APPENDIX K

SITE ASSESSMENT REPORT
FOR THE
EASTERN SANDUSKY COUNTY DUMPS SITE
VICKERY, SANDUSKY COUNTY, OHIO

TOWNSEND TOWNSHIP DUMP SITE

County Road 322
Vickery, Ohio 43464
Latitude: 41.3804° North
Longitude: -82.9401° West

June 29, 2012

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ABBREVIATIONS AND ACRONYMS

ALS	ALS Laboratory Group
bgs	Below ground surface
CFR	Code of Federal Regulations
EM	Electromagnetic
ft	Feet, Foot
GPR	Ground-Penetrating Radar
HDPE	High-Density Polyethylene
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NGS	National Geochemical Survey
PCB	Polychlorinated Biphenyl
PID	Photoionization Detector
ppm	Parts Per Million
RSL	Regional Screening Level
START	Superfund Technical Assessment and Response Team
TAL	Target Analyte List
TCLP	Toxicity Characteristic Leaching Procedure
U.S. EPA	United States Environmental Protection Agency
USGS	United States Geological Survey
VOC	Volatile Organic Compound

1. SITE BACKGROUND

1.1 SITE DESCRIPTION

The Townsend Township Dump Site (Site) is located west of County Road 322, in Vickery, Ohio. The geographical coordinates are latitude 41.3804° North and longitude -82.9401° West (**Figure K1**). The waste footprint on the Site encompasses approximately 3.69 acres, according to the Sandusky County Auditor's Tax Map Department (**Figure K2**). The Site is residential, and is surrounded by private residences to the east and south and agricultural land to the north and west.

1.2 SITE HISTORY

The approximate extent of the waste deposit was determined from analysis of 1950, 1964, and 1970 aerial photographs. According to an Ohio Department of Health report dated October 30, 2009, wastes associated with this Site were likely general refuse from township and village residents. No other historical documentation about the Site has been located at this time. There was no further information with regard to the type of waste and the time frame of waste disposal operations at the Site. A summary of the historical documents obtained from the U.S. EPA and Ohio EPA is provided in **Appendix K1**.

1.2.1 Historical Aerial Photograph Review

The U.S. EPA provided Superfund Technical Assessment and Response Team (START) with historical aerial photographs from 1950, 1964, and 1970. START was also able to review historical aerial photographs (1995, 2004 through 2006, and 2009 through 2011) available on Google® Earth. The 1950 aerial photograph shows signs of trailers and piles of material on the north end of the Site. The southern end of the Site is primarily covered by trees and vegetation, which appear to be undisturbed.

The 1964 aerial photograph shows an excavation pit (possibly filled with water) in the southern two-thirds of the Site. The 1964 photograph also shows an expanded roadway, which appears to be an extension of County Road 293 that enters the Site from the northeast.

The 1970 aerial photograph shows the excavation pit still existed on the Site, with the northeastern portion being backfilled. The roadway extension of County Road 293 appears less distinct on the Site.

There are no signs of an excavation pit on the 1995 aerial photograph. However, surface debris and trails are evident on the Site. A review of a 2004 aerial photograph still shows trails and a metal trailer in the central portion of the Site. There was no evidence of further dumping and an increase in tree cover is visible in the 2004 photograph. The 2005 aerial photograph reveals some surface dumping in the west-central portion of the Site. The 2009, 2010, and 2011 aerial photographs do not reveal any further activity on the site. The trails seen on previous photographs are no longer visible.

1.2.2 Historical Topographic Map Review

START conducted a review of available historical topographic maps pertaining to the Site. The Site appears on the 1957 and 1969 United States Geological Survey (USGS) Vickery quadrangle. The 1957 and 1969 topographic maps show a water-filled excavation covering most of the area on the Site. The 1957 and 1969 topographic maps show undeveloped areas to the west of the Site, and some residential buildings to the east and south of the Site.

1.2.3 Certified Sanborn Map Review

Sanborn maps were not available for the Site.

1.2.4 City Directory Abstract

City directories were not available for the Site.

1.2.5 Building Permit Review

Building permit data was not available for the Site.

1.2.6 Environmental Lien Search Review

Environmental lien data was not available for the Site.

1.2.7 Property Tax Map Review

Property tax maps were not available for the Site.

2. SITE ASSESSMENT ACTIVITIES

On February 13, 2012, the U.S. EPA On-Scene Coordinators (OSCs) and WESTON START mobilized to the area to begin field work at the former dump sites. A geophysical survey was conducted first, and the preliminary data was used to adjust the locations of the soil borings proposed at each site. At the Townsend Township Dump Site, samples of soil and groundwater were collected and submitted for laboratory analysis, as detailed in the following subsections. Photographic documentation of the Site and field activities is presented in **Appendix K2**.

2.1 GEOPHYSICAL SURVEY

On February 13, 2012, THG Geophysics, Ltd., mobilized to the Site to image the subsurface using electromagnetic (EM) terrain conductivity and ground-penetrating radar (GPR) mapping techniques. This included use of the quadrature and in-phase components of the EM field to generate images of both terrain conductivity and metals. The geophysical survey report is presented in **Appendix K3**.

2.2 SUBSURFACE SOIL CHARACTERIZATION

On February 14, 2012, the U.S. EPA OSCs, START members, and Buckeye Probe mobilized to the Site for advancement of soil borings at six locations (**Figure K3**). The operator used a track-mounted hydraulic direct push-probe rig to recover continuous soil cores from each boring location. START characterized the soil on separate boring logs (**Appendix K4**).

Sampling locations and depth intervals were selected based on preliminary findings of the geophysical survey, historical data, field observations, and field screening results. Soil boring TD-B06 was advanced outside and down gradient of the approximate limits of the suspected waste disposal areas. Soil borings TD-B01, TD-B02, TD-B03, TD-B04, and TD-B05 were placed within the approximate limits of the suspected waste disposal areas on the Site. The six soil borings were completed at depths ranging from 8 to 16 feet (ft) below ground surface (bgs).

One soil sample was collected from soil borings TD-B04 and TD-B05. Two soil samples were collected from soil borings TD-B01, TD-B03, and TD-B06. Because of poor sample recovery, no soil samples were collected from soil boring TD-B02. Samples were collected in laboratory-

supplied containers and placed in a cooler on ice for delivery to the laboratory, ALS Laboratory Group (ALS) in Holland, Michigan, under chain-of-custody control. Refer to the February 2, 2012, *Field Sampling Plan* for details on sample collection, preservation, and handling procedures.

2.3 GROUNDWATER WELL INSTALLATION AND SAMPLING

Groundwater samples were collected on February 14 and 15, 2012, from three temporary monitoring wells installed in soil borings TD-B02, TD-B03, and TD-B06 (**Figure K3**).

Samples were collected utilizing low-flow groundwater sampling techniques with a peristaltic pump and Teflon-lined high-density polyethylene (HDPE) tubing placed in the wells in the middle of the screened interval. This ensured samples representative of groundwater conditions in the geological formation were collected as indicated by stable field parameters for dissolved oxygen, oxidation/reduction potential, conductivity, temperature, and turbidity as measured with a YSI Inc. Model 556 water-quality monitoring instrument equipped with a flow-through cell and HANNA Instruments turbidimeter. Samples were collected in laboratory-supplied containers and placed in a cooler on ice for delivery to ALS in Holland, Michigan, under chain-of-custody control. Refer to the February 2, 2012, *Field Sampling Plan* for details on sample collection, preservation, and handling procedures.

3. RESULTS

3.1 PHYSICAL FINDINGS

Descriptions of the physical findings of the site assessment activities are presented in the following subsections.

3.1.1 Geophysical Survey Results

During the geophysical survey at the Site, the waste lagoon did not image well and that the waste had either been excavated or because the Site received recalcitrant waste (refer to **Figure K3)**. THG did note that the terrain conductivity was slightly elevated in the dump area and may be evidence of the waste. The in-phase map did not show the presence of metal waste on the Site. The geophysical survey report is presented in **Appendix K3**.

3.1.2 Subsurface Soil Physical Results

The subsurface soil investigation at the Site indicated that the upper 6 to 8 ft of soil was predominantly fill material. This material was characterized as mottled yellow-brown and gray clay with some silt, which was soft, had some concrete/slag debris, and exhibited either black or red staining. Underlying this fill material was lacustrine clay deposits with silt seams. All soil borings were advanced to the underlying lacustrine deposit, which would represent undisturbed strata on the Site.

3.1.3 Groundwater Physical Results

The depth to water at the three temporary monitoring wells ranged from 2.35 to 5.03 ft below top of casing. **Figure K4** illustrates a westward direction of groundwater flow potential at the Site. This does not correlate with historical information, which indicated that a creek or drainage ditch historically ran along the western edge of the Site, as well as the current presence of surface water in a topographic low point to the north-northwest of the temporary monitoring wells and geophysical evidence of higher conductivity plumes migrating onto the Site from the east and south.

3.1.4 Soil Vapor Physical Results

Preliminary field screening of the soil headspace with a MultiRAE photoionization detector (PID) indicated that total volatile organic compound (VOC) readings ranged from 0 to 10.6 parts per million (ppm). The 10.6-ppm VOC reading was recorded at a depth of 0 to 2 ft bgs in soil boring TD-B03.

3.2 LABORATORY ANALYTICAL FINDINGS

At the Site, samples of soil and groundwater were collected and submitted for laboratory analysis. The soil sample results were compared to the U.S. EPA Regional Screening Levels (RSL) and the U.S. EPA Maximum Concentration of Contaminants for the Toxicity Characteristic (40 CFR 261.24). The groundwater sample results were compared to the National Primary Drinking Water Regulations Maximum Contaminant Levels (MCL), The results are detailed in the following subsections.

3.2.1 Subsurface Soil Analytical Results

The soil samples were analyzed by the laboratory for VOCs, Toxicity Characteristic Leaching Procedure (TCLP) VOCs, Semivolatile Organic Compounds (SVOCs), TCLP SVOCs, Total Target Analyte List (TAL) Metals, TCLP Metals, Pesticides, TCLP Pesticides, Herbicides, TCLP Herbicides, and Polychlorinated Biphenyls (PCBs). The soil analytical results are presented in **Table K1**. The analytical data validation reports are presented in **Appendix K5**.

Total arsenic was detected above the U.S. EPA Residential Regional Screening Level (RSL) of 0.39 mg/kg for all of the samples collected, at concentrations ranging from 4.4 to 11 mg/kg. Total manganese was also detected above the respective RSL in the soil sample and duplicate sample collected from soil boring AL-B06 (0 to 2 ft).

Several SVOCs were detected in concentrations above their respective RSLs in soil borings TD-B01, TD-B03, TD-B05, and TD-B06. These SVOCs include benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene. Except for TD-B03, these SVOCs were predominantly found in soil samples collected from the 0- to 2-ft-bgs interval. In addition, benzo(k)fluoranthene was detected above its respective RSL in soil boring TD-B03 (8 to 10 ft).

These SVOCs are likely present as the result of incomplete combustion of waste material, which may indicate that incinerated waste was disposed of on the Site or waste was burned at this Site. No other analytes measured were detected above their respective RSLs. **Figure K5** illustrates the soil sample analytical results which exceeded the Residential RSLs. Contaminants were not detected in the TCLP samples at concentrations above the U.S. EPA Maximum Concentration of Contaminants for the Toxicity Characteristic (40 CFR 261.24).

3.2.2 Groundwater Analytical Results

The three groundwater samples were analyzed by the laboratory for VOCs, TCLP VOCs, SVOCs, TCLP SVOCs, Total TAL Metals, TCLP Metals, Pesticides, TCLP Pesticides, Herbicides, TCLP Herbicides, PCBs, pH, and flashpoint. Because of a field error, the groundwater samples from the soil boring TD-B02 temporary monitoring well were labeled TD-B01-W01-021412 and TD-B01-W01-021412-DP. The groundwater analytical results are presented in **Table K2**. The analytical data validation reports are presented in **Appendix K5**. Analytes were not detected above their respective MCLs.

4. CONCLUSIONS

The tasks completed as part of this Site Assessment were designed to document the distribution and concentrations of potential contaminants at the Site. A total of six soil borings and three temporary groundwater monitoring wells were installed at the Site, and samples were collected for analysis at an off-site laboratory.

Soil sample results indicated that two metals, arsenic and manganese, are present at the Site in concentrations above their respective RSLs. In particular, arsenic was present above the RSL in all of the soil samples, at shallow depths. Arsenic was detected above the RSL of 0.39 mg/kg at concentrations of 4.4 mg/g to 11.0 mg/kg. Limited information was available on the background concentration of arsenic in the soils of Sandusky County, Ohio. A USGS National Geochemical Survey (NGS) indicated that the range of arsenic in Sandusky County is 8.5 to 42.7 mg/kg, with a mean of 13.2 mg/kg. In addition, a report written for the Ohio EPA indicated that the range for arsenic within Ohio is 0.5 to 56 mg/kg, with a median value of 5.80 mg/kg (Cox & Colvin, 1996), which is similar to the results of the USGS study, but did not include samples from Sandusky County. None of the TCLP analyses resulted in contaminant detections above the U.S. EPA Maximum Concentration of Contaminants for the Toxicity Characteristic (40 CFR 261.24).

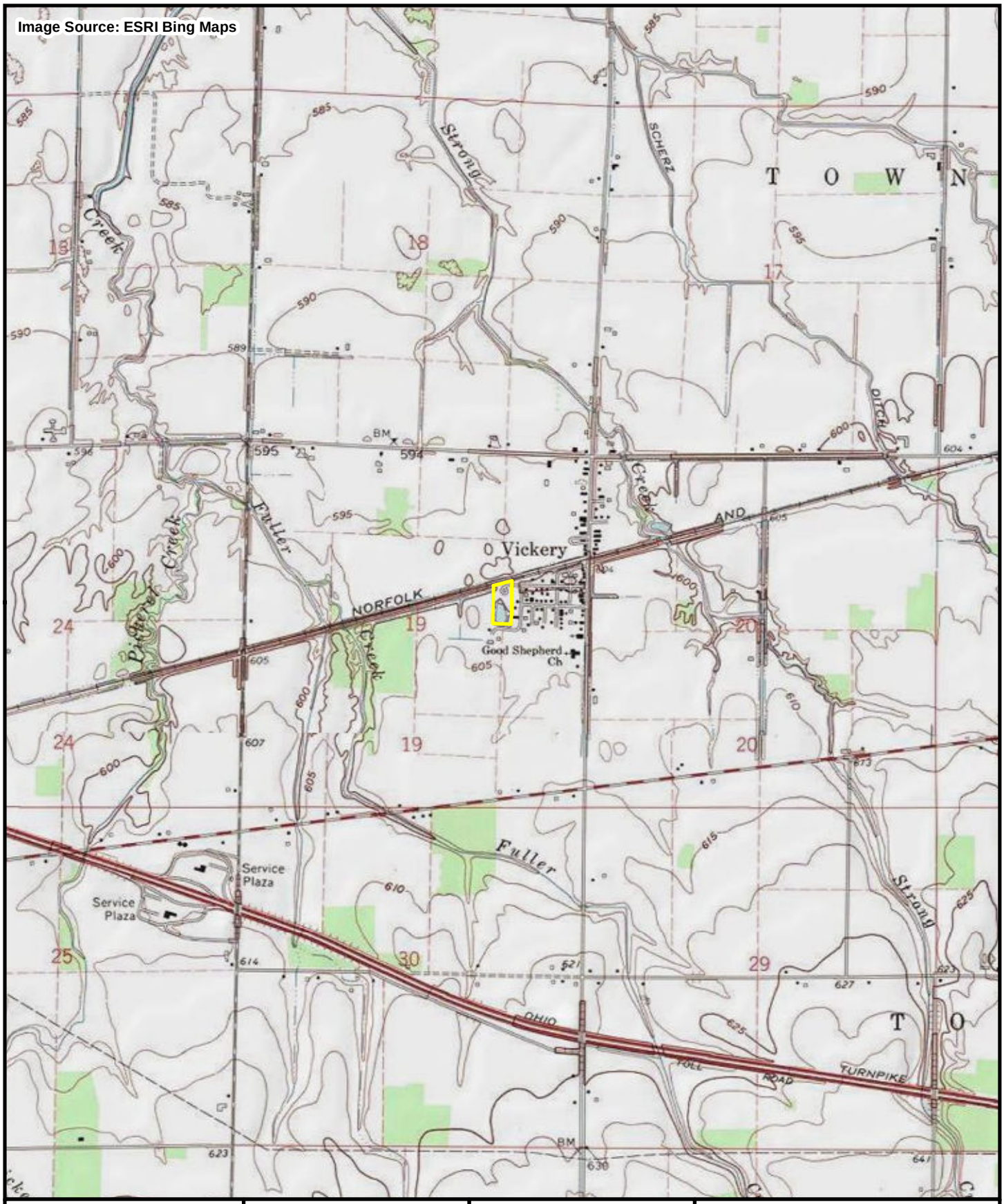
Several SVOCs, including benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene were detected in soil samples collected at shallow depths in soil borings located in west-central and northern portions of the site. A U.S. EPA Toxicologist reviewed the data for the high SVOC concentrations in the shallow soil and concluded that there is no risk posed to the public. A copy of the report is included as Appendix L6. Contaminants were not detected in the groundwater samples. None of the TCLP analyses resulted in contaminant detections above the U.S. EPA Maximum Concentration of Contaminants for the Toxicity Characteristic (40 CFR 261.24), indicating that the sampled media was not characteristically hazardous waste.

Access to the Site is partially restricted by a chain link fence with a gate, but the fence is not continuous around the Site. The Site is covered by grass, and no farming is done at the Site. No

drums, barrels, tanks, or other bulk storage containers were discovered at the Site and the geophysical survey results did not indicate the presence of buried drums or tanks.

Based on the findings of this Site Assessment, U.S. EPA will not be undertaking an emergency or time-critical removal action pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, 42 U.S.C. 9601 et seq.

FIGURES



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Legend

Subject Property

0 2,000 Feet

N

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U.S. EPA REGION V

Contract No: EP-S5-06-04
TDD: S05-0001-1111-033
DCN: 1691-2A-AVDK

Prepared By:
WESTON SOLUTIONS, INC

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Figure K-1
Site Location Map
Townsend Township Dump Site
Eastern Sandusky County Dumps SA
Sandusky County, Ohio

Legend

Subject Property

0 500 Feet

N

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Figure K-2
Site Features Map
Townsend Township Dump Site
Eastern Sandusky County Dumps SA
Sandusky County, Ohio

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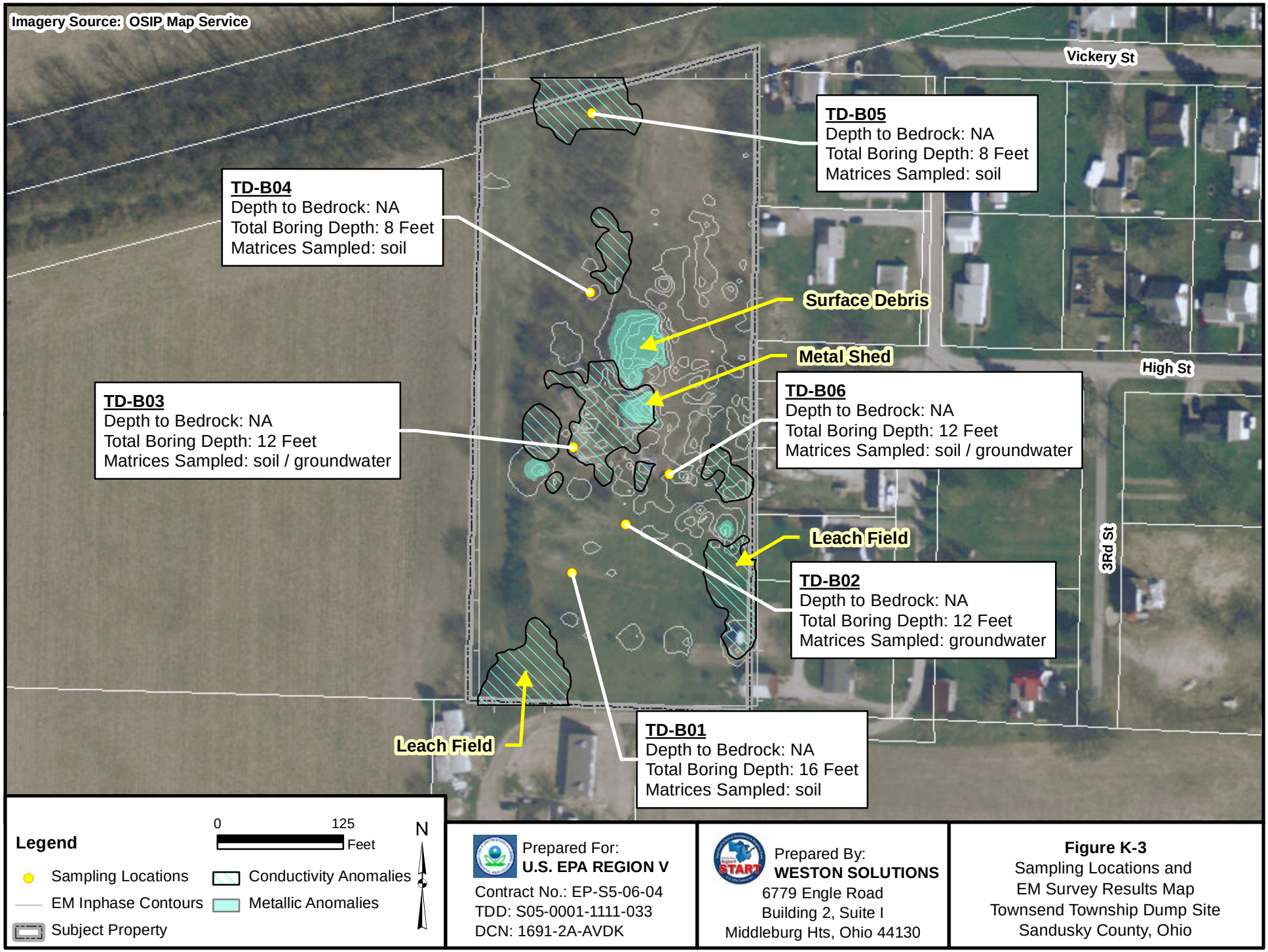

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Figure K-3
Sampling Locations and
EM Survey Results Map
Townsend Township Dump Site
Sandusky County, Ohio

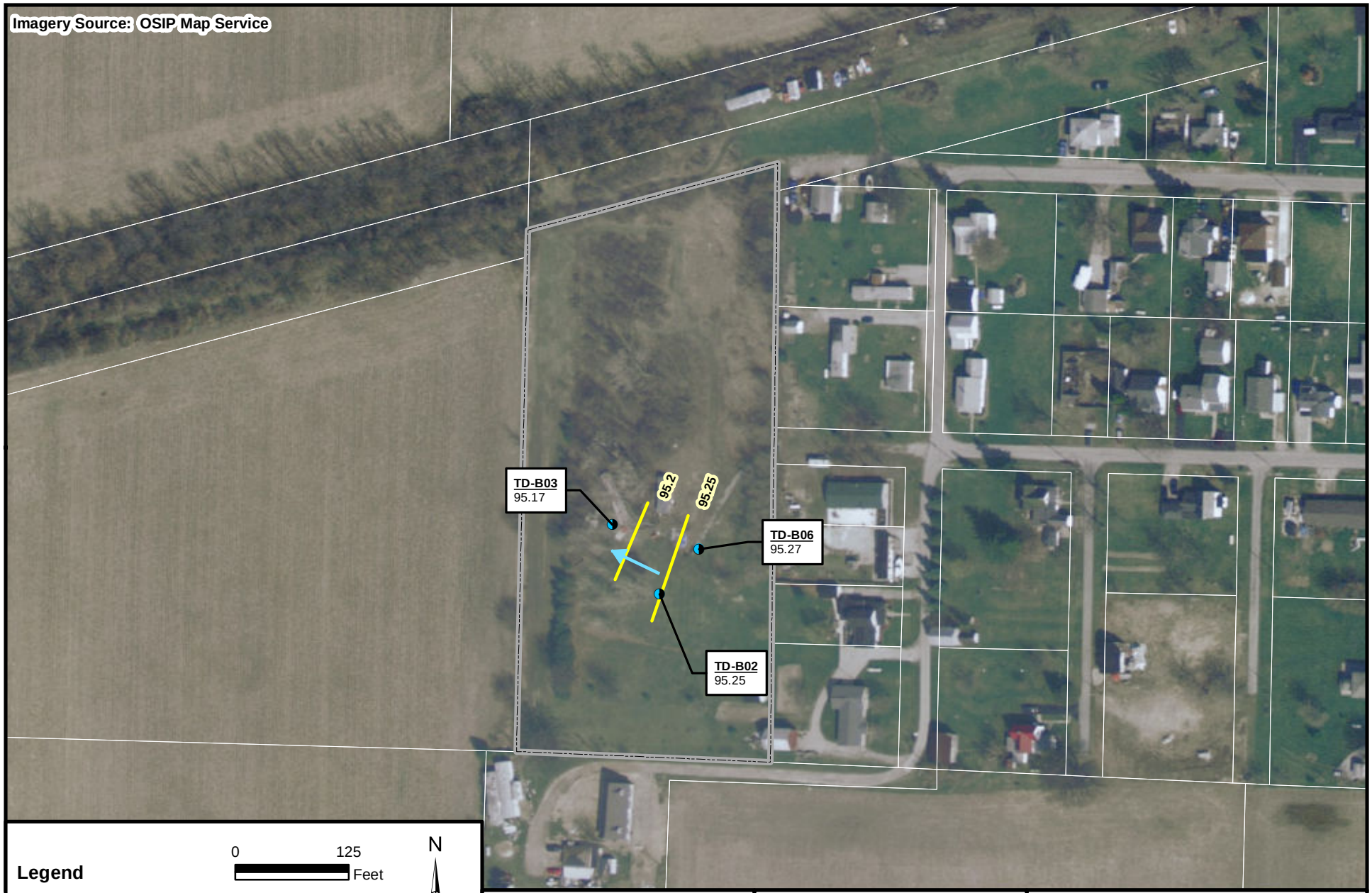

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Figure K-4
Groundwater Potentiometric Surface Map
Townsend Township Dump Site
Sandusky County, Ohio

