24/12 07:49 PM
Di-n-butyl phthalate	ND		0.40	mg/Kg-dry	1	06/24/12 07:49 PM
Di-n-octyl phthalate	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
Fluoranthene	ND		0.036	mg/Kg-dry	1	06/24/12 07:49 PM
Fluorene	ND		0.036	mg/Kg-dry	1	06/24/12 07:49 PM
Hexachlorobenzene	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 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: 1206641
Sample ID: WP-B06-S01-061512
Lab ID: 1206641-08
Collection Date: 06/15/12 11:56 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
Hexachlorocyclopentadiene	ND		0.40	mg/Kg-dry	1	06/24/12 07:49 PM
Hexachloroethane	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
Indeno(1,2,3-cd)pyrene	ND		0.036	mg/Kg-dry	1	06/24/12 07:49 PM
Isophorone	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
Naphthalene	ND		0.036	mg/Kg-dry	1	06/24/12 07:49 PM
Nitrobenzene	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
N-Nitrosodi-n-propylamine	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
N-Nitrosodiphenylamine	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
Pentachlorophenol	ND		0.40	mg/Kg-dry	1	06/24/12 07:49 PM
Phenanthrene	ND		0.036	mg/Kg-dry	1	06/24/12 07:49 PM
Phenol	ND		0.19	mg/Kg-dry	1	06/24/12 07:49 PM
Pyrene	ND		0.036	mg/Kg-dry	1	06/24/12 07:49 PM
Surr: 2,4,6-Tribromophenol	*78.1*		*34-140*	*%REC*	1	06/24/12 07:49 PM
Surr: 2-Fluorobiphenyl	*62.1*		*12-100*	*%REC*	1	06/24/12 07:49 PM
Surr: 2-Fluorophenol	*70.8*		*33-117*	*%REC*	1	06/24/12 07:49 PM
Surr: 4-Terphenyl-d14	*78.3*		*25-137*	*%REC*	1	06/24/12 07:49 PM
Surr: Nitrobenzene-d5	*64.1*		*37-107*	*%REC*	1	06/24/12 07:49 PM
Surr: Phenol-d6	*71.5*		*40-106*	*%REC*	1	06/24/12 07:49 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**		Prep Date: **06/20/12**	Analyst: **BG**
1,1,1-Trichloroethane	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
1,1,2,2-Tetrachloroethane	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
1,1,2-Trichloroethane	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
1,1,2-Trichlorotrifluoroethane	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
1,1-Dichloroethane	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
1,1-Dichloroethene	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
1,2,4-Trichlorobenzene	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
1,2-Dibromo-3-chloropropane	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
1,2-Dibromoethane	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
1,2-Dichlorobenzene	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
1,2-Dichloroethane	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
1,2-Dichloropropane	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
1,3-Dichlorobenzene	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
1,4-Dichlorobenzene	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
2-Butanone	ND		0.25	mg/Kg-dry	1	06/26/12 06:35 AM
2-Hexanone	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
4-Methyl-2-pentanone	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
Acetone	ND		0.12	mg/Kg-dry	1	06/26/12 06:35 AM
Benzene	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
Bromodichloromethane	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 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: WP-B06-S01-061512
Lab ID: 1206641-08
Collection Date: 06/15/12 11:56 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
Bromomethane	ND		0.093	mg/Kg-dry	1	06/26/12 06:35 AM
Carbon disulfide	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
Carbon tetrachloride	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
Chlorobenzene	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
Chloroethane	ND		0.12	mg/Kg-dry	1	06/26/12 06:35 AM
Chloroform	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
Chloromethane	ND		0.12	mg/Kg-dry	1	06/26/12 06:35 AM
cis-1,2-Dichloroethene	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
cis-1,3-Dichloropropene	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
Cyclohexane	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
Dibromochloromethane	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
Dichlorodifluoromethane	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
Ethylbenzene	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
Isopropylbenzene	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
Methyl acetate	**0.64**	U	**0.25**	**mg/Kg-dry**	1	06/26/12 06:35 AM
Methyl tert-butyl ether	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
Methylcyclohexane	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
Methylene chloride	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
Styrene	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
Tetrachloroethene	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
Toluene	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
trans-1,2-Dichloroethene	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
trans-1,3-Dichloropropene	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
Trichloroethene	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
Trichlorofluoromethane	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
Vinyl chloride	ND		0.037	mg/Kg-dry	1	06/26/12 06:35 AM
Xylenes, Total	ND		0.11	mg/Kg-dry	1	06/26/12 06:35 AM
Surr: 1,2-Dichloroethane-d4	*104*		*70-130*	*%REC*	1	06/26/12 06:35 AM
Surr: 4-Bromofluorobenzene	*99.8*		*70-130*	*%REC*	1	06/26/12 06:35 AM
Surr: Dibromofluoromethane	*95.3*		*70-130*	*%REC*	1	06/26/12 06:35 AM
Surr: Toluene-d8	*99.4*		*70-130*	*%REC*	1	06/26/12 06:35 AM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **06/25/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.59	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	**17**		**0.050**	**% of sample**	1	06/20/12 03:15 PM

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: WP-B06-S01-061512
Lab ID: 1206641-08
Collection Date: 06/15/12 11:56 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			**SW9045D**			Analyst: **JJG**
pH	**8.46**			**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: WP-B01-S01-061512 **Lab ID:** 1206641-14
Collection Date: 06/15/12 11:08 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 09:08 AM
2,4-D	ND		0.0050	mg/L	1	06/25/12 09:08 AM
Surr: DCAA	*96.0*		*30-150*	*%REC*	1	06/25/12 09:08 AM
TCLP PESTICIDES			**SW8081**		Prep Date: **06/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	06/25/12 07:34 PM
Endrin	ND		0.00050	mg/L	1	06/25/12 07:34 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/25/12 07:34 PM
Heptachlor	ND		0.00025	mg/L	1	06/25/12 07:34 PM
Methoxychlor	ND		0.0025	mg/L	1	06/25/12 07:34 PM
Toxaphene	ND		0.020	mg/L	1	06/25/12 07:34 PM
Surr: Decachlorobiphenyl	*72.0*		*30-135*	*%REC*	1	06/25/12 07:34 PM
Surr: Tetrachloro-m-xylene	*41.0*		*25-140*	*%REC*	1	06/25/12 07:34 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/22/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/25/12 02:28 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 08:10 PM
Barium	**1.0**		**0.050**	**mg/L**	1	06/25/12 08:10 PM
Cadmium	ND		0.0020	mg/L	1	06/25/12 08:10 PM
Chromium	ND		0.020	mg/L	1	06/25/12 08:10 PM
Lead	ND		0.010	mg/L	1	06/23/12 08:29 AM
Selenium	ND		0.020	mg/L	1	06/25/12 08:10 PM
Silver	ND		0.0050	mg/L	1	06/25/12 08:10 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 07:19 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/23/12 07:19 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/23/12 07:19 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/23/12 07:19 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/23/12 07:19 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/23/12 07:19 PM
Hexachloroethane	ND		0.10	mg/L	1	06/23/12 07:19 PM
m-Cresol	ND		0.10	mg/L	1	06/23/12 07:19 PM
Nitrobenzene	ND		0.10	mg/L	1	06/23/12 07:19 PM
o-Cresol	ND		0.10	mg/L	1	06/23/12 07:19 PM
p-Cresol	ND		0.10	mg/L	1	06/23/12 07:19 PM
Pentachlorophenol	ND		0.40	mg/L	1	06/23/12 07:19 PM
Pyridine	ND		0.40	mg/L	1	06/23/12 07:19 PM
Surr: 2,4,6-Tribromophenol	*59.9*		*21-125*	*%REC*	1	06/23/12 07:19 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: WP-B01-S01-061512
Lab ID: 1206641-14
Collection Date: 06/15/12 11:08 AM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*45.6*		*39-94*	*%REC*	1	06/23/12 07:19 PM
Surr: 2-Fluorophenol	*29.0*		*10-75*	*%REC*	1	06/23/12 07:19 PM
Surr: 4-Terphenyl-d14	*61.8*		*26-119*	*%REC*	1	06/23/12 07:19 PM
Surr: Nitrobenzene-d5	*48.2*		*41-104*	*%REC*	1	06/23/12 07:19 PM
Surr: Phenol-d6	*17.0*		*11-50*	*%REC*	1	06/23/12 07:19 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/20/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.020	mg/L	20	06/23/12 04:31 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/23/12 04:31 AM