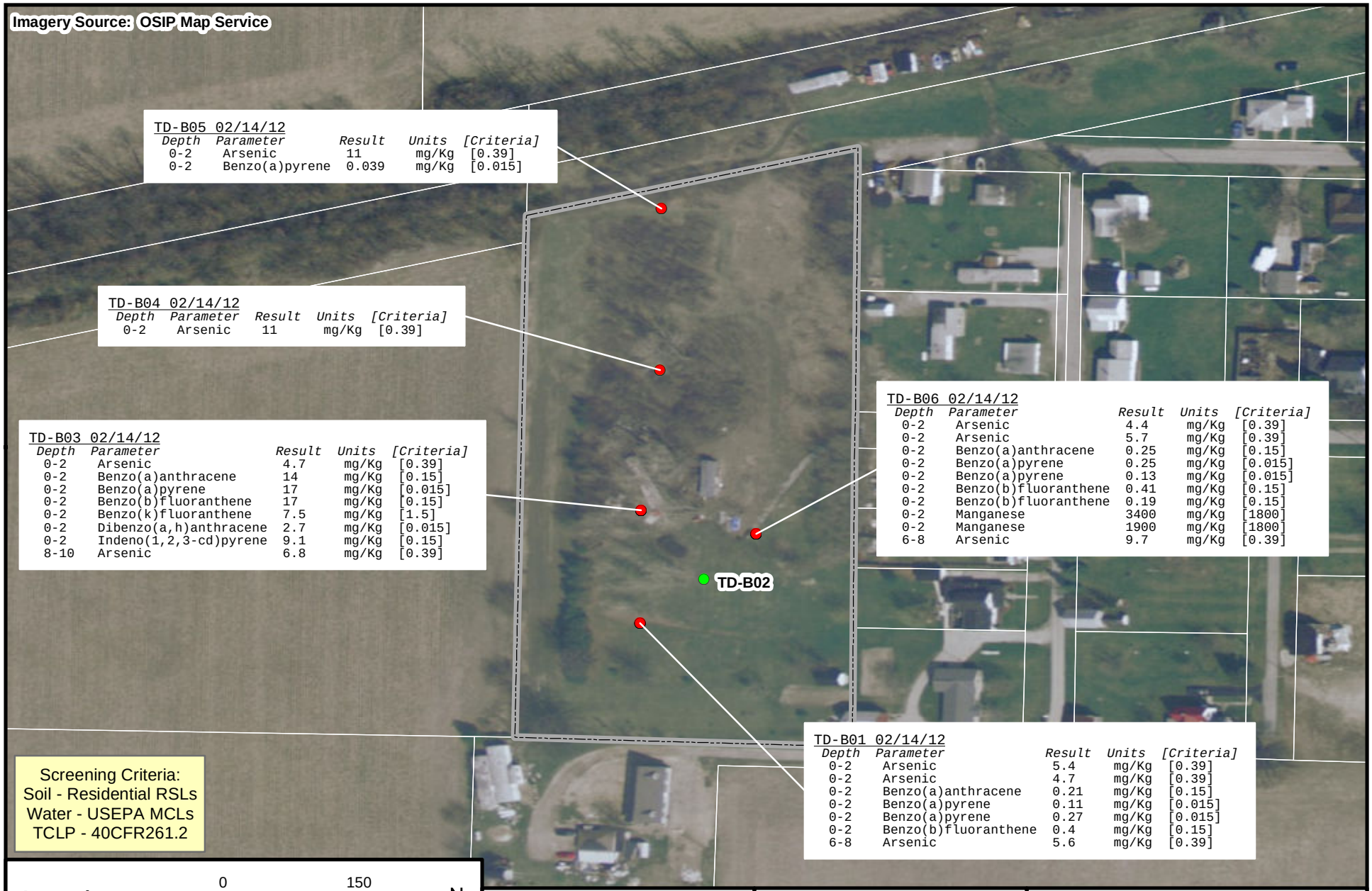

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Figure K-5
Soil and Groundwater Analytical Results
Exceeding Screening Criteria
Townsend Township Dump Site
Sandusky County, Ohio

TABLES

TABLE L1
SOIL ANALYTICAL RESULTS
Volatile Organic Compounds and Semi-Volatile Organic Compounds
Townsend Township Dump Site
Clyde, Sandusky County, Ohio

				Site	Townsend Township Dump									
				Location ID	TD-B01	TD-B01	TD-B01	TD-B03	TD-B03	TD-B04	TD-B05	TD-B06	TD-B06	TD-B06
				Field Sample ID	TD-B01-S01-021412	TD-B01-S01-021412-DP	TD-B01-S02-021412	TD-B03-S01-021412	TD-B03-S02-021412	TD-B04-S01-021412	TD-B05-S01-021412	TD-B06-S01-021412	TD-B06-S01-021412-DP	TD-B06-S02-021412
				Sample Date	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012
				Sample Depth (ft bgs)	0-2	0-2	6-8	8-10	0-2	0-2	0-2	0-2	0-2	6-8
Volatile Organic Compounds (VOCs)														
Analytical Method	**Chemical Name**	**Units**	***Residential RSL**											
SW8260	1,1,2,2-Tetrachloroethane	mg/Kg	0.56		0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.13 U	0.13 U	0.11 U	0.11 U	0.13 U
SW8260	1,1,2-Trichloroethane	mg/Kg	1.1		0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.13 U	0.13 U	0.11 U	0.11 U	0.13 U
SW8260	1,1,2-Trichlorotrifluoroethane	mg/Kg	43000		0.059 U	0.059 U	0.062 U	0.062 U	0.059 U	0.064 U	0.063 U	0.056 U	0.057 U	0.064 U
SW8260	1,1,1-Trichloroethane	mg/Kg	8700		0.059 U	0.059 U	0.062 U	0.062 U	0.059 U	0.064 U	0.063 U	0.056 U	0.057 U	0.064 U
SW8260	1,1-Dichloroethane	mg/Kg	3.3		0.059 U	0.059 U	0.062 U	0.062 U	0.059 U	0.064 U	0.063 U	0.056 U	0.057 U	0.064 U
SW8260	1,1-Dichloroethene	mg/Kg	240		0.059 U	0.059 U	0.062 U	0.062 U	0.059 U	0.064 U	0.063 U	0.056 U	0.057 U	0.064 U
SW8260	1,2,4-Trichlorobenzene	mg/Kg	22		0.059 U	0.059 U	0.062 U	0.062 U	0.059 U	0.064 U	0.063 U	0.056 U	0.057 U	0.064 U
SW8260	1,2-Dibromo-3-chloropropane	mg/Kg	0.0054		0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.13 U	0.13 U	0.11 U	0.11 U	0.13 U
SW8260	1,2-Dibromoethane	mg/Kg	0.034		0.089 U	0.089 U	0.093 U	0.094 U	0.089 U	0.095 U	0.094 U	0.084 U	0.085 U	0.095 U
SW8260	1,2-Dichlorobenzene	mg/Kg	1900		0.059 U	0.059 U	0.062 U	0.062 U	0.059 U	0.064 U	0.063 U	0.056 U	0.057 U	0.064 U
SW8260	1,2-Dichloroethane	mg/Kg	0.43		0.059 U	0.059 U	0.062 U	0.062 U	0.059 U	0.064 U	0.063 U	0.056 U	0.057 U	0.064 U
SW8260	1,2-Dichloropropane	mg/Kg	0.94		0.21 U	0.21 U	0.22 U	0.22 U	0.21 U	0.22 U	0.22 U	0.2 U	0.2 U	0.22 U
SW8260	1,3-Dichlorobenzene	mg/Kg	NA		0.059 U	0.059 U	0.062 U	0.062 U	0.059 U	0.064 U	0.063 U	0.056 U	0.057 U	0.064 U
SW8260	1,4-Dichlorobenzene	mg/Kg	2.4		0.059 U	0.059 U	0.062 U	0.062 U	0.059 U	0.064 U	0.063 U	0.056 U	0.057 U	0.064 U
SW8260	2-Butanone	mg/Kg	28000		0.45 U	0.44 U	0.47 U	0.47 U	0.44 U	0.48 U	0.47 U	0.42 U	0.43 U	0.48 U
SW8260	2-Hexanone	mg/Kg	210		0.3 U	0.3 U	0.31 U	0.31 U	0.3 U	0.32 U	0.31 U	0.28 U	0.28 U	0.32 U
SW8260	4-Methyl-2-pentanone	mg/Kg	5300		0.3 U	0.3 U	0.31 U	0.31 U	0.3 U	0.32 U	0.31 U	0.28 U	0.28 U	0.32 U
SW8260	Acetone	mg/Kg	61000		0.27 U	0.27 U	0.28 U	0.28 U	0.27 U	0.29 U	0.28 U	0.25 U	0.26 U	0.29 U
SW8260	Benzene	mg/Kg	1.1		0.059 U	0.059 U	0.062 U	0.062 U	0.059 U	0.064 U	0.063 U	0.056 U	0.057 U	0.064 U
SW8260	Bromodichloromethane	mg/Kg	0.27		0.089 U	0.089 U	0.093 U	0.094 U	0.089 U	0.095 U	0.094 U	0.084 U	0.085 U	0.095 U
SW8260	Bromoform	mg/Kg	62		0.059 U	0.059 U	0.062 U	0.062 U	0.059 U	0.064 U	0.063 U	0.056 U	0.057 U	0.064 U
SW8260	Bromomethane	mg/Kg	7.3		0.089 U	0.089 U	0.093 U	0.094 U	0.089 U	0.095 U	0.094 U	0.084 U	0.085 U	0.095 U
SW8260	Carbon disulfide	mg/Kg	820		0.089 U	0.089 U	0.093 U	0.094 U	0.089 U	0.095 U	0.094 U	0.084 U	0.085 U	0.095 U
SW8260	Carbon tetrachloride	mg/Kg	0.61		0.059 U	0.059 U	0.062 U	0.062 U	0.059 U	0.064 U	0.063 U	0.056 U	0.057 U	0.064 U
SW8260	Chlorobenzene	mg/Kg	290		0.089 U	0.089 U	0.093 U	0.094 U	0.089 U	0.095 U	0.094 U	0.084 U	0.085 U	0.095 U
SW8260	Chloroethane	mg/Kg	15000		0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.17 U	0.19 U
SW8260	Chloroform	mg/Kg	0.29		0.059 U	0.059 U	0.062 U	0.062 U	0.059 U	0.064 U	0.063 U	0.056 U	0.057 U	0.064 U
SW8260	Chloromethane	mg/Kg	120		0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.17 U	0.19 U
SW8260	cis-1,2-Dichloroethene	mg/Kg	160		0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.13 U	0.13 U	0.11 U	0.11 U	0.13 U
SW8260	cis-1,3-Dichloropropene	mg/Kg	NA		0.059 U	0.059 U	0.062 U	0.062 U	0.059 U	0.064 U	0.063 U	0.056 U	0.057 U	0.064 U
SW8260	Cyclohexane	mg/Kg	7000		0.059 U	0.059 U	0.062 U	0.062 U	0.059 U	0.064 U	0.063 U	0.056 U	0.057 U	0.064 U
SW8260	Dibromochloromethane	mg/Kg	0.68		0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.13 U	0.13 U	0.11 U	0.11 U	0.13 U
SW8260	Dichlorodifluoromethane	mg/Kg	94		0.059 U	0.059 U	0.062 U	0.062 U	0.059 U	0.064 U	0.063 U	0.056 U	0.057 U	0.064 U
SW8260	Ethylbenzene	mg/Kg	5.4		0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.13 U	0.13 U	0.11 U	0.11 U	0.13 U
SW8260	Isopropylbenzene	mg/Kg	2100		0.059 U	0.059 U	0.062 U	0.062 U	0.059 U	0.064 U	0.063 U	0.056 U	0.057 U	0.064 U
SW8260	Methyl acetate	mg/Kg	78000		0.21 U	0.41 U	0.56 U	0.14 U	0.59 U	0.41 U	0.4 U	0.48 U	0.68 U	0.7 U
SW8260	Methyl tert-butyl ether	mg/Kg	43		0.089 U	0.089 U	0.093 U	0.094 U	0.089 U	0.095 U	0.094 U	0.084 U	0.085 U	0.095 U
SW8260	Methylcyclohexane	mg/Kg	NA		1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.3 U	1.3 U	1.1 U	1.1 U	1.3 U
SW8260	Methylene chloride	mg/Kg	11		0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.13 U	0.13 U	0.11 U	0.11 U	0.13 U
SW8260	Styrene	mg/Kg	6300		0.089 U	0.089 U	0.093 U	0.094 U	0.089 U	0.095 U	0.094 U	0.084 U	0.085 U	0.095 U
SW8260	Tetrachloroethene	mg/Kg	0.55		0.059 U	0.059 U	0.062 U	0.062 U	0.059 U	0.064 U	0.063 U	0.056 U	0.057 U	0.064 U
SW8260	Toluene	mg/Kg	5000		0.089 U	0.089 U	0.093 U	0.094 U	0.089 U	0.095 U	0.094 U	0.084 U	0.085 U	0.095 U
SW8260	trans-1,2-Dichloroethene	mg/Kg	150		0.059 U	0.059 U	0.062 U	0.062 U	0.059 U	0.064 U	0.063 U	0.056 U	0.057 U	0.064 U
SW8260	trans-1,3-Dichloropropene	mg/Kg	NA		0.089 U	0.089 U	0.093 U	0.094 U	0.089 U	0.095 U	0.094 U	0.084 U	0.085 U	0.095 U
SW8260	Trichloroethene	mg/Kg	0.91		0.059 U	0.059 U	0.062 U	0.062 U	0.059 U	0.064 U	0.063 U	0.056 U	0.057 U	0.064 U
SW8260	Trichlorofluoromethane	mg/Kg	790		0.059 U	0.059 U	0.062 U	0.062 U	0.059 U	0.064 U	0.063 U	0.056 U	0.057 U	0.064 U
SW8260	Vinyl chloride	mg/Kg	0.06		0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.13 U	0.13 U	0.11 U	0.11 U	0.13 U
SW8260	Xylenes, Total	mg/Kg	630		0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.17 U	0.19 U
Semi-Volatile Organic Compounds (SVOCs)														
SW8270	1,1-Biphenyl	mg/Kg	51		0.39 U	0.38 U	0.4 U	0.4 U	19 U	0.41 U	0.41 U	0.37 U	0.36 U	0.41 U
SW8270	2,4,5-Trichlorophenol	mg/Kg	6100		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	2,4,6-Trichlorophenol	mg/Kg	44		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	2,4-Dichlorophenol	mg/Kg	180		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	2,4-Dimethylphenol	mg/Kg	1200		0.39 U	0.38 U	0.4 U	0.4 U	19 U	0.41 U	0.41 U	0.37 U	0.36 U	0.41 U
SW8270	2,4-Dinitrophenol	mg/Kg	120		0.78 U	0.76 U	0.79 U	0.81 U	39 U	0.82 U	0.83 U	0.74 U	0.73 U	0.83 U
SW8270	2,4-Dinitrotoluene	mg/Kg	1.6		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	2,6-Dinitrotoluene	mg/Kg	61		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	2-Chloronaphthalene	mg/Kg	6300		0.094 U	0.092 U	0.096 U	0.098 U	4.7 U	0.099 U	0.1 U	0.089 U	0.088 U	0.1 U
SW8270	2-Chlorophenol	mg/Kg	390		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	2-Methylnaphthalene	mg/Kg	310		0.094 U	0.092 U	0.096 U	0.098 U	4.7 U	0.099 U	0.1 U	0.089 U	0.088 U	0.1 U
SW8270	2-Nitroaniline	mg/Kg	610		0.78 U	0.76 U	0.79 U	0.81 U	39 U	0.82 U	0.83 U	0.74 U	0.73 U	0.83 U
SW8270	2-Nitrophenol	mg/Kg	NA		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	3,3-Dichlorobenzidine	mg/Kg	1.1		0.78 U	0.76 U	0.79 U	0.81 U	39 U	0.82 U	0.83 U	0.74 U	0.73 U	0.83 U
SW8270	3-Nitroaniline	mg/Kg	NA		0.78 U	0.76 U	0.79 U	0.81 U	39 U	0.82 U	0.83 U	0.74 U	0.73 U	0.83 U
SW8270	4,6-Dinitro-2-methylphenol	mg/Kg	4.9		0.39 U	0.38 U	0.4 U	0.4 U	19 U	0.41 U	0.41 U	0.37 U	0.36 U	0.41 U
SW8270	4-Bromophenyl phenyl ether	mg/Kg	NA		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	4-Chloro-3-methylphenol	mg/Kg	6100		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	4-Chloroaniline	mg/Kg	2.4		0.78 U	0.76 U	0.79 U	0.81 U	39 U	0.82 U	0.83 U	0.74 U	0.73 U	0.83 U
SW8270	4-Chlorophenyl phenyl ether	mg/Kg	NA		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	4-Nitroaniline	mg/Kg	24		0.78 U	0.76 U	0.79 U	0.81 U	39 U	0.82 U	0.83 U	0.74 U	0.73 U	0.83 U
SW8270	4-Nitrophenol	mg/Kg	NA		0.78 U	0.76 U	0.79 U	0.81 U	39 U	0.82 U	0.83 U	0.74 U	0.73 U	0.83 U
SW8270	Acenaphthene	mg/Kg	3400		0.035 U	0.035 U	0.036 U	0.037 U	1.8 U	0.037 U	0.038 U	0.033 U	0.033 U	0.038 U
SW8270	Acenaphthylene	mg/Kg	NA		0.04	0.09	0.036 U	0.037 U	5.9	0.037 U	0.038 U	0.033 U	0.033 U	0.038 U
SW8270	Acetophenone	mg/Kg	7800		0.39 U	0.38 U	0.4 U	0.4 U	19 U	0.41 U	0.41 U	0.37 U	0.36 U	0.41 U
SW8270	Anthracene	mg/Kg	17000		0.035 U	0.037	0.036 U	0.037 U	4.3	0.037 U	0.038 U	0.084	0.033 U	0.038 U
SW8270	Atrazine	mg/Kg	2.1		0.39 U	0.38 U	0.4 U	0.4 U	19 U	0.41 U	0.41 U	0.37 U	0.36 U	0.41 U
SW8270	Benzaldehyde	mg/Kg	7800		0.39 U	0.38 U	0.4 U	0.4 U	19 U	0.41 U	0.41 U	0.37 U	0.36 U	0.41 U
SW8270	Benzo(a)anthracene	mg/Kg	0.15		0.079	**0.21**	0.036 U	0.037 U	**14**	0.037 U	0.038 U	**0.25**	0.11	0.038 U
SW8270	Benzo(a)pyrene	mg/Kg	0.015		**0.11**	**0.27**	0.036 U	0.037 U	**17**	0.037 U	**0.039**	**0.25**	**0.13**	0.038 U
SW8270	Benzo(b)fluoranthene	mg/Kg	0.15		0.15	**0.4**	0.036 U	0.037 U	**17**	0.037 U	0.042	**0.41**	**0.19**	0.038 U
SW8270	Benzo(g,h,i)perylene	mg/Kg	NA		0.047	0.11	0.036 U	0.037 U	10	0.037 U	0.061	0.097	0.075	0.038 U
SW8270	Benzo(k)fluoranthene	mg/Kg	1.5		0.065	0.14	0.036 U	0.037 U	**7.5**	0.037 U	0.038 U	0.17	0.068	0.038 U
SW8270	Bis(2-chloroethoxy)methane	mg/Kg	180		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	Bis(2-chloroethyl)ether	mg/Kg	0.21		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	Bis(2-chloroisopropyl)ether	mg/Kg	4.6		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	Bis(2-ethylhexyl)phthalate	mg/Kg	35		0.39 U	0.38 U	0.4 U	0.4 U	19 U	0.41 U	0.41 U	0.37 U	0.36 U	0.41 U
SW8270	Butyl benzyl phthalate	mg/Kg	260		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	Caprolactam	mg/Kg	31000		0.39 U	0.38 U	0.4 U	0.4 U	19 U	0.41 U	0.41 U	0.37 U	0.36 U	0.41 U
SW8270	Carbazole	mg/Kg	NA		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	Chrysene	mg/Kg	15		0.076	0.22	0.036 U	0.037 U	12	0.037 U	0.046	0.24	0.12	0.038 U
SW8270	Dibenzo(a,h)anthracene	mg/Kg	0.015		0.035 U	0.035 U	0.036 U	0.037 U	**2.7**	0.037 U	0.038 U	0.033 U	0.033 U	0.038 U
SW8270	Dibenzofuran	mg/Kg	78		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	Diethyl phthalate	mg/Kg	49000		0.39 U	0.38 U	0.4 U	0.4 U	19 U	0.41 U	0.41 U	0.37 U	0.36 U	0.41 U
SW8270	Dimethyl phthalate	mg/Kg	NA		0.39 U	0.38 U	0.4 U	0.4 U	19 U	0.41 U	0.41 U	0.37 U	0.36 U	0.41 U
SW8270	Di-n-butyl phthalate	mg/Kg	6100		0.39 U	0.38 U	0.4 U	0.4 U	19 U	0.41 U	0.41 U	0.37 U	0.36 U	0.41 U
SW8270	Di-n-octyl phthalate	mg/Kg	NA		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	Fluoranthene	mg/Kg	2300		0.083	0.29	0.036 U	0.05	28	0.037 U	0.059	0.59	0.22	0.038 U
SW8270	Fluorene	mg/Kg	2300		0.035 U	0.035 U	0.036 U	0.037 U	3.1	0.037 U	0.038 U	0.033 U	0.033 U	0.038 U
SW8270	Hexachloro-1,3-butadiene	mg/Kg	6.2		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	Hexachlorobenzene	mg/Kg	NA		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	Hexachlorocyclopentadiene	mg/Kg	370		0.39 U	0.38 U	0.4 U	0.4 U	19 U	0.41 U	0.41 U	0.37 U	0.36 U	0.41 U
SW8270	Hexachloroethane	mg/Kg	12		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	Indeno(1,2,3-cd)pyrene	mg/Kg	0.15		0.047	0.11	0.036 U	0.037 U	**9.1**	0.037 U	0.046	0.092	0.067	0.038 U
SW8270	Isophorone	mg/Kg	510		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	Naphthalene	mg/Kg	3.6		0.035 U	0.035 U	0.036 U	0.037 U	1.8 U	0.037 U	0.038 U	0.064	0.033 U	0.038 U
SW8270	Nitrobenzene	mg/Kg	4.8		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	N-Nitrosodi-n-propylamine	mg/Kg	0.069		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	N-Nitrosodiphenylamine	mg/Kg	99		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	o-Cresol	mg/Kg	3100		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	p-Cresol	mg/Kg	310		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	Pentachlorophenol	mg/Kg	0.89		0.39 U	0.38 U	0.4 U	0.4 U	19 U	0.41 U	0.41 U	0.37 U	0.36 U	0.41 U
SW8270	Phenanthrene	mg/Kg	NA		0.035 U	0.11	0.036 U	0.044	21	0.037 U	0.094	0.38	0.11	0.038 U
SW8270	Phenol	mg/Kg	18000		0.19 U	0.18 U	0.19 U	0.2 U	9.4 U	0.2 U	0.2 U	0.18 U	0.18 U	0.2 U
SW8270	Pyrene	mg/Kg	1700		0.089	0.3	0.036 U	0.044	26	0.037 U	0.052	0.5	0.19	0.038 U

Notes:
*Residential RSL – U.S. Environmental Protection Agency Regional Screening Level (formerly Preliminary Remediation Goal) listed in Resident Soil Table November 2011.