2-Butanone	ND		0.20	mg/L	20	06/23/12 04:31 AM
Benzene	ND		0.020	mg/L	20	06/23/12 04:31 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/23/12 04:31 AM
Chlorobenzene	ND		0.020	mg/L	20	06/23/12 04:31 AM
Chloroform	ND		0.020	mg/L	20	06/23/12 04:31 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/23/12 04:31 AM
Trichloroethene	ND		0.020	mg/L	20	06/23/12 04:31 AM
Vinyl chloride	ND		0.020	mg/L	20	06/23/12 04:31 AM
Surr: 1,2-Dichloroethane-d4	*95.1*		*70-130*	*%REC*	20	06/23/12 04:31 AM
Surr: 4-Bromofluorobenzene	*98.9*		*70-130*	*%REC*	20	06/23/12 04:31 AM
Surr: Dibromofluoromethane	*97.5*		*70-130*	*%REC*	20	06/23/12 04:31 AM
Surr: Toluene-d8	*100*		*70-130*	*%REC*	20	06/23/12 04:31 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: WP-B02-S01-061512 **Lab ID:** 1206641-15
Collection Date: 06/15/12 10:05 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 09:17 AM
2,4-D	ND		0.0050	mg/L	1	06/25/12 09:17 AM
Surr: DCAA	*103*		*30-150*	*%REC*	1	06/25/12 09:17 AM
TCLP PESTICIDES			**SW8081**		Prep Date: **06/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	06/25/12 07:49 PM
Endrin	ND		0.00050	mg/L	1	06/25/12 07:49 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/25/12 07:49 PM
Heptachlor	ND		0.00025	mg/L	1	06/25/12 07:49 PM
Methoxychlor	ND		0.0025	mg/L	1	06/25/12 07:49 PM
Toxaphene	ND		0.020	mg/L	1	06/25/12 07:49 PM
Surr: Decachlorobiphenyl	*63.0*		*30-135*	*%REC*	1	06/25/12 07:49 PM
Surr: Tetrachloro-m-xylene	*48.0*		*25-140*	*%REC*	1	06/25/12 07:49 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/22/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/25/12 02:30 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **06/22/12**	Analyst: **RH**
Arsenic	ND		0.010	mg/L	1	06/23/12 10:15 AM
Barium	**1.1**		**0.050**	**mg/L**	1	06/23/12 10:15 AM
Cadmium	ND		0.0020	mg/L	1	06/23/12 10:15 AM
Chromium	ND		0.020	mg/L	1	06/23/12 10:15 AM
Lead	ND		0.010	mg/L	1	06/23/12 10:15 AM
Selenium	ND		0.020	mg/L	1	06/23/12 10:15 AM
Silver	ND		0.0050	mg/L	1	06/23/12 10:15 AM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **06/21/12**	Analyst: **RM**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/23/12 07:54 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/23/12 07:54 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/23/12 07:54 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/23/12 07:54 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/23/12 07:54 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/23/12 07:54 PM
Hexachloroethane	ND		0.10	mg/L	1	06/23/12 07:54 PM
m-Cresol	ND		0.10	mg/L	1	06/23/12 07:54 PM
Nitrobenzene	ND		0.10	mg/L	1	06/23/12 07:54 PM
o-Cresol	ND		0.10	mg/L	1	06/23/12 07:54 PM
p-Cresol	ND		0.10	mg/L	1	06/23/12 07:54 PM
Pentachlorophenol	ND		0.40	mg/L	1	06/23/12 07:54 PM
Pyridine	ND		0.40	mg/L	1	06/23/12 07:54 PM
Surr: 2,4,6-Tribromophenol	*63.9*		*21-125*	*%REC*	1	06/23/12 07:54 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: WP-B02-S01-061512
Lab ID: 1206641-15
Collection Date: 06/15/12 10:05 AM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*49.6*		*39-94*	*%REC*	1	06/23/12 07:54 PM
Surr: 2-Fluorophenol	*33.0*		*10-75*	*%REC*	1	06/23/12 07:54 PM
Surr: 4-Terphenyl-d14	*82.4*		*26-119*	*%REC*	1	06/23/12 07:54 PM
Surr: Nitrobenzene-d5	*53.0*		*41-104*	*%REC*	1	06/23/12 07:54 PM
Surr: Phenol-d6	*18.7*		*11-50*	*%REC*	1	06/23/12 07:54 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/20/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.020	mg/L	20	06/23/12 04:57 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/23/12 04:57 AM
2-Butanone	ND		0.20	mg/L	20	06/23/12 04:57 AM
Benzene	ND		0.020	mg/L	20	06/23/12 04:57 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/23/12 04:57 AM
Chlorobenzene	ND		0.020	mg/L	20	06/23/12 04:57 AM
Chloroform	ND		0.020	mg/L	20	06/23/12 04:57 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/23/12 04:57 AM
Trichloroethene	ND		0.020	mg/L	20	06/23/12 04:57 AM
Vinyl chloride	ND		0.020	mg/L	20	06/23/12 04:57 AM
Surr: 1,2-Dichloroethane-d4	*101*		*70-130*	*%REC*	20	06/23/12 04:57 AM
Surr: 4-Bromofluorobenzene	*98.4*		*70-130*	*%REC*	20	06/23/12 04:57 AM
Surr: Dibromofluoromethane	*98.6*		*70-130*	*%REC*	20	06/23/12 04:57 AM
Surr: Toluene-d8	*99.2*		*70-130*	*%REC*	20	06/23/12 04:57 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: WP-B02-S02-061512 **Lab ID:** 1206641-16
Collection Date: 06/15/12 09:55 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 09:26 AM
2,4-D	ND		0.0050	mg/L	1	06/25/12 09:26 AM
Surr: DCAA	*102*		*30-150*	*%REC*	1	06/25/12 09:26 AM
TCLP PESTICIDES			**SW8081**		Prep Date: **06/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	06/25/12 08:04 PM
Endrin	ND		0.00050	mg/L	1	06/25/12 08:04 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/25/12 08:04 PM
Heptachlor	ND		0.00025	mg/L	1	06/25/12 08:04 PM
Methoxychlor	ND		0.0025	mg/L	1	06/25/12 08:04 PM
Toxaphene	ND		0.020	mg/L	1	06/25/12 08:04 PM
Surr: Decachlorobiphenyl	*73.0*		*30-135*	*%REC*	1	06/25/12 08:04 PM
Surr: Tetrachloro-m-xylene	*73.0*		*25-140*	*%REC*	1	06/25/12 08:04 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/22/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/25/12 02:32 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **06/22/12**	Analyst: **RH**
Arsenic	ND		0.010	mg/L	1	06/23/12 10:20 AM
Barium	**0.64**		**0.050**	**mg/L**	1	06/23/12 10:20 AM
Cadmium	ND		0.0020	mg/L	1	06/23/12 10:20 AM
Chromium	ND		0.020	mg/L	1	06/23/12 10:20 AM
Lead	ND		0.010	mg/L	1	06/23/12 10:20 AM
Selenium	ND		0.020	mg/L	1	06/23/12 10:20 AM
Silver	ND		0.0050	mg/L	1	06/23/12 10:20 AM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **06/21/12**	Analyst: **RM**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/23/12 08:29 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/23/12 08:29 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/23/12 08:29 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/23/12 08:29 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/23/12 08:29 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/23/12 08:29 PM
Hexachloroethane	ND		0.10	mg/L	1	06/23/12 08:29 PM
m-Cresol	ND		0.10	mg/L	1	06/23/12 08:29 PM
Nitrobenzene	ND		0.10	mg/L	1	06/23/12 08:29 PM
o-Cresol	ND		0.10	mg/L	1	06/23/12 08:29 PM
p-Cresol	ND		0.10	mg/L	1	06/23/12 08:29 PM
Pentachlorophenol	ND		0.40	mg/L	1	06/23/12 08:29 PM
Pyridine	ND		0.40	mg/L	1	06/23/12 08:29 PM
Surr: 2,4,6-Tribromophenol	*62.6*		*21-125*	*%REC*	1	06/23/12 08:29 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: WP-B02-S02-061512
Lab ID: 1206641-16
Collection Date: 06/15/12 09:55 AM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*48.4*		*39-94*	*%REC*	1	06/23/12 08:29 PM
Surr: 2-Fluorophenol	*30.3*		*10-75*	*%REC*	1	06/23/12 08:29 PM
Surr: 4-Terphenyl-d14	*87.1*		*26-119*	*%REC*	1	06/23/12 08:29 PM
Surr: Nitrobenzene-d5	*51.1*		*41-104*	*%REC*	1	06/23/12 08:29 PM
Surr: Phenol-d6	*18.1*		*11-50*	*%REC*	1	06/23/12 08:29 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/20/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.020	mg/L	20	06/23/12 05:24 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/23/12 05:24 AM
2-Butanone	ND		0.20	mg/L	20	06/23/12 05:24 AM
Benzene	ND		0.020	mg/L	20	06/23/12 05:24 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/23/12 05:24 AM
Chlorobenzene	ND		0.020	mg/L	20	06/23/12 05:24 AM
Chloroform	ND		0.020	mg/L	20	06/23/12 05:24 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/23/12 05:24 AM
Trichloroethene	ND		0.020	mg/L	20	06/23/12 05:24 AM
Vinyl chloride	ND		0.020	mg/L	20	06/23/12 05:24 AM
Surr: 1,2-Dichloroethane-d4	*99.1*		*70-130*	*%REC*	20	06/23/12 05:24 AM
Surr: 4-Bromofluorobenzene	*100*		*70-130*	*%REC*	20	06/23/12 05:24 AM
Surr: Dibromofluoromethane	*98.2*		*70-130*	*%REC*	20	06/23/12 05:24 AM
Surr: Toluene-d8	*99.3*		*70-130*	*%REC*	20	06/23/12 05:24 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: WP-B03-S01-061512
Lab ID: 1206641-17
Collection Date: 06/15/12 10:20 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 09:35 AM
2,4-D	ND		0.0050	mg/L	1	06/25/12 09:35 AM
Surr: DCAA	*102*		*30-150*	*%REC*	1	06/25/12 09:35 AM
TCLP PESTICIDES			**SW8081**		Prep Date: **06/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	06/25/12 08:18 PM
Endrin	ND		0.00050	mg/L	1	06/25/12 08:18 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/25/12 08:18 PM
Heptachlor	ND		0.00025	mg/L	1	06/25/12 08:18 PM
Methoxychlor	ND		0.0025	mg/L	1	06/25/12 08:18 PM
Toxaphene	ND		0.020	mg/L	1	06/25/12 08:18 PM