**40 CFR 261.20 – A solid waste exhibits the characteristic of toxicity if the extract from a representative sample of the waste contains any of the contaminants listed in the table at the concentration equal to or greater than the respective value given. Criteria obtained from Table 1 – Maximum Concentration of Contaminants for the Toxicity Characteristic, Code of Federal Regulations – Title 40: Protection of Environment, Chapter 1: Environmental Protection Agency, Subchapter 1 Solid Wastes, Part 261: Identification and Listing of Hazardous Waste, Subpart C: Characteristics of Hazardous Wastes.

BOLD - Exceeds listed criteria
CFR – Code of Federal Regulations
ft bgs – Feet below ground surface
mg/Kg – Milligrams per kilogram
mg/L – Milligrams per liter
NA – Not Available
RSL – Regional Screening Level
TCLP – Toxicity Characteristic Leaching Procedure
U – Not detected at indicated method detection limit

TABLE L1
SOIL ANALYTICAL RESULTS
Metals, Pesticides and Herbicides
Townsend Township Dump Site
Clyde, Sandusky County, Ohio

Site				Townsend Township Dump									
Location ID				TD-B01	TD-B01	TD-B01	TD-B03	TD-B03	TD-B04	TD-B05	TD-B06	TD-B06	TD-B06
Field Sample ID				TD-B01-S01-021412	TD-B01-S01-021412-DP	TD-B01-S02-021412	TD-B03-S01-021412	TD-B03-S02-021412	TD-B04-S01-021412	TD-B05-S01-021412	TD-B06-S01-021412	TD-B06-S01-021412-DP	TD-B06-S02-021412
Sample Date				2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012
Sample Depth (ft bgs)				0-2	0-2	6-8	8-10	0-2	0-2	0-2	0-2	0-2	6-8
Total Target Analyte List (TAL) Metals													
Analytical Method	**Chemical Name**	**Units**	***Residential RSL**										
SW6020A	Aluminum	mg/Kg	77000	11000	9000	12000	10000	6000	13000	18000	8400	5900	8300
SW6020A	Antimony	mg/Kg	31	0.85 U	0.92 U	0.75 U	0.79 U	0.75 U	0.75 U	1 U	1.4	1.9	0.85 U
SW6020A	Arsenic	mg/Kg	0.39	**5.4**	**4.7**	**5.6**	**6.8**	**4.7**	**11**	**11**	**4.4**	**5.7**	**9.7**
SW6020A	Barium	mg/Kg	15000	88	68	61	57	93	100	150	67	58	56
SW6020A	Beryllium	mg/Kg	160	3.4 U	0.43	3 U	3.1 U	0.3	3 U	4 U	0.5	0.31 U	0.39
SW6020A	Boron	mg/Kg	16000	34 U	5.4	30 U	31 U	7.1	30 U	40 U	5.5	5.2	6.5
SW6020A	Cadmium	mg/Kg	70	0.34 U	0.37 U	0.3 U	0.31 U	0.4	0.54	0.68	0.73	1	0.34 U
SW6020A	Calcium	mg/Kg	NA	19000	19000	42000	52000	80000	43000	3700	35000	19000	63000
SW6020A	Chromium	mg/Kg	NA	17	15	21	18	9.9	29	25	100	160	15
SW6020A	Cobalt	mg/Kg	23	10	7.1	9.8	12	5.1	12	22	3.8	5.1	8.9
SW6020A	Copper	mg/Kg	3100	17	16	20	19	20	23	26	880	460	21
SW7196A	Chromium, Hexavalent	mg/Kg	0.29	0.58 U	0.57 U	0.61 U	0.6 U	0.58 U	0.62 U	0.61 U	0.54 U	0.56 U	0.63 U
SW6020A	Iron	mg/Kg	55000	19000	17000	24000	22000	12000	26000	33000	34000	41000	22000
SW6020A	Lead	mg/Kg	400	18	15	13	13	39	49	30	110	160	15
SW6020A	Magnesium	mg/Kg	NA	7300	9600	15000	18000	27000	16000	5300	9700	6800	19000
SW6020A	Manganese	mg/Kg	1800	340	210	330	680	330	780	1300	**3400**	**1900**	560
SW7471	Mercury	mg/Kg	10	0.034	0.031	0.022 U	0.022 U	0.047	0.04	0.041	0.05	0.06	0.021
SW6020A	Nickel	mg/Kg	1500	19	19	26	29	12	33	43	21	39	24
SW6020A	Potassium	mg/Kg	NA	1700	1400	2200	2100	1300	2900	2300	830	690	1500
SW6020A	Selenium	mg/Kg	390	1.2	1.2	1.2	1.1	0.75	1.2	2.1	0.85	0.84	0.98
SW6020A	Silver	mg/Kg	390	0.85 U	0.92 U	0.75 U	0.79 U	0.75 U	0.75 U	1 U	0.83 U	0.76 U	0.85 U
SW6020A	Sodium	mg/Kg	NA	57	88	150	220	87	110	68	210	160	160
SW6020A	Thallium	mg/Kg	0.78	0.85 U	0.92 U	0.75 U	0.79 U	0.75 U	0.75 U	1 U	0.83 U	0.76 U	0.85 U
SW6020A	Vanadium	mg/Kg	NA	28	21	29	27	17	35	40	10	12	27
SW6020A	Zinc	mg/Kg	23000	53	53	63	52	61	110	250	79	240	48
Pesticides and Herbicides													
SW8151	2,4,5-T	mg/Kg	610	0.0059 U	0.0059 U	0.0061 U	0.0062 U	0.0057 U	0.0063 U	0.0062 U	0.0055 U	0.0056 U	0.0063 U
SW8151	2,4,5-TP (Silvex)	mg/Kg	490	0.012 U	0.012 U	0.012 U	0.012 U	0.011 U	0.013 U	0.012 U	0.011 U	0.011 U	0.013 U
SW8151	2,4-D	mg/Kg	690	0.0059 U	0.0059 U	0.0061 U	0.0062 U	0.0057 U	0.0063 U	0.0062 U	0.0055 U	0.0056 U	0.0063 U
SW8081	4,4-DDD	mg/Kg	2	0.24 U	0.57 U	0.024 U	0.012 U	0.59 U	0.024 U	0.012 U	0.22 U	0.22 U	0.012 U
SW8081	4,4-DDE	mg/Kg	1.4	0.24 U	0.57 U	0.024 U	0.012 U	0.59 U	0.024 U	0.058	0.22 U	0.22 U	0.012 U
SW8081	4,4-DDT	mg/Kg	1.7	0.24 U	0.57 U	0.024 U	0.012 U	0.59 U	0.024 U	0.051	0.22 U	0.22 U	0.012 U
SW8081	Aldrin	mg/Kg	0.029	0.24 U	0.57 U	0.024 U	0.012 U	0.59 U	0.024 U	0.012 U	0.22 U	0.22 U	0.012 U
SW8081	alpha-BHC	mg/Kg	0.077	0.24 U	0.57 U	0.024 U	0.012 U	0.59 U	0.024 U	0.012 U	0.22 U	0.22 U	0.012 U
SW8081	alpha-Chlordane	mg/Kg	NA	0.24 U	0.57 U	0.024 U	0.012 U	0.59 U	0.024 U	0.012 U	0.22 U	0.22 U	0.012 U
SW8082	Aroclor 1016	mg/Kg	3.9	0.047 U	0.046 U	0.048 U	0.049 U	0.047 U	0.049 U	0.049 U	0.045 U	0.044 U	0.05 U
SW8082	Aroclor 1221	mg/Kg	0.14	0.047 U	0.046 U	0.048 U	0.049 U	0.047 U	0.049 U	0.049 U	0.045 U	0.044 U	0.05 U
SW8082	Aroclor 1232	mg/Kg	0.14	0.047 U	0.046 U	0.048 U	0.049 U	0.047 U	0.049 U	0.049 U	0.045 U	0.044 U	0.05 U
SW8082	Aroclor 1242	mg/Kg	0.22	0.047 U	0.046 U	0.048 U	0.049 U	0.047 U	0.049 U	0.049 U	0.045 U	0.044 U	0.05 U
SW8082	Aroclor 1248	mg/Kg	0.22	0.047 U	0.046 U	0.048 U	0.049 U	0.047 U	0.049 U	0.049 U	0.045 U	0.044 U	0.05 U
SW8082	Aroclor 1254	mg/Kg	0.22	0.047 U	0.046 U	0.048 U	0.049 U	0.047 U	0.049 U	0.049 U	0.045 U	0.044 U	0.05 U
SW8082	Aroclor 1260	mg/Kg	0.22	0.047 U	0.046 U	0.048 U	0.049 U	0.047 U	0.049 U	0.049 U	0.045 U	0.044 U	0.05 U
SW8081	beta-BHC	mg/Kg	0.27	0.24 U	0.57 U	0.024 U	0.012 U	0.59 U	0.024 U	0.012 U	0.22 U	0.22 U	0.012 U
SW8081	Chlordane, Technical	mg/Kg	NA	0.59 U	1.4 U	0.059 U	0.03 U	1.5 U	0.061 U	0.03 U	0.56 U	0.55 U	0.031 U
SW8081	delta-BHC	mg/Kg	NA	0.24 U	0.57 U	0.024 U	0.012 U	0.59 U	0.024 U	0.012 U	0.22 U	0.22 U	0.012 U
SW8081	Dieldrin	mg/Kg	0.03	0.24 U	0.57 U	0.024 U	0.012 U	0.59 U	0.024 U	0.012 U	0.22 U	0.22 U	0.012 U
SW8081	Endosulfan I	mg/Kg	NA	0.24 U	0.57 U	0.024 U	0.012 U	0.59 U	0.024 U	0.012 U	0.22 U	0.22 U	0.012 U
SW8081	Endosulfan II	mg/Kg	NA	0.24 U	0.57 U	0.024 U	0.012 U	0.59 U	0.024 U	0.012 U	0.22 U	0.22 U	0.012 U
SW8081	Endosulfan sulfate	mg/Kg	NA	0.24 U	0.57 U	0.024 U	0.012 U	0.59 U	0.024 U	0.012 U	0.22 U	0.22 U	0.012 U
SW8081	Endrin	mg/Kg	18	0.24 U	0.57 U	0.024 U	0.012 U	0.59 U	0.024 U	0.012 U	0.22 U	0.22 U	0.012 U
SW8081	Endrin aldehyde	mg/Kg	NA	0.24 U	0.57 U	0.024 U	0.012 U	0.59 U	0.024 U	0.012 U	0.22 U	0.22 U	0.012 U
SW8081	Endrin ketone	mg/Kg	NA	0.24 U	0.57 U	0.024 U	0.012 U	0.59 U	0.024 U	0.012 U	0.22 U	0.22 U	0.012 U
SW8081	gamma-BHC (Lindane)	mg/Kg	0.52	0.24 U	0.57 U	0.024 U	0.012 U	0.59 U	0.024 U	0.012 U	0.22 U	0.22 U	0.012 U
SW8081	gamma-Chlordane	mg/Kg	NA	0.24 U	0.57 U	0.024 U	0.012 U	0.59 U	0.024 U	0.012 U	0.22 U	0.22 U	0.012 U
SW8081	Heptachlor	mg/Kg	0.11	0.24 U	0.57 U	0.024 U	0.012 U	0.59 U	0.024 U	0.012 U	0.22 U	0.22 U	0.012 U
SW8081	Heptachlor epoxide	mg/Kg	0.053	0.24 U	0.57 U	0.024 U	0.012 U	0.59 U	0.024 U	0.012 U	0.22 U	0.22 U	0.012 U
SW8081	Methoxychlor	mg/Kg	310	0.24 U	0.57 U	0.024 U	0.012 U	0.59 U	0.024 U	0.012 U	0.22 U	0.22 U	0.012 U
SW8081	Toxaphene	mg/Kg	0.44	1.4 U	3.4 U	0.14 U	0.073 U	3.5 U	0.15 U	0.073 U	1.3 U	1.3 U	0.075 U

Notes:
*Residential RSL – U.S. Environmental Protection Agency Regional Screening Level (formerly Preliminary Remediation Goal) listed in Resident Soil Table November 2011

**40 CFR 261.20 – A solid waste exhibits the characteristic of toxicity if the extract from a representative sample of the waste contains any of the contaminants listed in the table at the concentration equal to or greater than the respective value given. Criteria obtained from Table 1 – Maximum Concentration of Contaminants for the Toxicity Characteristic, Code of Federal Regulations – Title 40: Protection of Environment, Chapter 1: Environmental Protection Agency, Subchapter 1 Solid Wastes, Part 261: Identification and Listing of Hazardous Waste, Subpart C: Characteristics of Hazardous Wastes.

BOLD - Exceeds listed criteria
CFR – Code of Federal Regulations
ft bgs – Feet below ground surface
mg/Kg – Milligrams per kilogram
mg/L – Milligrams per liter
NA – Not Available
RSL – Regional Screening Level
TCLP – Toxicity Characteristic Leaching Procedure
U – Not detected at indicated method detection limit

TABLE L1
SOIL ANALYTICAL RESULTS
Toxicity Characteristic Leaching Procedure
Townsend Township Dump Site
Clyde, Sandusky County, Ohio

			Site	Townsend Township Dump									
			Location ID	TD-B01	TD-B01	TD-B01	TD-B03	TD-B03	TD-B04	TD-B05	TD-B06	TD-B06	TD-B06
			Field Sample ID	TD-B01-S01-021412	TD-B01-S01-021412-DP	TD-B01-S02-021412	TD-B03-S01-021412	TD-B03-S02-021412	TD-B04-S01-021412	TD-B05-S01-021412	TD-B06-S01-021412	TD-B06-S01-021412-DP	TD-B06-S02-021412
			Sample Date	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012
			Sample Depth (ft bgs)	0-2	0-2	6-8	8-10	0-2	0-2	0-2	0-2	0-2	6-8
Analytical Method	**Chemical Name**	**Units**	****40 CFR 261.20**										
SW8260	1,1-Dichloroethene, TCLP	mg/L	0.7	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
SW8260	1,2-Dichloroethane, TCLP	mg/L	0.5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
SW8270	1,4-Dichlorobenzene, TCLP	mg/L	7.5	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SW8270	2,4,6-Trichlorophenol, TCLP	mg/L	2	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SW8270	2,4,5-Trichlorophenol, TCLP	mg/L	400	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 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	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	0.005 U	0.005 U	0.005 U
SW8270	2,4-Dinitrotoluene, TCLP	mg/L	0.13	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SW8260	2-Butanone, TCLP	mg/L	200	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SW8260	Benzene, TCLP	mg/L	0.5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
SW8260	Carbon tetrachloride, TCLP	mg/L	0.5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 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	0.005 U	0.005 U	0.005 U
SW8260	Chlorobenzene, TCLP	mg/L	100	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
SW8260	Chloroform, TCLP	mg/L	6	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
SW8081	Endrin, TCLP	mg/L	0.02	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 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	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	0.00025 U	0.00025 U	0.00025 U
SW8270	Hexachloro-1,3-butadiene, TCLP	mg/L	0.5	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SW8270	Hexachlorobenzene, TCLP	mg/L	NA	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SW8270	Hexachloroethane, TCLP	mg/L	3	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SW8270	m-Cresol, TCLP	mg/L	200	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 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	0.0025 U	0.0025 U	0.0025 U
SW8270	Nitrobenzene, TCLP	mg/L	2	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SW8270	o-Cresol, TCLP	mg/L	200	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SW8270	p-Cresol, TCLP	mg/L	200	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SW8270	Pentachlorophenol, TCLP	mg/L	100	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
SW8270	Pyridine, TCLP	mg/L	5	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
SW8260	Tetrachloroethene, TCLP	mg/L	0.7	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
SW8081	Toxaphene, TCLP	mg/L	0.5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
SW8260	Trichloroethene, TCLP	mg/L	0.5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
SW8260	Vinyl chloride, TCLP	mg/L	0.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
SW6020A	Arsenic, TCLP	mg/L	5	0.01 U	0.01 U	0.013	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
SW6020A	Barium, TCLP	mg/L	100	0.91	0.81	0.75	0.68	0.97	1.1	0.57	0.62	0.61	0.53
SW6020A	Cadmium, TCLP	mg/L	1	0.0025	0.0026	0.0076	0.0095	0.0033	0.01	0.0021	0.0025	0.0058	0.016
SW6020A	Chromium, TCLP	mg/L	5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.07	0.02 U
SW6020A	Lead, TCLP	mg/L	5	0.01 U	0.014	0.038	0.01 U	0.01 U	0.02	0.01 U	0.01 U	0.022	0.039
SW7470A	Mercury, TCLP	mg/L	0.2	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
SW6020A	Selenium, TCLP	mg/L	1	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
SW6020A	Silver, TCLP	mg/L	5	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U

Notes:
*Residential RSL – U.S. Environmental Protection Agency Regional Screening Level (formerly Preliminary Remediation Goal) listed in Resident Soil Table November 2011

**40 CFR 261.20 – A solid waste exhibits the characteristic of toxicity if the extract from a representative sample of the waste contains any of the contaminants listed in the table at the concentration equal to or greater than the respective value given. Criteria obtained from Table 1 – Maximum Concentration of Contaminants for the Toxicity Characteristic, Code of Federal Regulations – Title 40: Protection of Environment, Chapter 1: Environmental Protection Agency, Subchapter 1 Solid Wastes, Part 261: Identification and Listing of Hazardous Waste, Subpart C: Characteristics of Hazardous Wastes.

BOLD - Exceeds listed criteria
CFR – Code of Federal Regulations
ft bgs – Feet below ground surface
mg/Kg – Milligrams per kilogram
mg/L – Milligrams per liter
NA – Not Available
RSL – Regional Screening Level
TCLP – Toxicity Characteristic Leaching Procedure
U – Not detected at indicated method detection limit

TABLE L2
WATER ANALYTICAL RESULTS
Volatile Organic Compounds and Semi-Volatile Organic Compounds
Townsend Township Dump Site
Clyde, Sandusky County, Ohio

			Site	Townsend Township Dump			
			Location ID	TD-B02^	TD-B02^	TD-B03	TD-B06
			Field Sample ID	TD-B01-W01-021412	TD-B01-W01-021412-DP	TD-B03-W01-021512	TD-B06-W01-021512
			Sample Date	2/14/2012	2/14/2012	2/15/2012	2/15/2012
			Screened Interval (ft bgs)	4-9	4-9	2-7	1.5-6.5
Volatile Organic Compounds (VOCs)							
Analytical Method	**Chemical Name**	**Units**	***MCL**				
SW8260	1,1,2,2-Tetrachloroethane	mg/L	NA	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	1,1,1-Trichloroethane	mg/L	0.2	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	1,1,2-Trichloroethane	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	1,1,2-Trichlorotrifluoroethane	mg/L	NA	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	1,1-Dichloroethane	mg/L	NA	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	1,2,4-Trichlorobenzene	mg/L	0.07	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	1,2-Dibromo-3-chloropropane	mg/L	0.0002	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	1,2-Dibromoethane	mg/L	0.00005	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	1,2-Dichlorobenzene	mg/L	0.6	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	1,2-Dichloroethane	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	1,2-Dichloropropane	mg/L	0.005	0.002 U	0.002 U	0.002 U	0.002 U
SW8260	1,3-Dichlorobenzene	mg/L	NA	0.002 U	0.002 U	0.002 U	0.002 U
SW8260	1,4-Dichlorobenzene	mg/L	0.075	0.002 U	0.002 U	0.002 U	0.002 U
SW8260	2-Butanone	mg/L	NA	0.005 U	0.005 U	0.005 U	0.0071
SW8260	2-Hexanone	mg/L	NA	0.005 U	0.005 U	0.005 U	0.0078
SW8260	4-Methyl-2-pentanone	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8260	Acetone	mg/L	NA	0.02 U	0.02 U	0.02 U	0.02 U
SW8260	Benzene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	Bromodichloromethane	mg/L	0.08	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	Bromoform	mg/L	0.08	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	Bromomethane	mg/L	NA	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	Carbon disulfide	mg/L	NA	0.0025 U	0.0025 U	0.0025 U	0.0025 U
SW8260	Carbon tetrachloride	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	Chlorobenzene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	Chloroethane	mg/L	NA	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	Chloroform	mg/L	0.08	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	Chloromethane	mg/L	NA	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	cis-1,2-Dichloroethene	mg/L	0.07	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	cis-1,3-Dichloropropene	mg/L	NA	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	Cyclohexane	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8260	Dibromochloromethane	mg/L	0.08	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	Dichlorodifluoromethane	mg/L	NA	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	Ethylbenzene	mg/L	0.7	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	Isopropylbenzene	mg/L	NA	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	Methyl acetate	mg/L	NA	0.002 U	0.002 U	0.002 U	0.002 U
SW8260	Methyl tert-butyl ether	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8260	Methylcyclohexane	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8260	Methylene chloride	mg/L	0.005	0.005 U	0.005 U	0.005 U	0.005 U
SW8260	Styrene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	Tetrachloroethene	mg/L	0.005	0.002 U	0.002 U	0.002 U	0.002 U
SW8260	Toluene	mg/L	1	0.001 U	0.001 U	0.0059	0.001 U
SW8260	trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	trans-1,3-Dichloropropene	mg/L	NA	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	Trichlorofluoromethane	mg/L	NA	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	Xylenes, Total	mg/L	10	0.003 U	0.003 U	0.003 U	0.003 U
Semi-Volatile Organic Compounds (SVOCs)							
SW8270	1,1-Biphenyl	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	2,4,5-Trichlorophenol	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	2,4,6-Trichlorophenol	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	2,4-Dichlorophenol	mg/L	NA	0.01 U	0.01 U	0.01 U	0.01 U
SW8270	2,4-Dimethylphenol	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	2,4-Dinitrophenol	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	2,4-Dinitrotoluene	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	2,6-Dinitrotoluene	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	2-Chloronaphthalene	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	2-Chlorophenol	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	2-Methylnaphthalene	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	2-Nitroaniline	mg/L	NA	0.02 U	0.02 U	0.02 U	0.02 U
SW8270	2-Nitrophenol	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	3,3-Dichlorobenzidine	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	3-Nitroaniline	mg/L	NA	0.02 U	0.02 U	0.02 U	0.02 U
SW8270	4,6-Dinitro-2-methylphenol	mg/L	NA	0.02 U	0.02 U	0.02 U	0.02 U
SW8270	4-Bromophenyl phenyl ether	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	4-Chloro-3-methylphenol	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	4-Chloroaniline	mg/L	NA	0.02 U	0.02 U	0.02 U	0.02 U
SW8270	4-Chlorophenyl phenyl ether	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	4-Nitroaniline	mg/L	NA	0.02 U	0.02 U	0.02 U	0.02 U
SW8270	4-Nitrophenol	mg/L	NA	0.02 U	0.02 U	0.02 U	0.02 U
SW8270	Acenaphthene	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Acenaphthylene	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Acetophenone	mg/L	NA	0.001 U	0.001 U	0.001 U	0.001 U
SW8270	Anthracene	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Atrazine	mg/L	0.003	0.01 U	0.01 U	0.01 U	0.01 U
SW8270	Benzaldehyde	mg/L	NA	0.001 U	0.001 U	0.001 U	0.001 U
SW8270	Benzo(a)anthracene	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Benzo(a)pyrene	mg/L	0.0002	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Benzo(b)fluoranthene	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Benzo(g,h,i)perylene	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Benzo(k)fluoranthene	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Bis(2-chloroethoxy)methane	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Bis(2-chloroethyl)ether	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Bis(2-chloroisopropyl)ether	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Butyl benzyl phthalate	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Caprolactam	mg/L	NA	0.01 U	0.01 U	0.01 U	0.01 U
SW8270	Carbazole	mg/L	NA	0.01 U	0.01 U	0.01 U	0.01 U
SW8270	Chrysene	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Dibenzo(a,h)anthracene	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Dibenzofuran	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Diethyl phthalate	mg/L	NA	0.02 U	0.02 U	0.02 U	0.02 U
SW8270	Dimethyl phthalate	mg/L	NA	0.02 U	0.02 U	0.02 U	0.02 U
SW8270	Di-n-butyl phthalate	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Di-n-octyl phthalate	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Fluoranthene	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Fluorene	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Hexachloro-1,3-butadiene	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Hexachlorobenzene	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Hexachlorocyclopentadiene	mg/L	0.05	0.02 U	0.02 U	0.02 U	0.02 U
SW8270	Hexachloroethane	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Indeno(1,2,3-cd)pyrene	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Isophorone	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Naphthalene	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Nitrobenzene	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	N-Nitrosodi-n-propylamine	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	N-Nitrosodiphenylamine	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	o-Cresol	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	p-Cresol	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Pentachlorophenol	mg/L	0.001	0.02 U	0.02 U	0.02 U	0.02 U
SW8270	Phenanthrene	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Phenol	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Pyrene	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U