Surr: Decachlorobiphenyl	*72.0*		*30-135*	*%REC*	1	06/25/12 08:18 PM
Surr: Tetrachloro-m-xylene	*57.0*		*25-140*	*%REC*	1	06/25/12 08:18 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/22/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/25/12 02:46 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **06/22/12**	Analyst: **RH**
Arsenic	**0.011**		**0.010**	**mg/L**	1	06/23/12 10:26 AM
Barium	**0.58**		**0.050**	**mg/L**	1	06/23/12 10:26 AM
Cadmium	ND		0.0020	mg/L	1	06/23/12 10:26 AM
Chromium	ND		0.020	mg/L	1	06/23/12 10:26 AM
Lead	ND		0.010	mg/L	1	06/23/12 10:26 AM
Selenium	ND		0.020	mg/L	1	06/23/12 10:26 AM
Silver	ND		0.0050	mg/L	1	06/23/12 10:26 AM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **06/21/12**	Analyst: **RM**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/23/12 09:02 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/23/12 09:02 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/23/12 09:02 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/23/12 09:02 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/23/12 09:02 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/23/12 09:02 PM
Hexachloroethane	ND		0.10	mg/L	1	06/23/12 09:02 PM
m-Cresol	ND		0.10	mg/L	1	06/23/12 09:02 PM
Nitrobenzene	ND		0.10	mg/L	1	06/23/12 09:02 PM
o-Cresol	ND		0.10	mg/L	1	06/23/12 09:02 PM
p-Cresol	ND		0.10	mg/L	1	06/23/12 09:02 PM
Pentachlorophenol	ND		0.40	mg/L	1	06/23/12 09:02 PM
Pyridine	ND		0.40	mg/L	1	06/23/12 09:02 PM
Surr: 2,4,6-Tribromophenol	*64.8*		*21-125*	*%REC*	1	06/23/12 09:02 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: WP-B03-S01-061512
Lab ID: 1206641-17
Collection Date: 06/15/12 10:20 AM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*51.2*		*39-94*	*%REC*	1	06/23/12 09:02 PM
Surr: 2-Fluorophenol	*31.2*		*10-75*	*%REC*	1	06/23/12 09:02 PM
Surr: 4-Terphenyl-d14	*84.6*		*26-119*	*%REC*	1	06/23/12 09:02 PM
Surr: Nitrobenzene-d5	*54.4*		*41-104*	*%REC*	1	06/23/12 09:02 PM
Surr: Phenol-d6	*17.4*		*11-50*	*%REC*	1	06/23/12 09:02 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/20/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.020	mg/L	20	06/23/12 05:50 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/23/12 05:50 AM
2-Butanone	ND		0.20	mg/L	20	06/23/12 05:50 AM
Benzene	ND		0.020	mg/L	20	06/23/12 05:50 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/23/12 05:50 AM
Chlorobenzene	ND		0.020	mg/L	20	06/23/12 05:50 AM
Chloroform	ND		0.020	mg/L	20	06/23/12 05:50 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/23/12 05:50 AM
Trichloroethene	ND		0.020	mg/L	20	06/23/12 05:50 AM
Vinyl chloride	ND		0.020	mg/L	20	06/23/12 05:50 AM
Surr: 1,2-Dichloroethane-d4	*99.5*		*70-130*	*%REC*	20	06/23/12 05:50 AM
Surr: 4-Bromofluorobenzene	*98.0*		*70-130*	*%REC*	20	06/23/12 05:50 AM
Surr: Dibromofluoromethane	*99.8*		*70-130*	*%REC*	20	06/23/12 05:50 AM
Surr: Toluene-d8	*98.1*		*70-130*	*%REC*	20	06/23/12 05:50 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: WP-B04-S01-061512 **Lab ID:** 1206641-18
Collection Date: 06/15/12 10:44 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 09:43 AM
2,4-D	ND		0.0050	mg/L	1	06/25/12 09:43 AM
Surr: DCAA	*98.8*		*30-150*	*%REC*	1	06/25/12 09:43 AM
TCLP PESTICIDES			**SW8081**		Prep Date: **06/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	06/25/12 08:33 PM
Endrin	ND		0.00050	mg/L	1	06/25/12 08:33 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/25/12 08:33 PM
Heptachlor	ND		0.00025	mg/L	1	06/25/12 08:33 PM
Methoxychlor	ND		0.0025	mg/L	1	06/25/12 08:33 PM
Toxaphene	ND		0.020	mg/L	1	06/25/12 08:33 PM
Surr: Decachlorobiphenyl	*76.0*		*30-135*	*%REC*	1	06/25/12 08:33 PM
Surr: Tetrachloro-m-xylene	*90.0*		*25-140*	*%REC*	1	06/25/12 08:33 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/22/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/25/12 02:48 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **06/22/12**	Analyst: **RH**
Arsenic	**0.023**		**0.010**	**mg/L**	1	06/23/12 10:31 AM
Barium	**1.2**		**0.050**	**mg/L**	1	06/23/12 10:31 AM
Cadmium	ND		0.0020	mg/L	1	06/23/12 10:31 AM
Chromium	ND		0.020	mg/L	1	06/23/12 10:31 AM
Lead	ND		0.010	mg/L	1	06/23/12 10:31 AM
Selenium	ND		0.020	mg/L	1	06/23/12 10:31 AM