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NA – Not Available
RSL – Regional Screening Level
s.u. – Standard Unit
TCLP – Toxicity Characteristic Leaching Procedure
U – Not detected at indicated method detection limit

TABLE L2
WATER ANALYTICAL RESULTS
Metals, Pesticides and Herbicides
Townsend Township Dump Site
Clyde, Sandusky County, Ohio

				Site	Townsend Township Dump			
				Location ID	TD-B02^	TD-B02^	TD-B03	TD-B06
				Field Sample ID	TD-B01-W01-021412	TD-B01-W01-021412-DP	TD-B03-W01-021512	TD-B06-W01-021512
				Sample Date	2/14/2012	2/14/2012	2/15/2012	2/15/2012
				Screened Interval (ft bgs)	4-9	4-9	2-7	1.5-6.5
Total Target Analyte List (TAL) Metals								
Analytical Method	**Chemical Name**	**Units**	***MCL**					
SW6020A	Aluminum	mg/L	NA		0.48	0.32	0.54	0.86
SW6020A	Antimony	mg/L	0.006		0.005 U	0.005 U	0.005 U	0.005 U
SW6020A	Arsenic	mg/L	0.01		0.005 U	0.005 U	0.005 U	0.005 U
SW6020A	Barium	mg/L	2		0.059	0.056	0.1	0.063
SW6020A	Beryllium	mg/L	0.004		0.002 U	0.002 U	0.002 U	0.002 U
SW6020A	Boron	mg/L	NA		0.25	0.25	0.2	0.18
SW6020A	Cadmium	mg/L	NA		0.002 U	0.002 U	0.002 U	0.002 U
SW6020A	Calcium	mg/L	NA		200	200	310	110
SW6020A	Chromium	mg/L	0.1		0.005 U	0.005 U	0.005 U	0.005 U
SW6020A	Cobalt	mg/L	NA		0.005 U	0.005 U	0.0052	0.005 U
SW6020A	Copper	mg/L	1.3		0.011	0.011	0.0055	0.0053
SW6020A	Iron	mg/L	NA		2	1.7	12	2.3
SW6020A	Lead	mg/L	0.015		0.012	0.0089	0.005 U	0.005 U
SW6020A	Magnesium	mg/L	NA		77	79	74	31
SW6020A	Manganese	mg/L	NA		0.81	0.79	2.5	0.23
SW7470	Mercury	mg/L	0.002		0.0002 U	0.0002 U	0.0002 U	0.0002 U
SW6020A	Nickel	mg/L	NA		0.012	0.012	0.014	0.0084
SW6020A	Potassium	mg/L	NA		11	11	8.7	6.5
SW6020A	Selenium	mg/L	0.05		0.005 U	0.005 U	0.005 U	0.005 U
SW6020A	Silver	mg/L	NA		0.005 U	0.005 U	0.005 U	0.005 U
SW6020A	Sodium	mg/L	NA		20	20	21	8.4
SW6020A	Thallium	mg/L	0.002		0.005 U	0.005 U	0.005 U	0.005 U
SW6020A	Vanadium	mg/L	NA		0.005 U	0.005 U	0.005 U	0.005 U
SW6020A	Zinc	mg/L	NA		0.12	0.12	0.023	0.32
Pesticides and Herbicides								
SW8151	2,4,5-T	mg/L	NA		0.001 U	0.001 U	0.001 U	0.001 U
SW8151	2,4,5-TP (Silvex)	mg/L	0.05		0.002 U	0.002 U	0.002 U	0.002 U
SW8151	2,4-D	mg/L	0.07		0.002 U	0.002 U	0.002 U	0.032
SW8081	4,4-DDD	mg/L	NA		0.00002 U	0.00002 U	0.00002 U	0.00002 U
SW8081	4,4-DDE	mg/L	NA		0.00002 U	0.00002 U	0.00002 U	0.00002 U
SW8081	4,4-DDT	mg/L	NA		0.00002 U	0.00002 U	0.00002 U	0.00002 U
SW8081	Aldrin	mg/L	NA		0.00001 U	0.00001 U	0.00001 U	0.00001 U
SW8081	alpha-BHC	mg/L	NA		0.00001 U	0.00001 U	0.00001 U	0.00001 U
SW8081	alpha-Chlordane	mg/L	NA		0.00002 U	0.00002 U	0.00002 U	0.00002 U
SW8082	Aroclor 1016	mg/L	NA		0.0004 U	0.0004 U	0.0004 U	0.0004 U
SW8082	Aroclor 1221	mg/L	NA		0.0004 U	0.0004 U	0.0004 U	0.0004 U
SW8082	Aroclor 1232	mg/L	NA		0.0004 U	0.0004 U	0.0004 U	0.0004 U
SW8082	Aroclor 1242	mg/L	NA		0.0004 U	0.0004 U	0.0004 U	0.0004 U
SW8082	Aroclor 1248	mg/L	NA		0.0004 U	0.0004 U	0.0004 U	0.0004 U
SW8082	Aroclor 1254	mg/L	NA		0.0004 U	0.0004 U	0.0004 U	0.0004 U
SW8082	Aroclor 1260	mg/L	NA		0.0004 U	0.0004 U	0.0004 U	0.0004 U
SW8081	beta-BHC	mg/L	NA		0.00001 U	0.00001 U	0.00001 U	0.00001 U
SW8081	Chlordane, Technical	mg/L	NA		0.0005 U	0.0005 U	0.0005 U	0.0005 U
SW8081	delta-BHC	mg/L	NA		0.00001 U	0.00001 U	0.00001 U	0.00001 U
SW8081	Dieldrin	mg/L	NA		0.00002 U	0.00002 U	0.00002 U	0.00002 U
SW8081	Endosulfan I	mg/L	NA		0.00002 U	0.00002 U	0.00002 U	0.00002 U
SW8081	Endosulfan II	mg/L	NA		0.00002 U	0.00002 U	0.00002 U	0.00002 U
SW8081	Endosulfan sulfate	mg/L	NA		0.00002 U	0.00002 U	0.00002 U	0.00002 U
SW8081	Endrin	mg/L	0.002		0.00002 U	0.00002 U	0.00002 U	0.00002 U
SW8081	Endrin aldehyde	mg/L	NA		0.00002 U	0.00002 U	0.00002 U	0.00002 U
SW8081	Endrin ketone	mg/L	NA		0.00002 U	0.00002 U	0.00002 U	0.00002 U
SW8081	gamma-BHC (Lindane)	mg/L	0.0002		0.00001 U	0.00001 U	0.00001 U	0.00001 U
SW8081	gamma-Chlordane	mg/L	NA		0.00002 U	0.00002 U	0.00002 U	0.00002 U
SW8081	Heptachlor	mg/L	0.0004		0.00001 U	0.00001 U	0.00001 U	0.00001 U
SW8081	Heptachlor epoxide	mg/L	0.0002		0.00001 U	0.00001 U	0.00001 U	0.00001 U
SW8081	Hexachlorobenzene	mg/L	NA		0.00001 U	0.00001 U	0.00001 U	0.00001 U
SW8081	Methoxychlor	mg/L	0.04		0.00004 U	0.00004 U	0.00004 U	0.00004 U
SW8081	Toxaphene	mg/L	0.003		0.002 U	0.002 U	0.002 U	0.002 U

Notes:
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DEG F – Degrees Farenheit
ft bgs – Feet below ground surface
H – Holding time was exceeded
MCL – Maximum Contaminant Level
mg/Kg – Milligrams per kilogram
mg/L – Milligrams per liter
NA – Not Available
RSL – Regional Screening Level
s.u. – Standard Unit
TCLP – Toxicity Characteristic Leaching Procedure
U – Not detected at indicated method detection limit

TABLE L2
WATER ANALYTICAL RESULTS
Toxicity Characteristic Leaching Procedure
Townsend Township Dump Site
Clyde, Sandusky County, Ohio

			Site	**Townsend Township Dump**			
			Location ID	**TD-B02^**	**TD-B02^**	**TD-B03**	**TD-B06**
			Field Sample ID	**TD-B01-W01-021412**	**TD-B01-W01-021412-DP**	**TD-B03-W01-021512**	**TD-B06-W01-021512**
			Sample Date	**2/14/2012**	**2/14/2012**	**2/15/2012**	**2/15/2012**
			Screened Interval (ft bgs)	**4-9**	**4-9**	**2-7**	**1.5-6.5**
Analytical Method	**Chemical Name/Parameter**	**Units**	****40 CFR 261.20**				
SW8260	1,1-Dichloroethene, TCLP	mg/L	0.7	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	1,2-Dichloroethane, TCLP	mg/L	0.5	0.001 U	0.001 U	0.001 U	0.001 U
SW8270	1,4-Dichlorobenzene, TCLP	mg/L	7.5	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	2,4,6-Trichlorophenol, TCLP	mg/L	2	0.005 U	0.005 U	0.005 U	0.005 U
SW8151	2,4,5-TP (Silvex), TCLP	mg/L	1	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	2,4,5-Trichlorophenol, TCLP	mg/L	400	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	0.031
SW8270	2,4-Dinitrotoluene, TCLP	mg/L	0.13	0.005 U	0.005 U	0.005 U	0.005 U
SW8260	2-Butanone, TCLP	mg/L	200	0.01 U	0.01 U	0.01 U	0.01 U
SW8260	Benzene, TCLP	mg/L	0.5	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	Carbon tetrachloride, TCLP	mg/L	0.5	0.001 U	0.001 U	0.001 U	0.001 U
SW8081	Chlordane, Technical, TCLP	mg/L	0.03	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	Chlorobenzene, TCLP	mg/L	100	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	Chloroform, TCLP	mg/L	6	0.001 U	0.001 U	0.001 U	0.001 U
SW8081	gamma-BHC (Lindane), TCLP	mg/L	0.4	0.00005 U	0.00005 U	0.00005 U	0.00005 U
SW8081	Heptachlor, TCLP	mg/L	0.008	0.00005 U	0.00005 U	0.00005 U	0.00005 U
SW8270	Hexachloro-1,3-butadiene, TCLP	mg/L	0.5	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Hexachlorobenzene, TCLP	mg/L	NA	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Hexachloroethane, TCLP	mg/L	3	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	m-Cresol, TCLP	mg/L	200	0.005 U	0.005 U	0.005 U	0.005 U
SW8081	Methoxychlor, TCLP	mg/L	10	0.0005 U	0.0005 U	0.0005 U	0.0005 U
SW8270	Nitrobenzene, TCLP	mg/L	2	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	o-Cresol, TCLP	mg/L	200	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	p-Cresol, TCLP	mg/L	200	0.005 U	0.005 U	0.005 U	0.005 U
SW8270	Pentachlorophenol, TCLP	mg/L	100	0.02 U	0.02 U	0.02 U	0.02 U
SW8270	Pyridine, TCLP	mg/L	5	0.02 U	0.02 U	0.02 U	0.02 U
SW8260	Tetrachloroethene, TCLP	mg/L	0.7	0.001 U	0.001 U	0.001 U	0.001 U
SW8081	Toxaphene, TCLP	mg/L	0.5	0.004 U	0.004 U	0.004 U	0.004 U
SW8260	Trichloroethene, TCLP	mg/L	0.5	0.001 U	0.001 U	0.001 U	0.001 U
SW8260	Vinyl chloride, TCLP	mg/L	0.2	0.001 U	0.001 U	0.001 U	0.001 U
SW6020A	Arsenic, TCLP	mg/L	5	0.0014	0.0012	0.002	0.001 U
SW6020A	Barium, TCLP	mg/L	100	0.059	0.056	0.1	0.063
SW6020A	Cadmium, TCLP	mg/L	1	0.00048	0.00046	0.0002 U	0.00064
SW6020A	Chromium, TCLP	mg/L	5	0.002 U	0.002 U	0.002 U	0.002 U
SW6020A	Lead, TCLP	mg/L	5	0.012	0.0089	0.0018	0.0043
SW7470A	Mercury, TCLP	mg/L	0.2	0.0002 U	0.0002 U	0.0002 U	0.0002 U
SW6020A	Selenium, TCLP	mg/L	1	0.002 U	0.002 U	0.002 U	0.002 U
SW6020A	Silver, TCLP	mg/L	5	0.0005 U	0.0005 U	0.0005 U	0.0005 U
D93	Flashpoint, P-M Closed-cup	DEG F	<140	>140	>140	>140	>140
SW9040	pH	s.u.	≤2 or ≥12.5	6.98	7.02	6.67 H	7.23 H

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APPENDIX K1
HISTORICAL DOCUMENTS SUMMARY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

VICKERY QUADRANGLE
OHIO
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 BELLEVUE 15' QUADRANGLE

(LACARNE) (GYPSUM)

83°00' 82°52'30"
41°30' 41°30'
41°22'30" 41°22'30"
27'30" 27'30"
25' 25'
57'30" 55'
R. 16 E. R. 17 E.
3334000m.E.
4595000m.N.
4582000m.N.
342000m.E.
1 890 000 FEET
660 000 FEET
630 000 FEET
1 870 000 FEET

(FREMONT EAST) (CASTALIA) (BELLEVUE)
(WIGHTMANS GROVE) (CLYDE)

PORT CLINTON 1.8 MI.
(PORT CLINTON) PORT CLINTON 1 MI.
11 MI. TO U.S. 6 & 20
OHIO TURNPIKE (INTERCHANGE 6) 8.3 MI.
20 MI. TO INTERCHANGE 7
5.5 MI. TO INTERCHANGE 6
BOWLING GREEN (JUNC. U.S. 25) 39 MI.
FREMONT 7 MI.
CLYDE (JUNC. U.S. 20) 4.5 MI.
SANDUSKY 10 MI.
1.4 MI. TO OHIO 101
2 MI. TO OHIO 101

PIPELINE
WONNELL ROAD
BM 581
PORT CLINTON ROAD
Port Clinton
LOCKWOOD ROAD
LUCHSINGER RD
SLOAN ROAD
Quarry
PLASTERER RD
Gypsum
Hickory Grove
P O R T A G E
B A Y
Light
Canvasback Point
Winous Point
OTTAWA CO
SANDUSKY CO
OTTAWA CO
ERIE CO
BAY
S A N D U S K Y B A Y
L A K E E R I E
MEAN LAKE ELEV 572
Squaw Island
MUDDY CREEK
Peach Island
Graveyard Island
The Bogs
Hickory Island
Bay View
SANDUSKY CO
ERIE CO
Willow Point
M A R G A R E T T A
OHIO AGRICULTURAL EXPERIMENT STATION (NORTH CENTRAL SUBSTATION)
Springbrook
WAHL ROAD
ERIE CO
SANDUSKY CO
Whites Landing
Bayshore
Pickerel Creek
Little Pickerel Creek
T. 6 N.
T. 5 N.
TEL LINE
Park
TELEPHONE LINE
Millers Spring
Strong Creek
Raccoon Creek
Riley Grange
Fuller Creek
Vickery
Township Sch
ST LOUIS AND CHICAGO NEW YORK
OHIO TURNPIKE
TOLL ROAD
BM 603
T O W N S E N D
R I L E Y

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1956. Field check 1957

Hydrography compiled from U. S. Lake Survey chart 36 (1959)

Polyconic projection. 1927 North American datum
10,000-foot grid based on Ohio coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue

Land lines based on First Principal Meridian

APPROXIMATE MEAN DECLINATION, 1957
2½° MAGNETIC NORTH TRUE NORTH

SCALE 1:24 000
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

CONTOUR INTERVAL 5 FEET
DATUM IS MEAN SEA LEVEL
SOUNDINGS IN FEET—DATUM IS MEAN LOW LAKE LEVEL 570.5 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

OHIO
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Heavy-duty — Light-duty
Medium-duty — Unimproved dirt
U.S. Route — State Route

INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C.-1960-NS
MR 2329

VICKERY, OHIO
NW/4 BELLEVUE 15' QUADRANGLE
N4122.5—W8252.5/7.5
1957

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

VICKERY QUADRANGLE
OHIO
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 BELLEVUE 15' QUADRANGLE

4367 II SE (LACARNE)
4467 III SE (GYPSUM)
4366 I NE (WIGHTMANS GROVE)
(CASTALIA) 4466 IV NE
(FREMONT EAST) 4366 I SE
(BELLEVUE) 4466 IV SE
4467 III SW (PORT CLINTON)

Mapped, edited, and published by the Geological Survey
Revised in cooperation with State of Ohio agencies

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1956. Field checked 1957. Revised from aerial photographs taken 1969. Field checked 1969

Selected hydrographic data compiled from U. S. Lake Charts 36 (1965), 39 (1968), and 364 (1967). This information is not intended for navigational purposes

Polyconic projection. 1927 North American datum
10,000-foot grid based on Ohio coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

Entire area lies within Congress Lands
Land lines based on the First Principal Meridian

UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24000

CONTOUR INTERVAL 5 FEET
DATUM IS MEAN SEA LEVEL
SOUNDINGS IN FEET—DATUM IS MEAN LOW LAKE LEVEL 568.6 FEET

ROAD CLASSIFICATION

Primary highway, all weather, hard surface	Light-duty road, all weather, improved surface
Secondary highway, all weather, hard surface	Unimproved road, fair or dry weather
Interstate Route	U. S. Route / State Route

OHIO
QUADRANGLE LOCATION

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

VICKERY, OHIO
NW/4 BELLEVUE 15' QUADRANGLE
N4122.5—W8252.5/7.5

1969

AMS 4466 IV NW—SERIES V852

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1971

CR 25

20

61

TOWNSEND

1750

2E-128

19

20

30

29

18

17

19

20

86 C

APPENDIX K2
PHOTOGRAPHIC DOCUMENTATION

Site: Townsend Township Dump Site
Photograph No.: 1 **Date:** 2/14/12
Direction: North **Photographer:** Michael Blair
Subject: View of the northern half of dump site.

Site: Townsend Township Dump Site
Photograph No.: 2 **Date:** 2/14/12
Direction: South **Photographer:** Michael Blair
Subject: View of the southern half of the dump site.

Site: Townsend Township Dump Site
Photograph No.: 3 **Date:** 2/14/12
Direction: West **Photographer:** Michael Blair
Subject: View of debris piles along the western central portion of the site.

Site: Townsend Township Dump Site
Photograph No.: 4 **Date:** 2/14/12
Direction: Northwest **Photographer:** Michael Blair
Subject: Trailer located in the central portion of the dump site.

Site: Townsend Township Dump Site
Photograph No.: 5 **Date:** 2/14/12
Direction: South **Photographer:** Michael Blair
Subject: View of drilling operation at soil boring location B01.

Site: Townsend Township Dump Site
Photograph No.: 6 **Date:** 2/14/12
Direction: South **Photographer:** Michael Blair
Subject: View of soil boring B02 location near the south end of the site.

Site: Townsend Township Dump Site
Photograph No.: 7 **Date:** 2/14/12
Direction: West **Photographer:** Michael Blair
Subject: View of soil boring B03 location.

Site: Townsend Township Dump Site
Photograph No.: 8 **Date:** 2/14/12
Direction: West **Photographer:** Michael Blair
Subject: View of soil boring B04 location.

Site: Clyde City Dump Site
Photograph No.: 9 **Date:** 2/23/12
Direction: North **Photographer:** Michael Blair
Subject: View of Geoprobe drilling operation at soil boring location B04.

Site: Clyde City Dump Site
Photograph No.: 10 **Date:** 2/23/12
Direction: Southeast **Photographer:** Michael Blair
Subject: View of temporary well and soil vapor probe at soil boring location B03.

APPENDIX K3
GEOPHYSICAL SURVEY REPORT AND FIGURES

GEOPHYSICAL INVESTIGATION
Eastern Sandusky County Project
Eastern Sandusky, Ohio

Prepared for:

Weston Solutions, Inc.
600 E. Lakeshore Drive, Suite 200
Houghton, Michigan 49931
February 22, 2012

Prepared by:

THG Geophysics, Ltd.
4280 Old William Penn Highway
Murrysville, Pennsylvania 15668
724-325-3996
www.geo-image.com
THG Project No. 770-4980

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LIST OF FIGURES

1.0 INTRODUCTION

1.1 BACKGROUND

Weston Solutions, Inc. contracted with THG Geophysics, Ltd. (THG) to image the Townsend Township Dump site as part of an investigation of 11 waste facilities in and around Clyde, Ohio (Figure 1). The work scope of this geophysical investigation is to determine the presence of buried drums and waste.

1.2 WORK SCOPE

The work scope consisted of imaging the subsurface of the Townsend Township Dump site (Figures 2 and 3) using electromagnetic terrain conductivity (EM) mapping techniques. The Geonics EM-31 frequency-domain electromagnetic terrain conductivity meter (EM) was deployed to image to a depth of 21 feet below grade at 10 of the site. The instrument was integrated with a DGPS system (Trimble ProXR).

2.0 GEOPHYSICAL SURVEY

2.1 INTRODUCTION

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

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

Disadvantages of EM for exploratory investigations are few but include:

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

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

2.2 THEORY

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

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

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

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

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

2.3 TOPOGRAPHIC NORMALIZATION

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

2.4 QUALITY ASSURANCE AND QUALITY CONTROL

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

3.0 GEOPHYSICAL INTERPRETATION

3.1 INTRODUCTION

EM data represent a response to the electrical conductivity of the skin depth of the tool. Several methodologies exist for presenting EM data including surface mapping and section profiling. Field data acquired for the survey were used to develop a terrain conductivity map for the Townsend Township Dump (Figures 2 and 3). Background soil terrain conductivity was measured to be approximately 20 mS/m in the Clyde, Ohio area.

The percolation of rainwater through organic waste and the degradation of organic material generate soluble and insoluble ions. These ions provide the elevated terrain conductivity to the leachate and waste (Figure 2). The in-phase terrain conductivity map is sensitive to ferrous and non-ferrous metals (Figure 3).

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

3.2 TOWNSEND TOWNSHIP DUMP

The Townsend site was reported to have been a waste lagoon. The site consists of a grassy field with some trees and surface debris and includes 3.5 acres. The surface debris and shed appear to be derived from the neighboring residences and not residual waste from the former lagoon.

The waste lagoon did not image well and was either excavated or received recalcitrant waste. The terrain conductivity is slightly elevated in the reported lagoon area (southern 1/3 of the site) and may be evidence of the waste (Figure 2). The inphase map does not show the presence of metal waste (Figure 3).

4.0 CONCLUSION

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

- The Townsend Township Dump site showed no obvious signs of waste placement.

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

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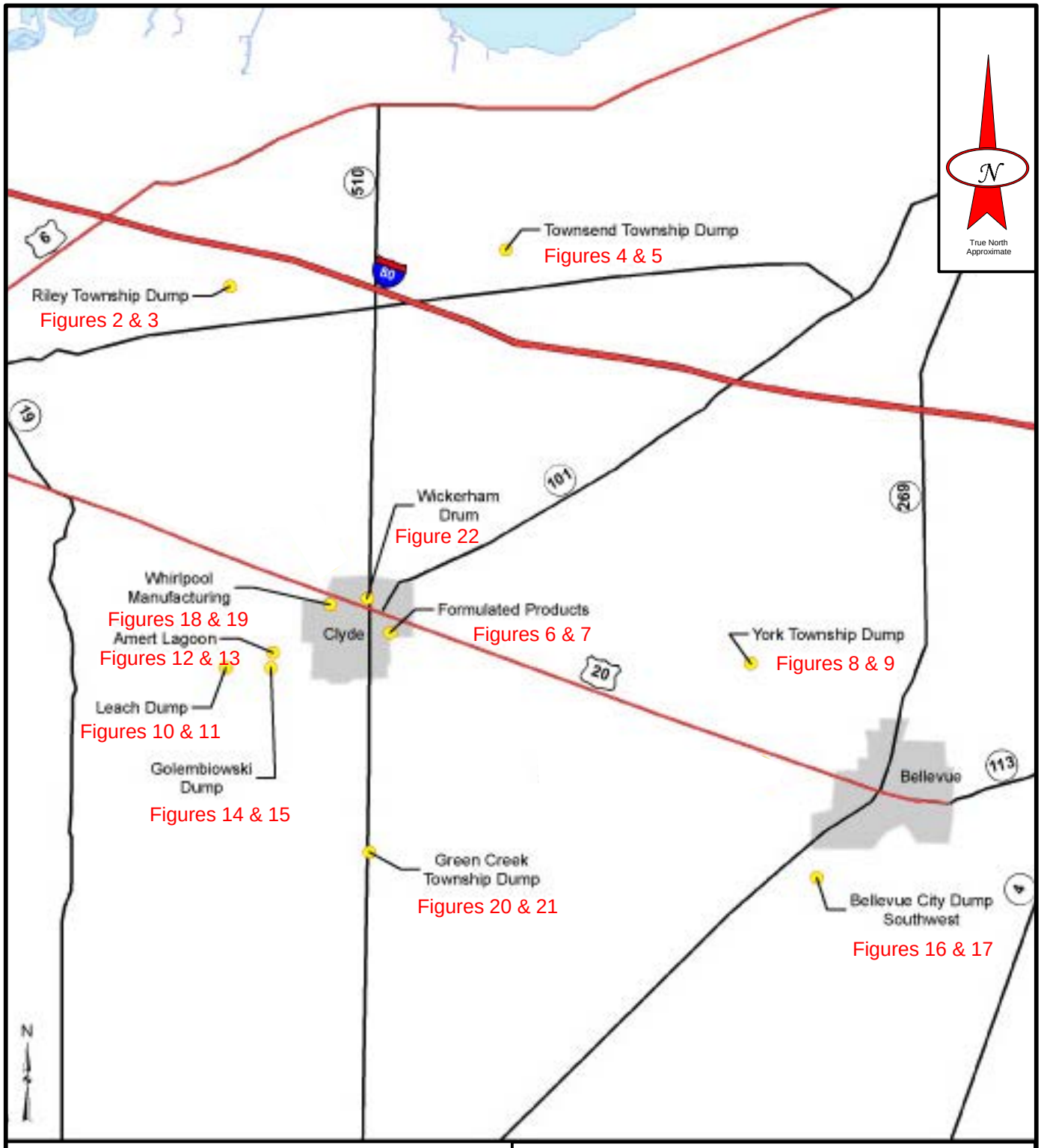

THG GEOPHYSICS
4280 Old William Penn Hwy
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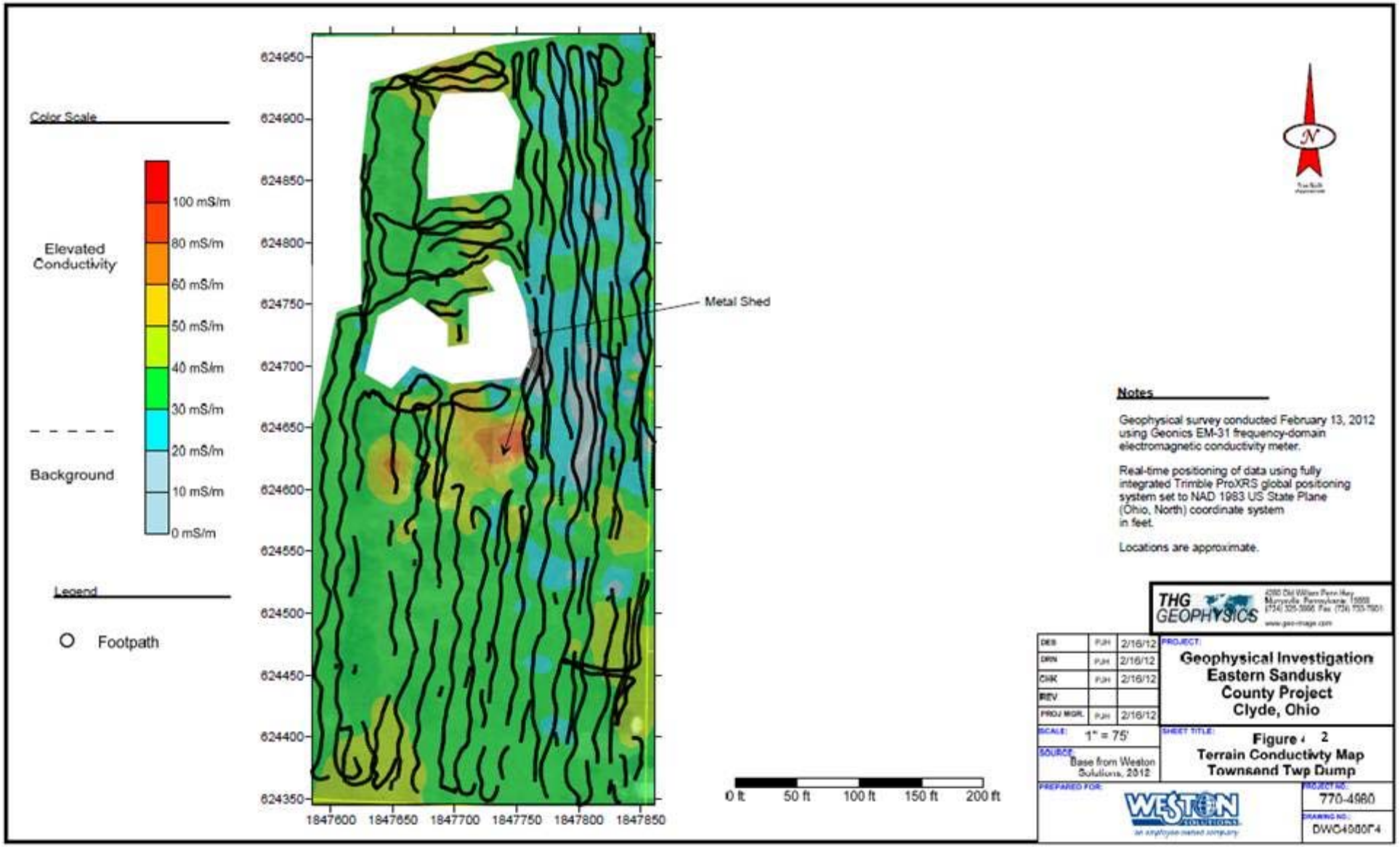
(724) 325-3996 Fax: (724) 733-7901
www.geo-image.com

Figure 1
Site Location Map

Geophysical Investigation
Eastern Sandusky County Project
Clyde, Ohio

SCALE: 1:120,000	PROJECT NO.: 770-4980	DRAWING NO.: DWG4980F1
DATE : 2/17/12		
DRAWN BY: PJH	SOURCE: Weston Solutions, 2012	
CHECKED BY: PJH		



Notes

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

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

Locations are approximate.

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www.geo-image.com

DES	PJH	2/16/12
DRN	PJH	2/16/12
CHK	PJH	2/16/12
REV		
PROJ MGR.	PJH	2/16/12

PROJECT:
Geophysical Investigation Eastern Sandusky County Project Clyde, Ohio

SCALE: 1" = 75'

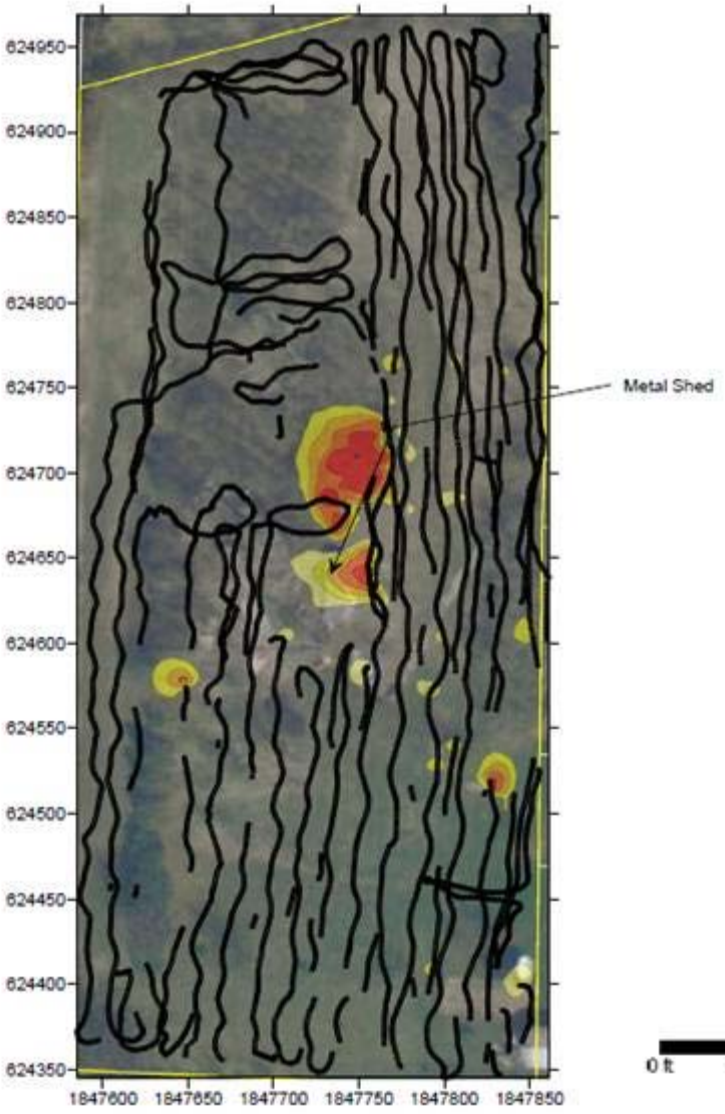
SOURCE: Base from Weston Solutions, 2012

SHEET TITLE:
Figure 2
Terrain Conductivty Map Townsend Twp Dump

PREPARED FOR: WESTON SOLUTIONS, an employee-owned company

PROJECT NO.: 770-4960

DRAWING NO.: DWG4960F4



Color Scale

Metal

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

Background

Metal

0 ft 50 ft 100 ft 150 ft 200 ft

Legend

Footpath

Notes

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

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

Locations are approximate.

THG GEOPHYSICS
4200 Old William Penn Hwy
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www.geo-image.com

DES	PJH	2/16/12
DRN	PJH	2/16/12
CHK	PJH	2/16/12
REV		
PROJ MGR	PJH	2/16/12

PROJECT:
Geophysical Investigation Eastern Sandusky County Project Clyde, Ohio

SCALE: 1" = 75'

SHEET TITLE:
Figure 3
Inphase (Metals) Map Townsend Twp Dump

SOURCE: Base from Weston Solutions, 2012

PREPARED FOR: WESTON SOLUTIONS, an engineer-owned company

PROJECT NO.: 770-4980

DRAWING NO.: DWG4980F5

APPENDIX K4
BORING LOGS

WESTON SOLUTIONS, INC.				Drilling/Lithologic Log		PAGE 1 OF 1	
Job Name	East Sandusky S.A.			**Boring No.**	TD-B01	**Groundwater Levels**	
Job No.	20405.012.001.1691.00			**Well Type**		**Date**	**Depth**
Date Drilled	14 Feb 12			**Drilling Method**	Direct Push		
Drilling Co.	Buckeye Probe			**Completion Depth**	16.0 (ft bgs)		
Drill Foreman	Rick Tosatto			**Location**	Townsend Twp Dump		
Logged By	Michael Blair			**Ground Elevation**			
Drill Rig Type	Geoprobe			**Top of Casing Elevation**			

Depth ft BGS	Sample Number / Time	Recovery (In.)	Well Log	USCS	Visual Description	FID/OVA HEATED HEADSPACE
	TD-B01-S01-021412			TS	TOPSOIL - Brown, grass, roots, wet. 0.2'	
2	TD-B01-S01-021412-DP 0946 hrs.	24		CL	SILTY CLAY - Brown clay with some silt, trace gravel, soft & moist. Note: 6 in. section of black slag & staining @ 2.0 ft.	2.9
4						N/A
6		31			Note: Oxidized root traces observed and overall material color change to light gray starting @ 5.5 ft.	N/A
8	TD-B01-S02-021412 0955 hrs.				Note: Black & gray mottled section @7.0 ft. 7.5'	0.6
10		36		CL	CLAY - Yellow brown clay, silt seams (0.1 mm thick), very soft, moist. (Lacustrine).	2.1
12						1.5
14		36		CL	CLAY - Gray clay, very soft, moist.	0.6
16					15'	0.6
				SC	SAND - Gray fine-grained sand, little clay, soft, moist. 16'	
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	
Job Name	East Sandusky S.A.		**Boring No.**	TD-B02	**Groundwater Levels**		
Job No.	20405.012.001.1691.00		**Well Type**	TD-W02	**Date**		**Depth**
Date Drilled	14 Feb 12		**Drilling Method**	Direct Push			3.0'
Drilling Co.	Buckeye Probe		**Completion Depth**	16.0 (ft bgs)			
Drill Foreman	Rick Tosatto		**Location**	Townsend Twp Dump			
Logged By	Michael Blair		**Ground Elevation**	N/A			
Drill Rig Type	Geoprobe		**Top of Casing Elevation**	99.47 ft.			

Depth ft BGS	Sample Number / Time	Recovery (In.)	Well Log	USCS	Visual Description	FID/OVA HEATED HEADSPACE
0				TS	TOPSOIL - Gray, grass, roots, wet. 0.2'	
2		4		CL	SILTY CLAY - Gray clay, some silt, wet, very soft.	2.4
					Note: Saturated soils starting @ 2.0 ft.	
4					Note: Encountered trash material @ 4 ft.	N/A
6		12				N/A
					Note: Reddish brown staining and broken concrete @ 7.0 ft. 7.0'	7.2
8					CLAY - Mottled yellow brown & gray clay, silt seams (0.1 mm), soft, moist. Possible varved layers indicating lacustrine deposit.	
10		48		CL		4.8
12					12'	8.5
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.**	TD-B03	**Groundwater Levels**	
Job No.	20405.012.001.1691.00		**Well Type**	TD-W03	**Date**	**Depth**
Date Drilled	14 Feb 12		**Drilling Method**	Direct Push		
Drilling Co.	Buckeye Probe		**Completion Depth**	16.0 (ft bgs)		
Drill Foreman	Rick Tosatto		**Location**	Townsend Twp Dump		
Logged By	Michael Blair		**Ground Elevation**	N/A		
Drill Rig Type	Geoprobe		**Top of Casing Elevation**	102.39 ft.		

Depth ft BGS	Sample Number / Time	Recovery (In.)	Well Log	USCS	Visual Description	FID/OVA HEATED HEADSPACE
				TS	TOPSOIL - Mottled black & gray clay, grass, roots, asphalt 0.2'	
2	TD-B03-S02-021412 1400 hrs.	6		CL	SILTY CLAY - Mottled black & gray clay, some silt, trace angular gravel/ asphalt, soft, moist. Note: Poor recovery likely due to trash material (liner was wet).	11
4					Note: Encountered broken concrete @ 3.75 ft.	N/A
6		24			Note: Poor recovery likely due to trash material (liner was wet). 6.0 ft	N/A
8				CL	CLAY - Yellow clay, some silt seams (0.1mm), soft, moist. Possible varved layering indicating lacustrine deposit.	3.5
10	TD-B03-S01-021412 1140 hrs.	48				6.7
12					12.0 ft	0.4
14					Boring terminated @ 12.0'	
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.**	**TD-B04**	**Groundwater Levels**	
Job No.	**20405.012.001.1691.00**	**Well Type**		**Date**	**Depth**
Date Drilled	14 Feb 12	**Drilling Method**	Direct Push		
Drilling Co.	Buckeye Probe	**Completion Depth**	8.0 (ft bgs)		
Drill Foreman	Rick Tosatto	**Location**	Townsend Twp Dump		
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 - brown clay, grass, roots, moist. 0.2'	
2	TD-B04-S01-021412 1455 hrs.	12		CL	CLAY - Mottled yellow brown & gray clay, some silt seams (0.1mm), soft, moist.	0.1
4						N/A
6		48				0
8					8.0'	0.1
10					Boring terminated @ 8.0 ft.	
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.**	TD-B05	**Groundwater Levels**	
Job No.	20405.012.001.1691.00	**Well Type**		**Date**	**Depth**
Date Drilled	14 Feb 12	**Drilling Method**	Direct Push		
Drilling Co.	Buckeye Probe	**Completion Depth**	8.0 (ft bgs)		
Drill Foreman	Rick Tosatto	**Location**	Townsend Twp Dump		
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 - Black, clay, some silt, trace gravel, grass, roots, moist. 0.2'	
2	TD-B05-S01-021412 1450 hrs.	12		CL	CLAY - Mottled yellow brown & gray clay, some manganese staining, soft, moist.	0.2
4						N/A
6		48			Note: Silt seams (0.1 mm) starting @ 6.0 ft. Deposits are varved indicating lacustrine deposits.	0.1
8					8.0'	0.1
10					Boring terminated @ 8.0 ft.	
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.**	TD-B06	**Groundwater Levels**	
Job No.	20405.012.001.1691.00		**Well Type**	TD-W06	**Date**	**Depth**
Date Drilled	14 Feb 12		**Drilling Method**	Direct Push		
Drilling Co.	Buckeye Probe		**Completion Depth**	12.0 (ft bgs)		
Drill Foreman	Rick Tosatto		**Location**	Townsend Twp Dump		
Logged By	Michael Blair		**Ground Elevation**	N/A		
Drill Rig Type	Geoprobe		**Top of Casing Elevation**	100.37 ft.		

Depth ft BGS	Sample Number / Time	Recovery (In.)	Well Log	USCS	Visual Description	FID/OVA HEATED HEADSPACE
	TD-B06-S01-021412			TS	TOPSOIL - Black sand, some silt, grass, roots, moist. 0.2'	
	TD-B06-S01-021412-DP			SM	SILTY SAND - Black sand, some silt, trace gravel, soft, moist.	0.1
2	1550 hrs.	12		SC	Note: 4" thick seam of black slag @ 1.5 ft. 1.5'	
					CLAYEY SAND - Brown sand, some clay, very soft, moist. 2'	
				SM	SILTY SAND - Brown sand, some silt, little clay, very soft, saturated.	N/A
4						
						N/A
6		24			Note: Increasing silt content @ 6.0 ft. 6.5'	
	TD-B06-S02-021412					0.2
8	1610 hrs.				CLAY - Mottled gray & yellow brown clay, very soft, moist. Note: Silt seams (0.1 mm) beginning at 7.25'. Varved layering indicating lacustrine deposit. Color changes to mottled brown & gray.	
				CL		0.1
10		48				
						0.2
12					12'	
					Boring terminated @ 12.0 ft.	
14						
16						
18						

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

APPENDIX K5
ANALYTICAL DATA VALIDATION REPORTS

EASTERN SANDUSKY COUNTY DUMPS
SANDUSKY COUNTY, OHIO
DATA VALIDATION REPORT

Date: March 7, 2012
Laboratory: ALS Environmental (ALS), Holland, Michigan
Laboratory Project #: 1202447
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 19 soil samples plus one trip blank collected for the Eastern Sandusky County Dumps Site that were analyzed for the following parameters and U.S. Environmental Protection Agency (U.S. EPA) methods:

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

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

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1202447

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
FP-B01-S01-021312	1202447-01	Soil	2/13/2012	2/17/2012
FP-B01-S02-021312	1202447-02	Soil	2/13/2012	2/17/2012
FP-B02-S01-021312	1202447-03	Soil	2/13/2012	2/17/2012
FP-B02-S02-021312	1202447-04	Soil	2/13/2012	2/17/2012
FP-B03-S01-021312	1202447-05	Soil	2/13/2012	2/17/2012
FP-B03-S02-021312	1202447-06	Soil	2/13/2012	2/17/2012
FP-B04-S01-021312	1202447-07	Soil	2/13/2012	2/17/2012
FP-B04-S02-021312	1202447-08	Soil	2/13/2012	2/17/2012
FP-B05-S01-021312	1202447-09	Soil	2/13/2012	2/17/2012
TD-B01-S01-021412	1202447-19	Soil	2/14/2012	2/17/2012
TD-B01-S01-021412-DP	1202447-20	Soil	2/14/2012	2/17/2012
TD-B01-S02-021412	1202447-21	Soil	2/14/2012	2/17/2012
TD-B03-S01-021412	1202447-22	Soil	2/14/2012	2/17/2012
TD-B03-S02-021412	1202447-23	Soil	2/14/2012	2/17/2012
TD-B04-S01-021412	1202447-24	Soil	2/14/2012	2/17/2012
TD-B05-S01-021412	1202447-25	Soil	2/14/2012	2/17/2012
TD-B06-S01-021412	1202447-26	Soil	2/14/2012	2/17/2012
TD-B06-S01-021412-DP	1202447-27	Soil	2/14/2012	2/17/2012
TD-B06-S02-021412	1202447-28	Soil	2/14/2012	2/17/2012
Trip Blank	1202447-39	Soil	2/13/2012	2/17/2012

2. Holding Times

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

3. Blanks

Method blanks were analyzed with the VOC analyses. The method blanks were free of target compound contamination above the reporting limit. Methlylene chloride was detected below the reporting limit in one of the blanks but not detected in the samples; therefore, no qualifications were required.

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

4. Surrogate Results

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

5. Laboratory Control Sample (LCS) Results

The LCS and LCS duplicate (LCSD) recoveries and relative percent differences (RPD) were within laboratory QC limits except for as follows. Methylene chloride and 4-Methyl-2-pentanone were detected high in an LCS. Because these compounds were not detected in the samples, no qualifications are required.

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

A site-specific MS and MSD were analyzed using sample TD-B06-S02-021412 as the spiked sample. The percent recoveries and RPDs were with QC limits except for as follows. 1,1-Dichloroethene was detected slightly below the QC limit in the MS and MSD. The RPD for 4-Methyl-2-pentanone was above the QC limit. Because these compounds were not of concern in the samples and all other MS/MSD QC limits were met, no qualifications were applied for these minor discrepancies. There does not appear to be matrix interference associated with the VOC analysis of this soil sample.

7. Field Duplicate Results

There are two field duplicates associated with this work order: TD-B01-S01-021412-DP and TD-B06-S01-021412-DP. Both samples contained no detections of target analytes above the reporting limit.

8. Overall Assessment

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

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1202447

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
FP-B01-S01-021312	1202447-10	Soil	2/13/2012	2/18/2012
FP-B01-S02-021312	1202447-11	Soil	2/13/2012	2/18/2012
FP-B02-S01-021312	1202447-12	Soil	2/13/2012	2/18/2012
FP-B02-S02-021312	1202447-13	Soil	2/13/2012	2/18/2012
FP-B03-S01-021312	1202447-14	Soil	2/13/2012	2/18/2012
FP-B03-S02-021312	1202447-15	Soil	2/13/2012	2/18/2012
FP-B04-S01-021312	1202447-16	Soil	2/13/2012	2/21/2012
FP-B04-S02-021312	1202447-17	Soil	2/13/2012	2/21/2012
FP-B05-S01-021312	1202447-18	Soil	2/13/2012	2/21/2012
TD-B01-S01-021412	1202447-29	Soil	2/14/2012	2/21/2012
TD-B01-S01-021412-DP	1202447-30	Soil	2/14/2012	2/21/2012
TD-B01-S02-021412	1202447-31	Soil	2/14/2012	2/21/2012
TD-B03-S01-021412	1202447-32	Soil	2/14/2012	2/21/2012
TD-B03-S02-021412	1202447-33	Soil	2/14/2012	2/21/2012
TD-B04-S01-021412	1202447-34	Soil	2/14/2012	2/21/2012
TD-B05-S01-021412	1202447-35	Soil	2/14/2012	2/21/2012
TD-B06-S01-021412	1202447-36	Soil	2/14/2012	2/21/2012
TD-B06-S01-021412-DP	1202447-37	Soil	2/14/2012	2/21/2012
TD-B06-S02-021412	1202447-38	Soil	2/14/2012	2/21/2012

2. Holding Times

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

3. Blanks

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

4. Surrogate Results

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

5. LCS Results

The LCS and LCSD recoveries and RPDs were within laboratory QC limits.