Silver	ND		0.0050	mg/L	1	06/23/12 10:31 AM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **06/21/12**	Analyst: **RM**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/23/12 09:35 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/23/12 09:35 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/23/12 09:35 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/23/12 09:35 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/23/12 09:35 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/23/12 09:35 PM
Hexachloroethane	ND		0.10	mg/L	1	06/23/12 09:35 PM
m-Cresol	ND		0.10	mg/L	1	06/23/12 09:35 PM
Nitrobenzene	ND		0.10	mg/L	1	06/23/12 09:35 PM
o-Cresol	ND		0.10	mg/L	1	06/23/12 09:35 PM
p-Cresol	ND		0.10	mg/L	1	06/23/12 09:35 PM
Pentachlorophenol	ND		0.40	mg/L	1	06/23/12 09:35 PM
Pyridine	ND		0.40	mg/L	1	06/23/12 09:35 PM
Surr: 2,4,6-Tribromophenol	*68.6*		*21-125*	*%REC*	1	06/23/12 09:35 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: WP-B04-S01-061512
Lab ID: 1206641-18
Collection Date: 06/15/12 10:44 AM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*55.1*		*39-94*	*%REC*	1	06/23/12 09:35 PM
Surr: 2-Fluorophenol	*35.6*		*10-75*	*%REC*	1	06/23/12 09:35 PM
Surr: 4-Terphenyl-d14	*67.9*		*26-119*	*%REC*	1	06/23/12 09:35 PM
Surr: Nitrobenzene-d5	*57.5*		*41-104*	*%REC*	1	06/23/12 09:35 PM
Surr: Phenol-d6	*21.6*		*11-50*	*%REC*	1	06/23/12 09:35 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/20/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.020	mg/L	20	06/23/12 06:17 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/23/12 06:17 AM
2-Butanone	ND		0.20	mg/L	20	06/23/12 06:17 AM
Benzene	ND		0.020	mg/L	20	06/23/12 06:17 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/23/12 06:17 AM
Chlorobenzene	ND		0.020	mg/L	20	06/23/12 06:17 AM
Chloroform	ND		0.020	mg/L	20	06/23/12 06:17 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/23/12 06:17 AM
Trichloroethene	ND		0.020	mg/L	20	06/23/12 06:17 AM
Vinyl chloride	ND		0.020	mg/L	20	06/23/12 06:17 AM
Surr: 1,2-Dichloroethane-d4	*98.2*		*70-130*	*%REC*	20	06/23/12 06:17 AM
Surr: 4-Bromofluorobenzene	*98.3*		*70-130*	*%REC*	20	06/23/12 06:17 AM
Surr: Dibromofluoromethane	*99.2*		*70-130*	*%REC*	20	06/23/12 06:17 AM
Surr: Toluene-d8	*98.5*		*70-130*	*%REC*	20	06/23/12 06:17 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: WP-B05-S01-061512 **Lab ID:** 1206641-19
Collection Date: 06/15/12 11:32 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 09:52 AM
2,4-D	ND		0.0050	mg/L	1	06/25/12 09:52 AM
Surr: DCAA	*93.4*		*30-150*	*%REC*	1	06/25/12 09:52 AM
TCLP PESTICIDES			**SW8081**		Prep Date: **06/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	06/25/12 08:47 PM
Endrin	ND		0.00050	mg/L	1	06/25/12 08:47 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/25/12 08:47 PM
Heptachlor	ND		0.00025	mg/L	1	06/25/12 08:47 PM
Methoxychlor	ND		0.0025	mg/L	1	06/25/12 08:47 PM
Toxaphene	ND		0.020	mg/L	1	06/25/12 08:47 PM
Surr: Decachlorobiphenyl	*83.0*		*30-135*	*%REC*	1	06/25/12 08:47 PM
Surr: Tetrachloro-m-xylene	*45.0*		*25-140*	*%REC*	1	06/25/12 08:47 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/22/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/25/12 02:50 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 12:33 AM
Barium	**0.62**		**0.050**	**mg/L**	1	06/26/12 12:33 AM
Cadmium	**0.0022**		**0.0020**	**mg/L**	1	06/26/12 12:33 AM
Chromium	ND		0.020	mg/L	1	06/26/12 12:33 AM
Lead	ND		0.010	mg/L	1	06/26/12 12:33 AM
Selenium	ND		0.020	mg/L	1	06/26/12 12:33 AM
Silver	ND		0.0050	mg/L	1	06/26/12 12:33 AM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **06/21/12**	Analyst: **RM**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/23/12 10:11 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/23/12 10:11 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/23/12 10:11 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/23/12 10:11 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/23/12 10:11 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/23/12 10:11 PM
Hexachloroethane	ND		0.10	mg/L	1	06/23/12 10:11 PM
m-Cresol	ND		0.10	mg/L	1	06/23/12 10:11 PM
Nitrobenzene	ND		0.10	mg/L	1	06/23/12 10:11 PM
o-Cresol	ND		0.10	mg/L	1	06/23/12 10:11 PM
p-Cresol	ND		0.10	mg/L	1	06/23/12 10:11 PM
Pentachlorophenol	ND		0.40	mg/L	1	06/23/12 10:11 PM
Pyridine	ND		0.40	mg/L	1	06/23/12 10:11 PM