6. MS and MSD Results

A site-specific MS and MSD were analyzed using sample TD-B06-S02-021412 as the spiked sample. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

There are two field duplicates associated with this work order: TD-B01-S01-021412-DP and TD-B06-S01-021412-DP. Both samples contained no detections of target analytes above the reporting limit.

8. Overall Assessment

The 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
FP-B01-S01-021312	1202447-01	Soil	2/13/2012	2/16/2012	2/20/2012
FP-B01-S02-021312	1202447-02	Soil	2/13/2012	2/16/2012	2/17/2012
FP-B02-S01-021312	1202447-03	Soil	2/13/2012	2/16/2012	2/18/2012
FP-B02-S02-021312	1202447-04	Soil	2/13/2012	2/16/2012	2/17/2012
FP-B03-S01-021312	1202447-05	Soil	2/13/2012	2/16/2012	2/20/2012
FP-B03-S02-021312	1202447-06	Soil	2/13/2012	2/16/2012	2/17/2012
FP-B04-S01-021312	1202447-07	Soil	2/13/2012	2/16/2012	2/17/2012
FP-B04-S02-021312	1202447-08	Soil	2/13/2012	2/16/2012	2/17/2012
FP-B05-S01-021312	1202447-09	Soil	2/13/2012	2/16/2012	2/18/2012
TD-B01-S01-021412	1202447-19	Soil	2/14/2012	2/16/2012	2/20/2012
TD-B01-S01-021412-DP	1202447-20	Soil	2/14/2012	2/16/2012	2/20/2012
TD-B01-S02-021412	1202447-21	Soil	2/14/2012	2/16/2012	2/17/2012
TD-B03-S01-021412	1202447-22	Soil	2/14/2012	2/16/2012	2/17/2012
TD-B03-S02-021412	1202447-23	Soil	2/14/2012	2/16/2012	2/17/2012

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
TD-B04-S01-021412	1202447-24	Soil	2/14/2012	2/16/2012	2/17/2012
TD-B05-S01-021412	1202447-25	Soil	2/14/2012	2/16/2012	2/17/2012
TD-B06-S01-021412	1202447-26	Soil	2/14/2012	2/16/2012	2/20/2012
TD-B06-S01-021412-DP	1202447-27	Soil	2/14/2012	2/16/2012	2/20/2012
TD-B06-S02-021412	1202447-28	Soil	2/14/2012	2/16/2012	2/17/2012

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. Some SVOCs were detected below the reporting limits in the method blank; however, the sample concentrations were either non-detect or much greater in concentration and no qualifications were warranted.

4. Surrogate Results

The surrogate recoveries were within the laboratory-established QC limits except as follows. In one sample, one of the six surrogates was detected high. No qualification is warranted for one surrogate being outside QC limits.

5. LCS Results

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

6. MS and MSD Results

A site-specific MS and MSD were analyzed using sample TD-B06-S02-021412 as the spiked sample. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

There are two field duplicates associated with this work order: TD-B01-S01-021412-DP and TD-B06-S01-021412-DP. Most results were non-detect. For the detected SVOCs, RPDs were calculated. The RPDs ranged from 26 to 180. The majority of these were high, above a standard QC limit of 50 RPD indicating that SVOCs are heterogeneous in the sample matrix.

8. Overall Assessment

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

TCLP SVOCs BY SW-846 METHODS 1311 AND 8270

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
FP-B01-S01-021312	1202447-10	Soil	2/13/2012	2/20/2012	2/21/2012
FP-B01-S02-021312	1202447-11	Soil	2/13/2012	2/20/2012	2/21/2012
FP-B02-S01-021312	1202447-12	Soil	2/13/2012	2/20/2012	2/21/2012
FP-B02-S02-021312	1202447-13	Soil	2/13/2012	2/20/2012	2/21/2012
FP-B03-S01-021312	1202447-14	Soil	2/13/2012	2/20/2012	2/21/2012
FP-B03-S02-021312	1202447-15	Soil	2/13/2012	2/20/2012	2/21/2012
FP-B04-S01-021312	1202447-16	Soil	2/13/2012	2/20/2012	2/21/2012
FP-B04-S02-021312	1202447-17	Soil	2/13/2012	2/20/2012	2/21/2012
FP-B05-S01-021312	1202447-18	Soil	2/13/2012	2/20/2012	2/21/2012
TD-B01-S01-021412	1202447-29	Soil	2/14/2012	2/20/2012	2/21/2012
TD-B01-S01-021412-DP	1202447-30	Soil	2/14/2012	2/20/2012	2/21/2012
TD-B01-S02-021412	1202447-31	Soil	2/14/2012	2/20/2012	2/22/2012
TD-B03-S01-021412	1202447-32	Soil	2/14/2012	2/20/2012	2/22/2012
TD-B03-S02-021412	1202447-33	Soil	2/14/2012	2/22/2012	2/23/2012
TD-B04-S01-021412	1202447-34	Soil	2/14/2012	2/22/2012	2/23/2012
TD-B05-S01-021412	1202447-35	Soil	2/14/2012	2/22/2012	2/23/2012
TD-B06-S01-021412	1202447-36	Soil	2/14/2012	2/22/2012	2/23/2012
TD-B06-S01-021412-DP	1202447-37	Soil	2/14/2012	2/22/2012	2/24/2012
TD-B06-S02-021412	1202447-38	Soil	2/14/2012	2/20/2012	2/21/2012

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 and RPDs for the LCS and LCSD results were within the laboratory-established QC limits.

6. MS and MSD Results

A site-specific MS and MSD were analyzed using sample TD-B06-S02-021412 as the spiked sample. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

There are two field duplicates associated with this work order: TD-B01-S01-021412-DP and TD-B06-S01-021412-DP. All results were non-detect indicating good correlation between the field duplicate and parent sample.

8. Overall Assessment

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

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1202447

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
FP-B01-S01-021312	1202447-01	Soil	2/13/2012	2/20/2012	2/23/2012
FP-B01-S02-021312	1202447-02	Soil	2/13/2012	2/20/2012	2/23/2012
FP-B02-S01-021312	1202447-03	Soil	2/13/2012	2/20/2012	2/23/2012
FP-B02-S02-021312	1202447-04	Soil	2/13/2012	2/20/2012	2/23/2012
FP-B03-S01-021312	1202447-05	Soil	2/13/2012	2/20/2012	2/23/2012
FP-B03-S02-021312	1202447-06	Soil	2/13/2012	2/20/2012	2/24/2012
FP-B04-S01-021312	1202447-07	Soil	2/13/2012	2/20/2012	2/24/2012
FP-B04-S02-021312	1202447-08	Soil	2/13/2012	2/20/2012	2/24/2012
FP-B05-S01-021312	1202447-09	Soil	2/13/2012	2/20/2012	2/24/2012
TD-B01-S01-021412	1202447-19	Soil	2/14/2012	2/20/2012	2/24/2012
TD-B01-S01-021412-DP	1202447-20	Soil	2/14/2012	2/20/2012	2/24/2012
TD-B01-S02-021412	1202447-21	Soil	2/14/2012	2/20/2012	2/24/2012
TD-B03-S01-021412	1202447-22	Soil	2/14/2012	2/20/2012	2/24/2012
TD-B03-S02-021412	1202447-23	Soil	2/14/2012	2/20/2012	2/24/2012
TD-B04-S01-021412	1202447-24	Soil	2/14/2012	2/20/2012	2/24/2012
TD-B05-S01-021412	1202447-25	Soil	2/14/2012	2/20/2012	2/24/2012
TD-B06-S01-021412	1202447-26	Soil	2/14/2012	2/20/2012	2/24/2012
TD-B06-S01-021412-DP	1202447-27	Soil	2/14/2012	2/20/2012	2/24/2012
TD-B06-S02-021412	1202447-28	Soil	2/14/2012	2/20/2012	2/24/2012

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

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 and LCSD recoveries and RPDs were within the laboratory-established QC limits.

6. MS and MSD Results

A site-specific MS and MSD were analyzed using sample TD-B06-S02-021412 as the spiked sample. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

There are two field duplicates associated with this work order: TD-B01-S01-021412-DP and TD-B06-S01-021412-DP. All results were non-detect indicating good correlation between the field duplicate and parent sample.

8. Overall Assessment

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

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
FP-B01-S01-021312	1202447-01	Soil	2/13/2012	2/20/2012	2/22/2012
FP-B01-S02-021312	1202447-02	Soil	2/13/2012	2/20/2012	2/22/2012
FP-B02-S01-021312	1202447-03	Soil	2/13/2012	2/20/2012	2/22/2012
FP-B02-S02-021312	1202447-04	Soil	2/13/2012	2/20/2012	2/22/2012
FP-B03-S01-021312	1202447-05	Soil	2/13/2012	2/20/2012	2/22/2012
FP-B03-S02-021312	1202447-06	Soil	2/13/2012	2/20/2012	2/22/2012
FP-B04-S01-021312	1202447-07	Soil	2/13/2012	2/20/2012	2/22/2012
FP-B04-S02-021312	1202447-08	Soil	2/13/2012	2/20/2012	2/22/2012
FP-B05-S01-021312	1202447-09	Soil	2/13/2012	2/20/2012	2/22/2012
TD-B01-S01-021412	1202447-19	Soil	2/14/2012	2/20/2012	2/22/2012
TD-B01-S01-021412-DP	1202447-20	Soil	2/14/2012	2/20/2012	2/22/2012

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
TD-B01-S02-021412	1202447-21	Soil	2/14/2012	2/20/2012	2/22/2012
TD-B03-S01-021412	1202447-22	Soil	2/14/2012	2/20/2012	2/22/2012
TD-B03-S02-021412	1202447-23	Soil	2/14/2012	2/20/2012	2/22/2012
TD-B04-S01-021412	1202447-24	Soil	2/14/2012	2/20/2012	2/22/2012
TD-B05-S01-021412	1202447-25	Soil	2/14/2012	2/20/2012	2/22/2012
TD-B06-S01-021412	1202447-26	Soil	2/14/2012	2/20/2012	2/22/2012
TD-B06-S01-021412-DP	1202447-27	Soil	2/14/2012	2/20/2012	2/22/2012
TD-B06-S02-021412	1202447-28	Soil	2/14/2012	2/20/2012	2/22/2012

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 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 and LCSD recoveries and RPDs were within the laboratory-established QC limits.

6. MS and MSD Results

A site-specific MS and MSD were analyzed using sample TD-B06-S02-021412 as the spiked sample. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

There are two field duplicates associated with this work order: TD-B01-S01-021412-DP and TD-B06-S01-021412-DP. All results were non-detect indicating good correlation between the field duplicate and parent sample.

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
FP-B01-S01-021312	1202447-10	Soil	2/13/2012	2/22/2012	2/23/2012
FP-B01-S02-021312	1202447-11	Soil	2/13/2012	2/22/2012	2/23/2012
FP-B02-S01-021312	1202447-12	Soil	2/13/2012	2/22/2012	2/23/2012
FP-B02-S02-021312	1202447-13	Soil	2/13/2012	2/22/2012	2/23/2012
FP-B03-S01-021312	1202447-14	Soil	2/13/2012	2/22/2012	2/23/2012
FP-B03-S02-021312	1202447-15	Soil	2/13/2012	2/22/2012	2/23/2012
FP-B04-S01-021312	1202447-16	Soil	2/13/2012	2/22/2012	2/23/2012
FP-B04-S02-021312	1202447-17	Soil	2/13/2012	2/22/2012	2/23/2012
FP-B05-S01-021312	1202447-18	Soil	2/13/2012	2/22/2012	2/23/2012
TD-B01-S01-021412	1202447-29	Soil	2/14/2012	2/22/2012	2/23/2012
TD-B01-S01-021412-DP	1202447-30	Soil	2/14/2012	2/22/2012	2/25/2012
TD-B01-S02-021412	1202447-31	Soil	2/14/2012	2/22/2012	2/25/2012
TD-B03-S01-021412	1202447-32	Soil	2/14/2012	2/22/2012	2/25/2012
TD-B03-S02-021412	1202447-33	Soil	2/14/2012	2/22/2012	2/25/2012
TD-B04-S01-021412	1202447-34	Soil	2/14/2012	2/22/2012	2/25/2012
TD-B05-S01-021412	1202447-35	Soil	2/14/2012	2/23/2012	2/25/2012
TD-B06-S01-021412	1202447-36	Soil	2/14/2012	2/23/2012	2/25/2012
TD-B06-S01-021412-DP	1202447-37	Soil	2/14/2012	2/23/2012	2/25/2012
TD-B06-S02-021412	1202447-38	Soil	2/14/2012	2/23/2012	2/25/2012

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 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 and LCSD recoveries and RPDs were within the laboratory-established QC limits.

6. MS and MSD Results

A site-specific MS and MSD were analyzed using sample TD-B06-S02-021412 as the spiked sample. The percent recoveries and RPDs were with QC limits except for one recovery which was only slightly above the QC limit. No qualifications were applied for this minor discrepancy.

7. Field Duplicate Results

There are two field duplicates associated with this work order: TD-B01-S01-021412-DP and TD-B06-S01-021412-DP. All results were non-detect indicating good correlation between the field duplicate and parent sample.

8. Overall Assessment

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

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
FP-B01-S01-021312	1202447-01	Soil	2/13/2012	2/20/2012	2/21/2012
FP-B01-S02-021312	1202447-02	Soil	2/13/2012	2/20/2012	2/21/2012
FP-B02-S01-021312	1202447-03	Soil	2/13/2012	2/20/2012	2/21/2012
FP-B02-S02-021312	1202447-04	Soil	2/13/2012	2/20/2012	2/21/2012
FP-B03-S01-021312	1202447-05	Soil	2/13/2012	2/20/2012	2/21/2012
FP-B03-S02-021312	1202447-06	Soil	2/13/2012	2/20/2012	2/21/2012
FP-B04-S01-021312	1202447-07	Soil	2/13/2012	2/20/2012	2/21/2012
FP-B04-S02-021312	1202447-08	Soil	2/13/2012	2/20/2012	2/21/2012

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
FP-B05-S01-021312	1202447-09	Soil	2/13/2012	2/20/2012	2/21/2012
TD-B01-S01-021412	1202447-19	Soil	2/14/2012	2/20/2012	2/21/2012
TD-B01-S01-021412-DP	1202447-20	Soil	2/14/2012	2/20/2012	2/21/2012
TD-B01-S02-021412	1202447-21	Soil	2/14/2012	2/20/2012	2/21/2012
TD-B03-S01-021412	1202447-22	Soil	2/14/2012	2/20/2012	2/21/2012
TD-B03-S02-021412	1202447-23	Soil	2/14/2012	2/20/2012	2/21/2012
TD-B04-S01-021412	1202447-24	Soil	2/14/2012	2/20/2012	2/21/2012
TD-B05-S01-021412	1202447-25	Soil	2/14/2012	2/20/2012	2/21/2012
TD-B06-S01-021412	1202447-26	Soil	2/14/2012	2/20/2012	2/21/2012
TD-B06-S01-021412-DP	1202447-27	Soil	2/14/2012	2/20/2012	2/21/2012
TD-B06-S02-021412	1202447-28	Soil	2/14/2012	2/20/2012	2/21/2012

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 and LCSD recoveries and RPDs were within the laboratory-established QC limits.

6. MS and MSD Results

A site-specific MS and MSD were analyzed using sample TD-B06-S02-021412 as the spiked sample. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

There are two field duplicates associated with this work order: TD-B01-S01-021412-DP and TD-B06-S01-021412-DP. All results were non-detect indicating good correlation between the field duplicate and parent sample.

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
FP-B01-S01-021312	1202447-10	Soil	2/13/2012	2/21/2012	2/21/2012
FP-B01-S02-021312	1202447-11	Soil	2/13/2012	2/21/2012	2/21/2012
FP-B02-S01-021312	1202447-12	Soil	2/13/2012	2/21/2012	2/21/2012
FP-B02-S02-021312	1202447-13	Soil	2/13/2012	2/21/2012	2/21/2012
FP-B03-S01-021312	1202447-14	Soil	2/13/2012	2/21/2012	2/21/2012
FP-B03-S02-021312	1202447-15	Soil	2/13/2012	2/21/2012	2/21/2012
FP-B04-S01-021312	1202447-16	Soil	2/13/2012	2/21/2012	2/21/2012
FP-B04-S02-021312	1202447-17	Soil	2/13/2012	2/21/2012	2/21/2012
FP-B05-S01-021312	1202447-18	Soil	2/13/2012	2/21/2012	2/21/2012
TD-B01-S01-021412	1202447-29	Soil	2/14/2012	2/21/2012	2/21/2012
TD-B01-S01-021412-DP	1202447-30	Soil	2/14/2012	2/21/2012	2/21/2012
TD-B01-S02-021412	1202447-31	Soil	2/14/2012	2/21/2012	2/21/2012
TD-B03-S01-021412	1202447-32	Soil	2/14/2012	2/21/2012	2/21/2012
TD-B03-S02-021412	1202447-33	Soil	2/14/2012	2/21/2012	2/21/2012
TD-B04-S01-021412	1202447-34	Soil	2/14/2012	2/21/2012	2/21/2012
TD-B05-S01-021412	1202447-35	Soil	2/14/2012	2/21/2012	2/21/2012
TD-B06-S01-021412	1202447-36	Soil	2/14/2012	2/21/2012	2/21/2012
TD-B06-S01-021412-DP	1202447-37	Soil	2/14/2012	2/21/2012	2/21/2012
TD-B06-S02-021412	1202447-38	Soil	2/14/2012	2/21/2012	2/21/2012

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 and LCSD recoveries and RPDs were within the laboratory-established QC limits.

6. MS and MSD Results

A site-specific MS and MSD were analyzed using sample TD-B06-S02-021412 as the spiked sample. The percent recoveries were with QC limits. The RPDs were above the QC limits. Because TCLP herbicides were not detected in the samples, no qualifications were applied.

7. Field Duplicate Results

There are two field duplicates associated with this work order: TD-B01-S01-021412-DP and TD-B06-S01-021412-DP. All results were non-detect indicating good correlation between the field duplicate and parent sample.

8. Overall Assessment

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

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1202447

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
FP-B01-S01-021312	1202447-01	Soil	2/13/2012	2/17/2012 – 2/21/2012
FP-B01-S02-021312	1202447-02	Soil	2/13/2012	2/17/2012 – 2/21/2012
FP-B02-S01-021312	1202447-03	Soil	2/13/2012	2/17/2012 – 2/21/2012
FP-B02-S02-021312	1202447-04	Soil	2/13/2012	2/17/2012 – 2/22/2012
FP-B03-S01-021312	1202447-05	Soil	2/13/2012	2/17/2012 – 2/23/2012
FP-B03-S02-021312	1202447-06	Soil	2/13/2012	2/17/2012 – 2/22/2012
FP-B04-S01-021312	1202447-07	Soil	2/13/2012	2/17/2012 – 2/22/2012
FP-B04-S02-021312	1202447-08	Soil	2/13/2012	2/17/2012 – 2/22/2012
FP-B05-S01-021312	1202447-09	Soil	2/13/2012	2/17/2012 – 2/22/2012
TD-B01-S01-021412	1202447-19	Soil	2/14/2012	2/17/2012 – 2/22/2012
TD-B01-S01-021412-DP	1202447-20	Soil	2/14/2012	2/17/2012 – 2/21/2012
TD-B01-S02-021412	1202447-21	Soil	2/14/2012	2/17/2012 – 2/22/2012
TD-B03-S01-021412	1202447-22	Soil	2/14/2012	2/17/2012 – 2/22/2012
TD-B03-S02-021412	1202447-23	Soil	2/14/2012	2/17/2012 – 2/22/2012
TD-B04-S01-021412	1202447-24	Soil	2/14/2012	2/17/2012 – 2/22/2012
TD-B05-S01-021412	1202447-25	Soil	2/14/2012	2/21/2012 – 2/22/2012
TD-B06-S01-021412	1202447-26	Soil	2/14/2012	2/20/2012 – 2/22/2012
TD-B06-S01-021412-DP	1202447-27	Soil	2/14/2012	2/21/2012 – 2/22/2012
TD-B06-S02-021412	1202447-28	Soil	2/14/2012	2/21/2012 – 2/23/2012

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 and LCSD recoveries and RPDs were within the laboratory-established QC limits.

5. MS and MSD Results

A site-specific MS and MSD were analyzed using sample TD-B06-S02-021412 as the spiked sample. The percent recoveries were with QC limits except for as follows.

Some of the metals could not be adequately recovered because the spike amount was much less (more than four times less) than the sample concentrations. No qualifications are required in these instances.

Some metals were detected below the QC limit for recovery and some were detected above the QC limit for recovery. Several metals were qualified in sample TD-B06-S02-021412 due to potential matrix interferences. Specific metals qualified included antimony, beryllium, boron, chromium, copper, nickel, potassium, selenium, silver, and vanadium.

6. Field Duplicate Results

There are two field duplicates associated with this work order: TD-B01-S01-021412-DP and TD-B06-S01-021412-DP. The RPDs were calculated for detected metals. Most RPDs were below a standard QC limit of 50 percent. The exceptions were with field duplicate TD-B06-S01-021412-DP for the following metals: calcium, copper, manganese, and zinc. In general correlation between the field duplicate and parent sample was acceptable.

7. Overall Assessment

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

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1202447

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
FP-B01-S01-021312	1202447-10	Soil	2/13/2012	2/20/2012
FP-B01-S02-021312	1202447-11	Soil	2/13/2012	2/20/2012
FP-B02-S01-021312	1202447-12	Soil	2/13/2012	2/20/2012
FP-B02-S02-021312	1202447-13	Soil	2/13/2012	2/20/2012
FP-B03-S01-021312	1202447-14	Soil	2/13/2012	2/20/2012
FP-B03-S02-021312	1202447-15	Soil	2/13/2012	2/20/2012
FP-B04-S01-021312	1202447-16	Soil	2/13/2012	2/20/2012
FP-B04-S02-021312	1202447-17	Soil	2/13/2012	2/20/2012
FP-B05-S01-021312	1202447-18	Soil	2/13/2012	2/20/2012
TD-B01-S01-021412	1202447-29	Soil	2/14/2012	2/20/2012
TD-B01-S01-021412-DP	1202447-30	Soil	2/14/2012	2/20/2012 – 2/21/2012
TD-B01-S02-021412	1202447-31	Soil	2/14/2012	2/20/2012
TD-B03-S01-021412	1202447-32	Soil	2/14/2012	2/20/2012 – 2/21/2012
TD-B03-S02-021412	1202447-33	Soil	2/14/2012	2/20/2012 – 2/21/2012
TD-B04-S01-021412	1202447-34	Soil	2/14/2012	2/20/2012 – 2/21/2012
TD-B05-S01-021412	1202447-35	Soil	2/14/2012	2/20/2012 – 2/21/2012
TD-B06-S01-021412	1202447-36	Soil	2/14/2012	2/20/2012 – 2/21/2012
TD-B06-S01-021412-DP	1202447-37	Soil	2/14/2012	2/20/2012 – 2/21/2012
TD-B06-S02-021412	1202447-38	Soil	2/14/2012	2/20/2012 – 2/21/2012

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. TCLP selenium was detected in one method blank below the reporting limit. For TCLP selenium, no qualifications were required because the sample results were non-detect.

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 TD-B06-S02-021412 as the spiked sample. The percent recoveries and RPDs were with QC limits.

6. Field Duplicate Results

There are two field duplicates associated with this work order: TD-B01-S01-021412-DP and TD-B06-S01-021412-DP. The RPDs were calculated for detected TCLP metals. Most RPDs were below a standard QC limit of 50 percent. The exception was with field duplicate TD-B06-S01-021412-DP for TCLP cadmium. In general correlation between the field duplicate and parent sample was acceptable.