Surr: 2,4,6-Tribromophenol	*58.5*		*21-125*	*%REC*	1	06/23/12 10:11 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: WP-B05-S01-061512
Lab ID: 1206641-19
Collection Date: 06/15/12 11:32 AM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*46.3*		*39-94*	*%REC*	1	06/23/12 10:11 PM
Surr: 2-Fluorophenol	*28.7*		*10-75*	*%REC*	1	06/23/12 10:11 PM
Surr: 4-Terphenyl-d14	*64.5*		*26-119*	*%REC*	1	06/23/12 10:11 PM
Surr: Nitrobenzene-d5	*47.3*		*41-104*	*%REC*	1	06/23/12 10:11 PM
Surr: Phenol-d6	*18.0*		*11-50*	*%REC*	1	06/23/12 10:11 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/20/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.020	mg/L	20	06/23/12 06:43 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/23/12 06:43 AM
2-Butanone	ND		0.20	mg/L	20	06/23/12 06:43 AM
Benzene	ND		0.020	mg/L	20	06/23/12 06:43 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/23/12 06:43 AM
Chlorobenzene	ND		0.020	mg/L	20	06/23/12 06:43 AM
Chloroform	ND		0.020	mg/L	20	06/23/12 06:43 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/23/12 06:43 AM
Trichloroethene	ND		0.020	mg/L	20	06/23/12 06:43 AM
Vinyl chloride	ND		0.020	mg/L	20	06/23/12 06:43 AM
Surr: 1,2-Dichloroethane-d4	*96.9*		*70-130*	*%REC*	20	06/23/12 06:43 AM
Surr: 4-Bromofluorobenzene	*97.2*		*70-130*	*%REC*	20	06/23/12 06:43 AM
Surr: Dibromofluoromethane	*99.6*		*70-130*	*%REC*	20	06/23/12 06:43 AM
Surr: Toluene-d8	*100*		*70-130*	*%REC*	20	06/23/12 06:43 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: WP-B05-S01-061512-DP **Lab ID:** 1206641-20
Collection Date: 06/15/12 11:32 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 10:01 AM
2,4-D	ND		0.0050	mg/L	1	06/25/12 10:01 AM
Surr: DCAA	*109*		*30-150*	*%REC*	1	06/25/12 10:01 AM
TCLP PESTICIDES			**SW8081**		Prep Date: **06/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	06/25/12 09:02 PM
Endrin	ND		0.00050	mg/L	1	06/25/12 09:02 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/25/12 09:02 PM
Heptachlor	ND		0.00025	mg/L	1	06/25/12 09:02 PM
Methoxychlor	ND		0.0025	mg/L	1	06/25/12 09:02 PM
Toxaphene	ND		0.020	mg/L	1	06/25/12 09:02 PM
Surr: Decachlorobiphenyl	*68.0*		*30-135*	*%REC*	1	06/25/12 09:02 PM
Surr: Tetrachloro-m-xylene	*49.0*		*25-140*	*%REC*	1	06/25/12 09:02 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/22/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/25/12 02:53 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 12:38 AM
Barium	**0.31**		**0.050**	**mg/L**	1	06/26/12 12:38 AM
Cadmium	ND		0.0020	mg/L	1	06/26/12 12:38 AM
Chromium	ND		0.020	mg/L	1	06/26/12 12:38 AM
Lead	ND		0.010	mg/L	1	06/26/12 12:38 AM
Selenium	ND		0.020	mg/L	1	06/26/12 12:38 AM
Silver	ND		0.0050	mg/L	1	06/26/12 12:38 AM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **06/21/12**	Analyst: **RM**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/23/12 10:45 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/23/12 10:45 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/23/12 10:45 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/23/12 10:45 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/23/12 10:45 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/23/12 10:45 PM
Hexachloroethane	ND		0.10	mg/L	1	06/23/12 10:45 PM
m-Cresol	ND		0.10	mg/L	1	06/23/12 10:45 PM
Nitrobenzene	ND		0.10	mg/L	1	06/23/12 10:45 PM
o-Cresol	ND		0.10	mg/L	1	06/23/12 10:45 PM
p-Cresol	ND		0.10	mg/L	1	06/23/12 10:45 PM
Pentachlorophenol	ND		0.40	mg/L	1	06/23/12 10:45 PM
Pyridine	ND		0.40	mg/L	1	06/23/12 10:45 PM
Surr: 2,4,6-Tribromophenol	*63.1*		*21-125*	*%REC*	1	06/23/12 10:45 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: 1206641
Sample ID: WP-B05-S01-061512-DP
Lab ID: 1206641-20
Collection Date: 06/15/12 11:32 AM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*52.5*		*39-94*	*%REC*	1	06/23/12 10:45 PM
Surr: 2-Fluorophenol	*31.6*		*10-75*	*%REC*	1	06/23/12 10:45 PM
Surr: 4-Terphenyl-d14	*68.2*		*26-119*	*%REC*	1	06/23/12 10:45 PM
Surr: Nitrobenzene-d5	*54.7*		*41-104*	*%REC*	1	06/23/12 10:45 PM
Surr: Phenol-d6	*18.9*		*11-50*	*%REC*	1	06/23/12 10:45 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/20/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.020	mg/L	20	06/23/12 07:09 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/23/12 07:09 AM
2-Butanone	ND		0.20	mg/L	20	06/23/12 07:09 AM
Benzene	ND		0.020	mg/L	20	06/23/12 07:09 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/23/12 07:09 AM
Chlorobenzene	ND		0.020	mg/L	20	06/23/12 07:09 AM
Chloroform	ND		0.020	mg/L	20	06/23/12 07:09 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/23/12 07:09 AM
Trichloroethene	ND		0.020	mg/L	20	06/23/12 07:09 AM
Vinyl chloride	ND		0.020	mg/L	20	06/23/12 07:09 AM
Surr: 1,2-Dichloroethane-d4	*98.8*		*70-130*	*%REC*	20	06/23/12 07:09 AM
Surr: 4-Bromofluorobenzene	*97.2*		*70-130*	*%REC*	20	06/23/12 07:09 AM
Surr: Dibromofluoromethane	*99.9*		*70-130*	*%REC*	20	06/23/12 07:09 AM
Surr: Toluene-d8	*99.9*		*70-130*	*%REC*	20	06/23/12 07:09 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: WP-B06-S01-061512 **Lab ID:** 1206641-21
Collection Date: 06/15/12 11:56 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 10:09 AM
2,4-D	ND		0.0050	mg/L	1	06/25/12 10:09 AM
Surr: DCAA	*90.8*		*30-150*	*%REC*	1	06/25/12 10:09 AM
TCLP PESTICIDES			**SW8081**		Prep Date: **06/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	06/25/12 09:17 PM
Endrin	ND		0.00050	mg/L	1	06/25/12 09:17 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/25/12 09:17 PM
Heptachlor	ND		0.00025	mg/L	1	06/25/12 09:17 PM
Methoxychlor	ND		0.0025	mg/L	1	06/25/12 09:17 PM
Toxaphene	ND		0.020	mg/L	1	06/25/12 09:17 PM
Surr: Decachlorobiphenyl	*88.0*		*30-135*	*%REC*	1	06/25/12 09:17 PM
Surr: Tetrachloro-m-xylene	*70.0*		*25-140*	*%REC*	1	06/25/12 09:17 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **06/25/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	06/26/12 12:54 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 12:43 AM
Barium	**0.73**		**0.050**	**mg/L**	1	06/26/12 12:43 AM
Cadmium	**0.0054**		**0.0020**	**mg/L**	1	06/26/12 12:43 AM
Chromium	ND		0.020	mg/L	1	06/26/12 12:43 AM
Lead	ND		0.010	mg/L	1	06/26/12 12:43 AM
Selenium	ND		0.020	mg/L	1	06/26/12 12:43 AM
Silver	ND		0.0050	mg/L	1	06/26/12 12:43 AM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **06/25/12**	Analyst: **RM**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/26/12 04:02 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/26/12 04:02 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/26/12 04:02 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/26/12 04:02 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/26/12 04:02 AM
Hexachlorobenzene	ND		0.10	mg/L	1	06/26/12 04:02 AM
Hexachloroethane	ND		0.10	mg/L	1	06/26/12 04:02 AM
m-Cresol	ND		0.10	mg/L	1	06/26/12 04:02 AM
Nitrobenzene	ND		0.10	mg/L	1	06/26/12 04:02 AM
o-Cresol	ND		0.10	mg/L	1	06/26/12 04:02 AM
p-Cresol	ND		0.10	mg/L	1	06/26/12 04:02 AM
Pentachlorophenol	ND		0.40	mg/L	1	06/26/12 04:02 AM
Pyridine	ND		0.40	mg/L	1	06/26/12 04:02 AM
Surr: 2,4,6-Tribromophenol	*65.4*		*21-125*	*%REC*	1	06/26/12 04:02 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: WP-B06-S01-061512
Lab ID: 1206641-21
Collection Date: 06/15/12 11:56 AM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*51.4*		*39-94*	*%REC*	1	06/26/12 04:02 AM
Surr: 2-Fluorophenol	*32.6*		*10-75*	*%REC*	1	06/26/12 04:02 AM
Surr: 4-Terphenyl-d14	*62.7*		*26-119*	*%REC*	1	06/26/12 04:02 AM
Surr: Nitrobenzene-d5	*53.5*		*41-104*	*%REC*	1	06/26/12 04:02 AM
Surr: Phenol-d6	*20.0*		*11-50*	*%REC*	1	06/26/12 04:02 AM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **06/21/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.020	mg/L	20	06/23/12 07:36 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/23/12 07:36 AM
2-Butanone	ND		0.20	mg/L	20	06/23/12 07:36 AM
Benzene	ND		0.020	mg/L	20	06/23/12 07:36 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/23/12 07:36 AM
Chlorobenzene	ND		0.020	mg/L	20	06/23/12 07:36 AM
Chloroform	ND		0.020	mg/L	20	06/23/12 07:36 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/23/12 07:36 AM
Trichloroethene	ND		0.020	mg/L	20	06/23/12 07:36 AM
Vinyl chloride	ND		0.020	mg/L	20	06/23/12 07:36 AM
Surr: 1,2-Dichloroethane-d4	*95.7*		*70-130*	*%REC*	20	06/23/12 07:36 AM
Surr: 4-Bromofluorobenzene	*99.0*		*70-130*	*%REC*	20	06/23/12 07:36 AM
Surr: Dibromofluoromethane	*99.2*		*70-130*	*%REC*	20	06/23/12 07:36 AM
Surr: Toluene-d8	*98.3*		*70-130*	*%REC*	20	06/23/12 07:36 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