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 #: 1202447

HEXAVALENT CHROMIUM BY SW-846 METHOD 7196A

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
FP-B01-S01-021312	1202447-01	Soil	2/13/2012	2/21/2012
FP-B01-S02-021312	1202447-02	Soil	2/13/2012	2/21/2012
FP-B02-S01-021312	1202447-03	Soil	2/13/2012	2/21/2012
FP-B02-S02-021312	1202447-04	Soil	2/13/2012	2/21/2012
FP-B03-S01-021312	1202447-05	Soil	2/13/2012	2/21/2012
FP-B03-S02-021312	1202447-06	Soil	2/13/2012	2/21/2012
FP-B04-S01-021312	1202447-07	Soil	2/13/2012	2/21/2012
FP-B04-S02-021312	1202447-08	Soil	2/13/2012	2/21/2012
FP-B05-S01-021312	1202447-09	Soil	2/13/2012	2/21/2012
TD-B01-S01-021412	1202447-19	Soil	2/14/2012	2/21/2012
TD-B01-S01-021412-DP	1202447-20	Soil	2/14/2012	2/21/2012
TD-B01-S02-021412	1202447-21	Soil	2/14/2012	2/21/2012
TD-B03-S01-021412	1202447-22	Soil	2/14/2012	2/21/2012
TD-B03-S02-021412	1202447-23	Soil	2/14/2012	2/21/2012
TD-B04-S01-021412	1202447-24	Soil	2/14/2012	2/21/2012
TD-B05-S01-021412	1202447-25	Soil	2/14/2012	2/21/2012
TD-B06-S01-021412	1202447-26	Soil	2/14/2012	2/21/2012
TD-B06-S01-021412-DP	1202447-27	Soil	2/14/2012	2/21/2012
TD-B06-S02-021412	1202447-28	Soil	2/14/2012	2/21/2012

2. Holding Times

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

3. Method Blanks

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

4. LCS Results

The percent recoveries and RPDs were within QC limits for the LCS and LCSD analyzed.

5. MS and MSD Results

A site-specific MS and MSD were analyzed using sample TD-B06-S02-021412 as the spiked sample. The percent recoveries and RPDs were with QC limits.

6. Field Duplicate Results

There are two field duplicates associated with this work order: TD-B01-S01-021412-DP and TD-B06-S01-021412-DP. All results were non-detect indicating good correlation between the field duplicate and parent sample.

7. Overall Assessment

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

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1202447

ATTACHMENT

ALS ENVIRONMENTAL
RESULTS SUMMARY WITH QUALIFIERS

ALS Group USA, Corp

Date: 28-Feb-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
WorkOrder: **1202447**

QUALIFIERS, ACRONYMS, UNITS

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

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
SD	Serial Dilution
TDL	Target Detection Limit

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B01-S01-021312 **Lab ID:** 1202447-01
Collection Date: 02/13/12 05:30 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **02/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0056	mg/Kg-dry	1	02/21/12 01:38 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/21/12 01:38 PM
2,4-D	ND		0.0056	mg/Kg-dry	1	02/21/12 01:38 PM
Surr: DCAA	*77.0*		*30-150*	*%REC*	1	02/21/12 01:38 PM
PCBS			**SW8082**		Prep Date: **02/20/12**	Analyst: **JD**
Aroclor 1016	ND		0.045	mg/Kg-dry	1	02/23/12 10:20 PM
Aroclor 1221	ND		0.045	mg/Kg-dry	1	02/23/12 10:20 PM
Aroclor 1232	ND		0.045	mg/Kg-dry	1	02/23/12 10:20 PM
Aroclor 1242	ND		0.045	mg/Kg-dry	1	02/23/12 10:20 PM
Aroclor 1248	ND		0.045	mg/Kg-dry	1	02/23/12 10:20 PM
Aroclor 1254	ND		0.045	mg/Kg-dry	1	02/23/12 10:20 PM
Aroclor 1260	ND		0.045	mg/Kg-dry	1	02/23/12 10:20 PM
Surr: Decachlorobiphenyl	*85.1*		*40-140*	*%REC*	1	02/23/12 10:20 PM
PESTICIDES			**SW8081**		Prep Date: **02/20/12**	Analyst: **JD**
4,4´-DDD	ND		0.057	mg/Kg-dry	5	02/22/12 05:12 PM
4,4´-DDE	ND		0.057	mg/Kg-dry	5	02/22/12 05:12 PM
4,4´-DDT	ND		0.057	mg/Kg-dry	5	02/22/12 05:12 PM
Aldrin	ND		0.057	mg/Kg-dry	5	02/22/12 05:12 PM
alpha-BHC	ND		0.057	mg/Kg-dry	5	02/22/12 05:12 PM
alpha-Chlordane	ND		0.057	mg/Kg-dry	5	02/22/12 05:12 PM
beta-BHC	ND		0.057	mg/Kg-dry	5	02/22/12 05:12 PM
Chlordane, Technical	ND		0.14	mg/Kg-dry	5	02/22/12 05:12 PM
delta-BHC	ND		0.057	mg/Kg-dry	5	02/22/12 05:12 PM
Dieldrin	ND		0.057	mg/Kg-dry	5	02/22/12 05:12 PM
Endosulfan I	ND		0.057	mg/Kg-dry	5	02/22/12 05:12 PM
Endosulfan II	ND		0.057	mg/Kg-dry	5	02/22/12 05:12 PM
Endosulfan sulfate	ND		0.057	mg/Kg-dry	5	02/22/12 05:12 PM
Endrin	ND		0.057	mg/Kg-dry	5	02/22/12 05:12 PM
Endrin aldehyde	ND		0.057	mg/Kg-dry	5	02/22/12 05:12 PM
Endrin ketone	ND		0.057	mg/Kg-dry	5	02/22/12 05:12 PM
gamma-BHC (Lindane)	ND		0.057	mg/Kg-dry	5	02/22/12 05:12 PM
gamma-Chlordane	ND		0.057	mg/Kg-dry	5	02/22/12 05:12 PM
Heptachlor	ND		0.057	mg/Kg-dry	5	02/22/12 05:12 PM
Heptachlor epoxide	ND		0.057	mg/Kg-dry	5	02/22/12 05:12 PM
Methoxychlor	ND		0.057	mg/Kg-dry	5	02/22/12 05:12 PM
Toxaphene	ND		0.34	mg/Kg-dry	5	02/22/12 05:12 PM
Surr: Decachlorobiphenyl	*85.1*		*45-135*	*%REC*	5	02/22/12 05:12 PM
Surr: Tetrachloro-m-xylene	*100*		*45-124*	*%REC*	5	02/22/12 05:12 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B01-S01-021312 **Lab ID:** 1202447-01
Collection Date: 02/13/12 05:30 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **02/17/12**	Analyst: **LR**
Mercury	ND		0.019	mg/Kg-dry	1	02/17/12 02:51 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **02/17/12**	Analyst: **RH**
Aluminum	**4,700**		**1.7**	**mg/Kg-dry**	2	02/21/12 07:32 PM
Antimony	ND		0.85	mg/Kg-dry	2	02/21/12 07:32 PM
Arsenic	**4.0**		**0.85**	**mg/Kg-dry**	2	02/21/12 07:32 PM
Barium	**29**		**0.85**	**mg/Kg-dry**	2	02/21/12 07:32 PM
Beryllium	ND		0.34	mg/Kg-dry	2	02/21/12 07:32 PM
Boron	ND		3.4	mg/Kg-dry	2	02/21/12 07:32 PM
Cadmium	ND		0.34	mg/Kg-dry	2	02/21/12 07:32 PM
Calcium	**8,700**		**85**	**mg/Kg-dry**	2	02/21/12 07:32 PM
Chromium	**7.0**		**0.85**	**mg/Kg-dry**	2	02/21/12 07:32 PM
Cobalt	**4.1**		**0.85**	**mg/Kg-dry**	2	02/21/12 07:32 PM
Copper	**8.4**		**0.85**	**mg/Kg-dry**	2	02/21/12 07:32 PM
Iron	**9,400**		**14**	**mg/Kg-dry**	2	02/21/12 07:32 PM
Lead	**14**		**0.85**	**mg/Kg-dry**	2	02/21/12 07:32 PM
Magnesium	**2,200**		**34**	**mg/Kg-dry**	2	02/21/12 07:32 PM
Manganese	**170**		**0.85**	**mg/Kg-dry**	2	02/21/12 07:32 PM
Nickel	**9.1**		**0.85**	**mg/Kg-dry**	2	02/21/12 07:32 PM
Potassium	**500**		**34**	**mg/Kg-dry**	2	02/21/12 07:32 PM
Selenium	ND		0.85	mg/Kg-dry	2	02/21/12 07:32 PM
Silver	ND		0.85	mg/Kg-dry	2	02/21/12 07:32 PM
Sodium	**62**		**34**	**mg/Kg-dry**	2	02/21/12 07:32 PM
Thallium	ND		0.85	mg/Kg-dry	2	02/21/12 07:32 PM
Vanadium	**11**		**0.85**	**mg/Kg-dry**	2	02/21/12 07:32 PM
Zinc	**43**		**1.7**	**mg/Kg-dry**	2	02/21/12 07:32 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **02/16/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.37	mg/Kg-dry	1	02/20/12 11:07 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
2,4-Dimethylphenol	ND		0.37	mg/Kg-dry	1	02/20/12 11:07 PM
2,4-Dinitrophenol	ND		0.74	mg/Kg-dry	1	02/20/12 11:07 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
2-Chloronaphthalene	ND		0.090	mg/Kg-dry	1	02/20/12 11:07 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
2-Methylnaphthalene	ND		0.090	mg/Kg-dry	1	02/20/12 11:07 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B01-S01-021312
Lab ID: 1202447-01
Collection Date: 02/13/12 05:30 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.74	mg/Kg-dry	1	02/20/12 11:07 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
3,3´-Dichlorobenzidine	ND		0.74	mg/Kg-dry	1	02/20/12 11:07 PM
3-Nitroaniline	ND		0.74	mg/Kg-dry	1	02/20/12 11:07 PM
4,6-Dinitro-2-methylphenol	ND		0.37	mg/Kg-dry	1	02/20/12 11:07 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
4-Chloroaniline	ND		0.74	mg/Kg-dry	1	02/20/12 11:07 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
4-Nitroaniline	ND		0.74	mg/Kg-dry	1	02/20/12 11:07 PM
4-Nitrophenol	ND		0.74	mg/Kg-dry	1	02/20/12 11:07 PM
Acenaphthene	ND		0.034	mg/Kg-dry	1	02/20/12 11:07 PM
Acenaphthylene	ND		0.034	mg/Kg-dry	1	02/20/12 11:07 PM
Acetophenone	ND		0.37	mg/Kg-dry	1	02/20/12 11:07 PM
Anthracene	ND		0.034	mg/Kg-dry	1	02/20/12 11:07 PM
Atrazine	ND		0.37	mg/Kg-dry	1	02/20/12 11:07 PM
Benzaldehyde	ND		0.37	mg/Kg-dry	1	02/20/12 11:07 PM
Benzo(a)anthracene	ND		0.034	mg/Kg-dry	1	02/20/12 11:07 PM
Benzo(a)pyrene	**0.034**		**0.034**	**mg/Kg-dry**	1	02/20/12 11:07 PM
Benzo(b)fluoranthene	**0.053**		**0.034**	**mg/Kg-dry**	1	02/20/12 11:07 PM
Benzo(g,h,i)perylene	ND		0.034	mg/Kg-dry	1	02/20/12 11:07 PM
Benzo(k)fluoranthene	ND		0.034	mg/Kg-dry	1	02/20/12 11:07 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
Bis(2-ethylhexyl)phthalate	ND		0.37	mg/Kg-dry	1	02/20/12 11:07 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
Caprolactam	ND		0.37	mg/Kg-dry	1	02/20/12 11:07 PM
Carbazole	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
Chrysene	**0.036**		**0.034**	**mg/Kg-dry**	1	02/20/12 11:07 PM
Dibenzo(a,h)anthracene	ND		0.034	mg/Kg-dry	1	02/20/12 11:07 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
Diethyl phthalate	ND		0.37	mg/Kg-dry	1	02/20/12 11:07 PM
Dimethyl phthalate	ND		0.37	mg/Kg-dry	1	02/20/12 11:07 PM
Di-n-butyl phthalate	ND		0.37	mg/Kg-dry	1	02/20/12 11:07 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
Fluoranthene	**0.044**		**0.034**	**mg/Kg-dry**	1	02/20/12 11:07 PM
Fluorene	ND		0.034	mg/Kg-dry	1	02/20/12 11:07 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM

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

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B01-S01-021312 **Lab ID:** 1202447-01
Collection Date: 02/13/12 05:30 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
Hexachlorocyclopentadiene	ND		0.37	mg/Kg-dry	1	02/20/12 11:07 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
Indeno(1,2,3-cd)pyrene	ND		0.034	mg/Kg-dry	1	02/20/12 11:07 PM
Isophorone	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
Naphthalene	ND		0.034	mg/Kg-dry	1	02/20/12 11:07 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
Pentachlorophenol	ND		0.37	mg/Kg-dry	1	02/20/12 11:07 PM
Phenanthrene	**0.037**		**0.034**	**mg/Kg-dry**	1	02/20/12 11:07 PM
Phenol	ND		0.18	mg/Kg-dry	1	02/20/12 11:07 PM
Pyrene	**0.048**		**0.034**	**mg/Kg-dry**	1	02/20/12 11:07 PM
Surr: 2,4,6-Tribromophenol	*66.7*		*34-140*	*%REC*	1	02/20/12 11:07 PM
Surr: 2-Fluorobiphenyl	*58.1*		*12-100*	*%REC*	1	02/20/12 11:07 PM
Surr: 2-Fluorophenol	*63.8*		*33-117*	*%REC*	1	02/20/12 11:07 PM
Surr: 4-Terphenyl-d14	*89.0*		*25-137*	*%REC*	1	02/20/12 11:07 PM
Surr: Nitrobenzene-d5	*60.9*		*37-107*	*%REC*	1	02/20/12 11:07 PM
Surr: Phenol-d6	*66.0*		*40-106*	*%REC*	1	02/20/12 11:07 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **RS**
1,1,1-Trichloroethane	ND		0.057	mg/Kg-dry	50	02/17/12 02:04 PM
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg-dry	50	02/17/12 02:04 PM
1,1,2-Trichloroethane	ND		0.11	mg/Kg-dry	50	02/17/12 02:04 PM
1,1,2-Trichlorotrifluoroethane	ND		0.057	mg/Kg-dry	50	02/17/12 02:04 PM
1,1-Dichloroethane	ND		0.057	mg/Kg-dry	50	02/17/12 02:04 PM
1,1-Dichloroethene	ND		0.057	mg/Kg-dry	50	02/17/12 02:04 PM
1,2,4-Trichlorobenzene	ND		0.057	mg/Kg-dry	50	02/17/12 02:04 PM
1,2-Dibromo-3-chloropropane	ND		0.11	mg/Kg-dry	50	02/17/12 02:04 PM
1,2-Dibromoethane	ND		0.085	mg/Kg-dry	50	02/17/12 02:04 PM
1,2-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/17/12 02:04 PM
1,2-Dichloroethane	ND		0.057	mg/Kg-dry	50	02/17/12 02:04 PM
1,2-Dichloropropane	ND		0.20	mg/Kg-dry	50	02/17/12 02:04 PM
1,3-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/17/12 02:04 PM
1,4-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/17/12 02:04 PM
2-Butanone	ND		0.43	mg/Kg-dry	50	02/17/12 02:04 PM
2-Hexanone	ND		0.28	mg/Kg-dry	50	02/17/12 02:04 PM
4-Methyl-2-pentanone	ND		0.28	mg/Kg-dry	50	02/17/12 02:04 PM
Acetone	ND		0.26	mg/Kg-dry	50	02/17/12 02:04 PM
Benzene	ND		0.057	mg/Kg-dry	50	02/17/12 02:04 PM
Bromodichloromethane	ND		0.085	mg/Kg-dry	50	02/17/12 02:04 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B01-S01-021312
Lab ID: 1202447-01
Collection Date: 02/13/12 05:30 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.057	mg/Kg-dry	50	02/17/12 02:04 PM
Bromomethane	ND		0.085	mg/Kg-dry	50	02/17/12 02:04 PM
Carbon disulfide	ND		0.085	mg/Kg-dry	50	02/17/12 02:04 PM
Carbon tetrachloride	ND		0.057	mg/Kg-dry	50	02/17/12 02:04 PM
Chlorobenzene	ND		0.085	mg/Kg-dry	50	02/17/12 02:04 PM
Chloroethane	ND		0.17	mg/Kg-dry	50	02/17/12 02:04 PM
Chloroform	ND		0.057	mg/Kg-dry	50	02/17/12 02:04 PM
Chloromethane	ND		0.17	mg/Kg-dry	50	02/17/12 02:04 PM
cis-1,2-Dichloroethene	ND		0.11	mg/Kg-dry	50	02/17/12 02:04 PM
cis-1,3-Dichloropropene	ND		0.057	mg/Kg-dry	50	02/17/12 02:04 PM
Cyclohexane	ND		0.057	mg/Kg-dry	50	02/17/12 02:04 PM
Dibromochloromethane	ND		0.11	mg/Kg-dry	50	02/17/12 02:04 PM
Dichlorodifluoromethane	ND		0.057	mg/Kg-dry	50	02/17/12 02:04 PM
Ethylbenzene	**0.13**		**0.11**	**mg/Kg-dry**	50	02/17/12 02:04 PM
Isopropylbenzene	ND		0.057	mg/Kg-dry	50	02/17/12 02:04 PM
Methyl acetate	ND		0.36	mg/Kg-dry	50	02/17/12 02:04 PM
Methyl tert-butyl ether	ND		0.085	mg/Kg-dry	50	02/17/12 02:04 PM
Methylcyclohexane	ND		1.1	mg/Kg-dry	50	02/17/12 02:04 PM
Methylene chloride	ND		0.11	mg/Kg-dry	50	02/17/12 02:04 PM
Styrene	ND		0.085	mg/Kg-dry	50	02/17/12 02:04 PM
Tetrachloroethene	ND		0.057	mg/Kg-dry	50	02/17/12 02:04 PM
Toluene	ND		0.085	mg/Kg-dry	50	02/17/12 02:04 PM
trans-1,2-Dichloroethene	ND		0.057	mg/Kg-dry	50	02/17/12 02:04 PM
trans-1,3-Dichloropropene	ND		0.085	mg/Kg-dry	50	02/17/12 02:04 PM
Trichloroethene	ND		0.057	mg/Kg-dry	50	02/17/12 02:04 PM
Trichlorofluoromethane	ND		0.057	mg/Kg-dry	50	02/17/12 02:04 PM
Vinyl chloride	ND		0.11	mg/Kg-dry	50	02/17/12 02:04 PM
Xylenes, Total	**0.28**		**0.17**	**mg/Kg-dry**	50	02/17/12 02:04 PM
Surr: 1,2-Dichloroethane-d4	*98.4*		*70-120*	*%REC*	50	02/17/12 02:04 PM
Surr: 4-Bromofluorobenzene	*99.6*		*75-120*	*%REC*	50	02/17/12 02:04 PM
Surr: Dibromofluoromethane	*94.5*		*85-115*	*%REC*	50	02/17/12 02:04 PM
Surr: Toluene-d8	*102*		*85-115*	*%REC*	50	02/17/12 02:04 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **02/20/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.55	mg/Kg-dry	1	02/21/12 02:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**12**		**0.050**	**% of sample**	1	02/16/12 11:35 AM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B01-S02-021312 **Lab ID:** 1202447-02
Collection Date: 02/13/12 05:40 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **02/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0058	mg/Kg-dry	1	02/21/12 01:38 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/21/12 01:38 PM
2,4-D	ND		0.0058	mg/Kg-dry	1	02/21/12 01:38 PM
Surr: DCAA	*85.0*		*30-150*	*%REC*	1	02/21/12 01:38 PM
PCBS			**SW8082**		Prep Date: **02/20/12**	Analyst: **JD**
Aroclor 1016	ND		0.046	mg/Kg-dry	1	02/23/12 10:41 PM
Aroclor 1221	ND		0.046	mg/Kg-dry	1	02/23/12 10:41 PM
Aroclor 1232	ND		0.046	mg/Kg-dry	1	02/23/12 10:41 PM
Aroclor 1242	ND		0.046	mg/Kg-dry	1	02/23/12 10:41 PM
Aroclor 1248	ND		0.046	mg/Kg-dry	1	02/23/12 10:41 PM
Aroclor 1254	ND		0.046	mg/Kg-dry	1	02/23/12 10:41 PM
Aroclor 1260	ND		0.046	mg/Kg-dry	1	02/23/12 10:41 PM
Surr: Decachlorobiphenyl	*85.1*		*40-140*	*%REC*	1	02/23/12 10:41 PM
PESTICIDES			**SW8081**		Prep Date: **02/20/12**	Analyst: **JD**
4,4´-DDD	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
4,4´-DDE	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
4,4´-DDT	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Aldrin	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
alpha-BHC	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
alpha-Chlordane	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
beta-BHC	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Chlordane, Technical	ND		0.029	mg/Kg-dry	1	02/22/12 05:12 PM
delta-BHC	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Dieldrin	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Endosulfan I	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Endosulfan II	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Endosulfan sulfate	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Endrin	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Endrin aldehyde	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Endrin ketone	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
gamma-BHC (Lindane)	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
gamma-Chlordane	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Heptachlor	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Heptachlor epoxide	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Methoxychlor	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Toxaphene	ND		0.069	mg/Kg-dry	1	02/22/12 05:12 PM
Surr: Decachlorobiphenyl	*78.1*		*45-135*	*%REC*	1	02/22/12 05:12 PM
Surr: Tetrachloro-m-xylene	*92.1*		*45-124*	*%REC*	1	02/22/12 05:12 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B01-S02-021312 **Lab ID:** 1202447-02
Collection Date: 02/13/12 05:40 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **02/17/12**	Analyst: **LR**
Mercury	ND		0.022	mg/Kg-dry	1	02/17/12 03:00 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **02/17/12**	Analyst: **RH**
Aluminum	**9,800**		**1.8**	**mg/Kg-dry**	2	02/21/12 07:44 PM
Antimony	ND		0.91	mg/Kg-dry	2	02/21/12 07:44 PM
Arsenic	**15**		**0.91**	**mg/Kg-dry**	2	02/21/12 07:44 PM
Barium	**56**		**0.91**	**mg/Kg-dry**	2	02/21/12 07:44 PM
Beryllium	ND		0.36	mg/Kg-dry	2	02/21/12 07:44 PM
Boron	**4.8**		**3.6**	**mg/Kg-dry**	2	02/21/12 07:44 PM
Cadmium	ND		0.36	mg/Kg-dry	2	02/21/12 07:44 PM
Calcium	**10,000**		**91**	**mg/Kg-dry**	2	02/21/12 07:44 PM
Chromium	**14**		**0.91**	**mg/Kg-dry**	2	02/21/12 07:44 PM
Cobalt	**9.4**		**0.91**	**mg/Kg-dry**	2	02/21/12 07:44 PM
Copper	**23**		**0.91**	**mg/Kg-dry**	2	02/21/12 07:44 PM
Iron	**24,000**		**15**	**mg/Kg-dry**	2	02/21/12 07:44 PM
Lead	**13**		**0.91**	**mg/Kg-dry**	2	02/21/12 07:44 PM
Magnesium	**4,000**		**36**	**mg/Kg-dry**	2	02/21/12 07:44 PM
Manganese	**930**		**9.1**	**mg/Kg-dry**	20	02/21/12 07:38 PM
Nickel	**29**		**0.91**	**mg/Kg-dry**	2	02/21/12 07:44 PM
Potassium	**1,600**		**36**	**mg/Kg-dry**	2	02/21/12 07:44 PM
Selenium	**1.3**		**0.91**	**mg/Kg-dry**	2	02/21/12 07:44 PM
Silver	ND		0.91	mg/Kg-dry	2	02/21/12 07:44 PM
Sodium	**68**		**36**	**mg/Kg-dry**	2	02/21/12 07:44 PM
Thallium	ND		0.91	mg/Kg-dry	2	02/21/12 07:44 PM
Vanadium	**21**		**0.91**	**mg/Kg-dry**	2	02/21/12 07:44 PM
Zinc	**74**		**1.8**	**mg/Kg-dry**	2	02/21/12 07:44 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **02/16/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.39	mg/Kg-dry	1	02/17/12 05:29 PM
2,4,5-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
2,4,6-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
2,4-Dichlorophenol	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
2,4-Dimethylphenol	ND		0.39	mg/Kg-dry	1	02/17/12 05:29 PM
2,4-Dinitrophenol	ND		0.79	mg/Kg-dry	1	02/17/12 05:29 PM
2,4-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
2,6-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
2-Chloronaphthalene	ND		0.095	mg/Kg-dry	1	02/17/12 05:29 PM
2-Chlorophenol	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
2-Methylnaphthalene	ND		0.095	mg/Kg-dry	1	02/17/12 05:29 PM
2-Methylphenol	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B01-S02-021312
Lab ID: 1202447-02
Collection Date: 02/13/12 05:40 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.79	mg/Kg-dry	1	02/17/12 05:29 PM
2-Nitrophenol	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
3,3´-Dichlorobenzidine	ND		0.79	mg/Kg-dry	1	02/17/12 05:29 PM
3-Nitroaniline	ND		0.79	mg/Kg-dry	1	02/17/12 05:29 PM
4,6-Dinitro-2-methylphenol	ND		0.39	mg/Kg-dry	1	02/17/12 05:29 PM
4-Bromophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
4-Chloro-3-methylphenol	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
4-Chloroaniline	ND		0.79	mg/Kg-dry	1	02/17/12 05:29 PM
4-Chlorophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
4-Methylphenol	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
4-Nitroaniline	ND		0.79	mg/Kg-dry	1	02/17/12 05:29 PM
4-Nitrophenol	ND		0.79	mg/Kg-dry	1	02/17/12 05:29 PM
Acenaphthene	ND		0.036	mg/Kg-dry	1	02/17/12 05:29 PM
Acenaphthylene	ND		0.036	mg/Kg-dry	1	02/17/12 05:29 PM
Acetophenone	ND		0.39	mg/Kg-dry	1	02/17/12 05:29 PM
Anthracene	ND		0.036	mg/Kg-dry	1	02/17/12 05:29 PM
Atrazine	ND		0.39	mg/Kg-dry	1	02/17/12 05:29 PM
Benzaldehyde	ND		0.39	mg/Kg-dry	1	02/17/12 05:29 PM
Benzo(a)anthracene	ND		0.036	mg/Kg-dry	1	02/17/12 05:29 PM
Benzo(a)pyrene	ND		0.036	mg/Kg-dry	1	02/17/12 05:29 PM
Benzo(b)fluoranthene	ND		0.036	mg/Kg-dry	1	02/17/12 05:29 PM
Benzo(g,h,i)perylene	ND		0.036	mg/Kg-dry	1	02/17/12 05:29 PM
Benzo(k)fluoranthene	ND		0.036	mg/Kg-dry	1	02/17/12 05:29 PM
Bis(2-chloroethoxy)methane	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
Bis(2-chloroethyl)ether	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
Bis(2-chloroisopropyl)ether	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
Bis(2-ethylhexyl)phthalate	ND		0.39	mg/Kg-dry	1	02/17/12 05:29 PM
Butyl benzyl phthalate	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
Caprolactam	ND		0.39	mg/Kg-dry	1	02/17/12 05:29 PM
Carbazole	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
Chrysene	ND		0.036	mg/Kg-dry	1	02/17/12 05:29 PM
Dibenzo(a,h)anthracene	ND		0.036	mg/Kg-dry	1	02/17/12 05:29 PM
Dibenzofuran	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
Diethyl phthalate	ND		0.39	mg/Kg-dry	1	02/17/12 05:29 PM
Dimethyl phthalate	ND		0.39	mg/Kg-dry	1	02/17/12 05:29 PM
Di-n-butyl phthalate	ND		0.39	mg/Kg-dry	1	02/17/12 05:29 PM
Di-n-octyl phthalate	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
Fluoranthene	ND		0.036	mg/Kg-dry	1	02/17/12 05:29 PM
Fluorene	ND		0.036	mg/Kg-dry	1	02/17/12 05:29 PM
Hexachlorobenzene	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM

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

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B01-S02-021312 **Lab ID:** 1202447-02
Collection Date: 02/13/12 05:40 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
Hexachlorocyclopentadiene	ND		0.39	mg/Kg-dry	1	02/17/12 05:29 PM
Hexachloroethane	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
Indeno(1,2,3-cd)pyrene	ND		0.036	mg/Kg-dry	1	02/17/12 05:29 PM
Isophorone	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
Naphthalene	ND		0.036	mg/Kg-dry	1	02/17/12 05:29 PM
Nitrobenzene	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
N-Nitrosodi-n-propylamine	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
N-Nitrosodiphenylamine	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
Pentachlorophenol	ND		0.39	mg/Kg-dry	1	02/17/12 05:29 PM
Phenanthrene	ND		0.036	mg/Kg-dry	1	02/17/12 05:29 PM
Phenol	ND		0.19	mg/Kg-dry	1	02/17/12 05:29 PM
Pyrene	ND		0.036	mg/Kg-dry	1	02/17/12 05:29 PM
Surr: 2,4,6-Tribromophenol	*70.4*		*34-140*	*%REC*	1	02/17/12 05:29 PM
Surr: 2-Fluorobiphenyl	*74.1*		*12-100*	*%REC*	1	02/17/12 05:29 PM
Surr: 2-Fluorophenol	*79.6*		*33-117*	*%REC*	1	02/17/12 05:29 PM
Surr: 4-Terphenyl-d14	*89.3*		*25-137*	*%REC*	1	02/17/12 05:29 PM
Surr: Nitrobenzene-d5	*78.8*		*37-107*	*%REC*	1	02/17/12 05:29 PM
Surr: Phenol-d6	*80.9*		*40-106*	*%REC*	1	02/17/12 05:29 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **RS**
1,1,1-Trichloroethane	ND		0.060	mg/Kg-dry	50	02/17/12 02:31 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/17/12 02:31 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/17/12 02:31 PM
1,1,2-Trichlorotrifluoroethane	ND		0.060	mg/Kg-dry	50	02/17/12 02:31 PM
1,1-Dichloroethane	ND		0.060	mg/Kg-dry	50	02/17/12 02:31 PM
1,1-Dichloroethene	ND		0.060	mg/Kg-dry	50	02/17/12 02:31 PM
1,2,4-Trichlorobenzene	ND		0.060	mg/Kg-dry	50	02/17/12 02:31 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/17/12 02:31 PM
1,2-Dibromoethane	ND		0.090	mg/Kg-dry	50	02/17/12 02:31 PM
1,2-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	02/17/12 02:31 PM
1,2-Dichloroethane	ND		0.060	mg/Kg-dry	50	02/17/12 02:31 PM
1,2-Dichloropropane	ND		0.21	mg/Kg-dry	50	02/17/12 02:31 PM
1,3-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	02/17/12 02:31 PM
1,4-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	02/17/12 02:31 PM
2-Butanone	ND		0.45	mg/Kg-dry	50	02/17/12 02:31 PM
2-Hexanone	ND		0.30	mg/Kg-dry	50	02/17/12 02:31 PM
4-Methyl-2-pentanone	ND		0.30	mg/Kg-dry	50	02/17/12 02:31 PM
Acetone	ND		0.27	mg/Kg-dry	50	02/17/12 02:31 PM
Benzene	ND		0.060	mg/Kg-dry	50	02/17/12 02:31 PM
Bromodichloromethane	ND		0.090	mg/Kg-dry	50	02/17/12 02:31 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B01-S02-021312
Lab ID: 1202447-02
Collection Date: 02/13/12 05:40 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.060	mg/Kg-dry	50	02/17/12 02:31 PM
Bromomethane	ND		0.090	mg/Kg-dry	50	02/17/12 02:31 PM
Carbon disulfide	ND		0.090	mg/Kg-dry	50	02/17/12 02:31 PM
Carbon tetrachloride	ND		0.060	mg/Kg-dry	50	02/17/12 02:31 PM
Chlorobenzene	ND		0.090	mg/Kg-dry	50	02/17/12 02:31 PM
Chloroethane	ND		0.18	mg/Kg-dry	50	02/17/12 02:31 PM
Chloroform	ND		0.060	mg/Kg-dry	50	02/17/12 02:31 PM
Chloromethane	ND		0.18	mg/Kg-dry	50	02/17/12 02:31 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/17/12 02:31 PM
cis-1,3-Dichloropropene	ND		0.060	mg/Kg-dry	50	02/17/12 02:31 PM
Cyclohexane	ND		0.060	mg/Kg-dry	50	02/17/12 02:31 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/17/12 02:31 PM
Dichlorodifluoromethane	ND		0.060	mg/Kg-dry	50	02/17/12 02:31 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/17/12 02:31 PM
Isopropylbenzene	ND		0.060	mg/Kg-dry	50	02/17/12 02:31 PM
Methyl acetate	ND		0.20	mg/Kg-dry	50	02/17/12 02:31 PM
Methyl tert-butyl ether	ND		0.090	mg/Kg-dry	50	02/17/12 02:31 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/17/12 02:31 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/17/12 02:31 PM
Styrene	ND		0.090	mg/Kg-dry	50	02/17/12 02:31 PM
Tetrachloroethene	ND		0.060	mg/Kg-dry	50	02/17/12 02:31 PM
Toluene	ND		0.090	mg/Kg-dry	50	02/17/12 02:31 PM
trans-1,2-Dichloroethene	ND		0.060	mg/Kg-dry	50	02/17/12 02:31 PM
trans-1,3-Dichloropropene	ND		0.090	mg/Kg-dry	50	02/17/12 02:31 PM
Trichloroethene	ND		0.060	mg/Kg-dry	50	02/17/12 02:31 PM
Trichlorofluoromethane	ND		0.060	mg/Kg-dry	50	02/17/12 02:31 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/17/12 02:31 PM
Xylenes, Total	ND		0.18	mg/Kg-dry	50	02/17/12 02:31 PM
Surr: 1,2-Dichloroethane-d4	*97.9*		*70-120*	*%REC*	50	02/17/12 02:31 PM
Surr: 4-Bromofluorobenzene	*99.3*		*75-120*	*%REC*	50	02/17/12 02:31 PM
Surr: Dibromofluoromethane	*93.6*		*85-115*	*%REC*	50	02/17/12 02:31 PM
Surr: Toluene-d8	*103*		*85-115*	*%REC*	50	02/17/12 02:31 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **02/20/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.59	mg/Kg-dry	1	02/21/12 02:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**16**		**0.050**	**% of sample**	1	02/16/12 01:42 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B02-S01-021312 **Lab ID:** 1202447-03
Collection Date: 02/13/12 03:32 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **02/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0057	mg/Kg-dry	1	02/21/12 01:38 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/21/12 01:38 PM
2,4-D	ND		0.0057	mg/Kg-dry	1	02/21/12 01:38 PM
Surr: DCAA	*68.4*		*30-150*	*%REC*	1	02/21/12 01:38 PM
PCBS			**SW8082**		Prep Date: **02/20/12**	Analyst: **JD**
Aroclor 1016	ND		0.045	mg/Kg-dry	1	02/23/12 11:01 PM
Aroclor 1221	ND		0.045	mg/Kg-dry	1	02/23/12 11:01 PM
Aroclor 1232	ND		0.045	mg/Kg-dry	1	02/23/12 11:01 PM
Aroclor 1242	ND		0.045	mg/Kg-dry	1	02/23/12 11:01 PM
Aroclor 1248	ND		0.045	mg/Kg-dry	1	02/23/12 11:01 PM
Aroclor 1254	ND		0.045	mg/Kg-dry	1	02/23/12 11:01 PM
Aroclor 1260	ND		0.045	mg/Kg-dry	1	02/23/12 11:01 PM
Surr: Decachlorobiphenyl	*86.1*		*40-140*	*%REC*	1	02/23/12 11:01 PM
PESTICIDES			**SW8081**		Prep Date: **02/20/12**	Analyst: **JD**
4,4´-DDD	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
4,4´-DDE	**0.17**		**0.11**	**mg/Kg-dry**	10	02/22/12 05:12 PM
4,4´-DDT	**0.31**		**0.11**	**mg/Kg-dry**	10	02/22/12 05:12 PM
Aldrin	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
alpha-BHC	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
alpha-Chlordane	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
beta-BHC	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Chlordane, Technical	ND		0.28	mg/Kg-dry	10	02/22/12 05:12 PM
delta-BHC	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Dieldrin	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Endosulfan I	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Endosulfan II	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Endosulfan sulfate	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Endrin	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Endrin aldehyde	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Endrin ketone	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
gamma-BHC (Lindane)	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
gamma-Chlordane	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Heptachlor	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Heptachlor epoxide	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Methoxychlor	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Toxaphene	ND		0.67	mg/Kg-dry	10	02/22/12 05:12 PM
Surr: Decachlorobiphenyl	*100*		*45-135*	*%REC*	10	02/22/12 05:12 PM
Surr: Tetrachloro-m-xylene	*110*		*45-124*	*%REC*	10	02/22/12 05:12 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B02-S01-021312
Lab ID: 1202447-03
Collection Date: 02/13/12 03:32 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **02/17/12**	Analyst: **LR**
Mercury	ND		0.021	mg/Kg-dry	1	02/17/12 03:03 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **02/17/12**	Analyst: **RH**
Aluminum	**2,800**		**1.7**	**mg/Kg-dry**	2	02/21/12 07:56 PM
Antimony	ND		0.83	mg/Kg-dry	2	02/21/12 07:56 PM
Arsenic	**1.8**		**0.83**	**mg/Kg-dry**	2	02/21/12 07:56 PM
Barium	**32**		**0.83**	**mg/Kg-dry**	2	02/21/12 07:56 PM
Beryllium	ND		0.33	mg/Kg-dry	2	02/21/12 07:56 PM
Boron	**5.9**		**3.3**	**mg/Kg-dry**	2	02/21/12 07:56 PM
Cadmium	**0.47**		**0.33**	**mg/Kg-dry**	2	02/21/12 07:56 PM
Calcium	**130,000**		**830**	**mg/Kg-dry**	20	02/21/12 07:50 PM
Chromium	**7.0**		**0.83**	**mg/Kg-dry**	2	02/21/12 07:56 PM
Cobalt	**2.2**		**0.83**	**mg/Kg-dry**	2	02/21/12 07:56 PM
Copper	**9.6**		**0.83**	**mg/Kg-dry**	2	02/21/12 07:56 PM
Iron	**6,200**		**13**	**mg/Kg-dry**	2	02/21/12 07:56 PM
Lead	**20**		**0.83**	**mg/Kg-dry**	2	02/21/12 07:56 PM
Magnesium	**60,000**		**330**	**mg/Kg-dry**	20	02/21/12 07:50 PM
Manganese	**160**		**0.83**	**mg/Kg-dry**	2	02/21/12 07:56 PM
Nickel	**7.5**		**0.83**	**mg/Kg-dry**	2	02/21/12 07:56 PM
Potassium	**650**		**33**	**mg/Kg-dry**	2	02/21/12 07:56 PM
Selenium	ND		0.83	mg/Kg-dry	2	02/21/12 07:56 PM
Silver	ND		0.83	mg/Kg-dry	2	02/21/12 07:56 PM
Sodium	**130**		**33**	**mg/Kg-dry**	2	02/21/12 07:56 PM
Thallium	ND		0.83	mg/Kg-dry	2	02/21/12 07:56 PM
Vanadium	**8.1**		**0.83**	**mg/Kg-dry**	2	02/21/12 07:56 PM
Zinc	**94**		**1.7**	**mg/Kg-dry**	2	02/21/12 07:56 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **02/16/12**	Analyst: **HL**
1,1`-Biphenyl	ND		3.8	mg/Kg-dry	10	02/18/12 12:34 PM
2,4,5-Trichlorophenol	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
2,4,6-Trichlorophenol	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
2,4-Dichlorophenol	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
2,4-Dimethylphenol	ND		3.8	mg/Kg-dry	10	02/18/12 12:34 PM
2,4-Dinitrophenol	ND		7.5	mg/Kg-dry	10	02/18/12 12:34 PM
2,4-Dinitrotoluene	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
2,6-Dinitrotoluene	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
2-Chloronaphthalene	ND		0.91	mg/Kg-dry	10	02/18/12 12:34 PM
2-Chlorophenol	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
2-Methylnaphthalene	ND		0.91	mg/Kg-dry	10	02/18/12 12:34 PM
2-Methylphenol	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B02-S01-021312
Lab ID: 1202447-03
Collection Date: 02/13/12 03:32 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		7.5	mg/Kg-dry	10	02/18/12 12:34 PM
2-Nitrophenol	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
3,3´-Dichlorobenzidine	ND		7.5	mg/Kg-dry	10	02/18/12 12:34 PM
3-Nitroaniline	ND		7.5	mg/Kg-dry	10	02/18/12 12:34 PM
4,6-Dinitro-2-methylphenol	ND		3.8	mg/Kg-dry	10	02/18/12 12:34 PM
4-Bromophenyl phenyl ether	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
4-Chloro-3-methylphenol	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
4-Chloroaniline	ND		7.5	mg/Kg-dry	10	02/18/12 12:34 PM
4-Chlorophenyl phenyl ether	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
4-Methylphenol	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
4-Nitroaniline	ND		7.5	mg/Kg-dry	10	02/18/12 12:34 PM
4-Nitrophenol	ND		7.5	mg/Kg-dry	10	02/18/12 12:34 PM
Acenaphthene	ND		0.34	mg/Kg-dry	10	02/18/12 12:34 PM
Acenaphthylene	ND		0.34	mg/Kg-dry	10	02/18/12 12:34 PM
Acetophenone	ND		3.8	mg/Kg-dry	10	02/18/12 12:34 PM
Anthracene	ND		0.34	mg/Kg-dry	10	02/18/12 12:34 PM
Atrazine	ND		3.8	mg/Kg-dry	10	02/18/12 12:34 PM
Benzaldehyde	ND		3.8	mg/Kg-dry	10	02/18/12 12:34 PM
Benzo(a)anthracene	**1.0**		**0.34**	**mg/Kg-dry**	10	02/18/12 12:34 PM
Benzo(a)pyrene	**1.0**		**0.34**	**mg/Kg-dry**	10	02/18/12 12:34 PM
Benzo(b)fluoranthene	**1.3**		**0.34**	**mg/Kg-dry**	10	02/18/12 12:34 PM
Benzo(g,h,i)perylene	**0.73**		**0.34**	**mg/Kg-dry**	10	02/18/12 12:34 PM
Benzo(k)fluoranthene	**0.47**		**0.34**	**mg/Kg-dry**	10	02/18/12 12:34 PM
Bis(2-chloroethoxy)methane	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
Bis(2-chloroethyl)ether	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
Bis(2-chloroisopropyl)ether	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
Bis(2-ethylhexyl)phthalate	ND		3.8	mg/Kg-dry	10	02/18/12 12:34 PM
Butyl benzyl phthalate	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
Caprolactam	ND		3.8	mg/Kg-dry	10	02/18/12 12:34 PM
Carbazole	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
Chrysene	**1.2**		**0.34**	**mg/Kg-dry**	10	02/18/12 12:34 PM
Dibenzo(a,h)anthracene	ND		0.34	mg/Kg-dry	10	02/18/12 12:34 PM
Dibenzofuran	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
Diethyl phthalate	ND		3.8	mg/Kg-dry	10	02/18/12 12:34 PM
Dimethyl phthalate	ND		3.8	mg/Kg-dry	10	02/18/12 12:34 PM
Di-n-butyl phthalate	ND		3.8	mg/Kg-dry	10	02/18/12 12:34 PM
Di-n-octyl phthalate	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
Fluoranthene	**2.4**		**0.34**	**mg/Kg-dry**	10	02/18/12 12:34 PM
Fluorene	ND		0.34	mg/Kg-dry	10	02/18/12 12:34 PM
Hexachlorobenzene	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM

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

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B02-S01-021312 **Lab ID:** 1202447-03
Collection Date: 02/13/12 03:32 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
Hexachlorocyclopentadiene	ND		3.8	mg/Kg-dry	10	02/18/12 12:34 PM
Hexachloroethane	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
Indeno(1,2,3-cd)pyrene	**0.60**		**0.34**	**mg/Kg-dry**	10	02/18/12 12:34 PM
Isophorone	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
Naphthalene	ND		0.34	mg/Kg-dry	10	02/18/12 12:34 PM
Nitrobenzene	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
N-Nitrosodi-n-propylamine	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
N-Nitrosodiphenylamine	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
Pentachlorophenol	ND		3.8	mg/Kg-dry	10	02/18/12 12:34 PM
Phenanthrene	**1.8**		**0.34**	**mg/Kg-dry**	10	02/18/12 12:34 PM
Phenol	ND		1.8	mg/Kg-dry	10	02/18/12 12:34 PM
Pyrene	**2.1**		**0.34**	**mg/Kg-dry**	10	02/18/12 12:34 PM
Surr: 2,4,6-Tribromophenol	*76.2*		*34-140*	*%REC*	10	02/18/12 12:34 PM
Surr: 2-Fluorobiphenyl	*81.0*		*12-100*	*%REC*	10	02/18/12 12:34 PM
Surr: 2-Fluorophenol	*78.0*		*33-117*	*%REC*	10	02/18/12 12:34 PM
Surr: 4-Terphenyl-d14	*99.0*		*25-137*	*%REC*	10	02/18/12 12:34 PM
Surr: Nitrobenzene-d5	*74.8*		*37-107*	*%REC*	10	02/18/12 12:34 PM
Surr: Phenol-d6	*80.8*		*40-106*	*%REC*	10	02/18/12 12:34 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **RS**
1,1,1-Trichloroethane	ND		0.058	mg/Kg-dry	50	02/17/12 02:56 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/17/12 02:56 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/17/12 02:56 PM
1,1,2-Trichlorotrifluoroethane	ND		0.058	mg/Kg-dry	50	02/17/12 02:56 PM
1,1-Dichloroethane	ND		0.058	mg/Kg-dry	50	02/17/12 02:56 PM
1,1-Dichloroethene	ND		0.058	mg/Kg-dry	50	02/17/12 02:56 PM
1,2,4-Trichlorobenzene	ND		0.058	mg/Kg-dry	50	02/17/12 02:56 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/17/12 02:56 PM
1,2-Dibromoethane	ND		0.087	mg/Kg-dry	50	02/17/12 02:56 PM
1,2-Dichlorobenzene	ND		0.058	mg/Kg-dry	50	02/17/12 02:56 PM
1,2-Dichloroethane	ND		0.058	mg/Kg-dry	50	02/17/12 02:56 PM
1,2-Dichloropropane	ND		0.20	mg/Kg-dry	50	02/17/12 02:56 PM
1,3-Dichlorobenzene	ND		0.058	mg/Kg-dry	50	02/17/12 02:56 PM
1,4-Dichlorobenzene	ND		0.058	mg/Kg-dry	50	02/17/12 02:56 PM
2-Butanone	ND		0.43	mg/Kg-dry	50	02/17/12 02:56 PM
2-Hexanone	ND		0.29	mg/Kg-dry	50	02/17/12 02:56 PM
4-Methyl-2-pentanone	ND		0.29	mg/Kg-dry	50	02/17/12 02:56 PM
Acetone	ND		0.26	mg/Kg-dry	50	02/17/12 02:56 PM
Benzene	ND		0.058	mg/Kg-dry	50	02/17/12 02:56 PM
Bromodichloromethane	ND		0.087	mg/Kg-dry	50	02/17/12 02:56 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B02-S01-021312
Lab ID: 1202447-03
Collection Date: 02/13/12 03:32 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.058	mg/Kg-dry	50	02/17/12 02:56 PM
Bromomethane	ND		0.087	mg/Kg-dry	50	02/17/12 02:56 PM
Carbon disulfide	ND		0.087	mg/Kg-dry	50	02/17/12 02:56 PM
Carbon tetrachloride	ND		0.058	mg/Kg-dry	50	02/17/12 02:56 PM
Chlorobenzene	ND		0.087	mg/Kg-dry	50	02/17/12 02:56 PM
Chloroethane	ND		0.17	mg/Kg-dry	50	02/17/12 02:56 PM
Chloroform	ND		0.058	mg/Kg-dry	50	02/17/12 02:56 PM
Chloromethane	ND		0.17	mg/Kg-dry	50	02/17/12 02:56 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/17/12 02:56 PM
cis-1,3-Dichloropropene	ND		0.058	mg/Kg-dry	50	02/17/12 02:56 PM
Cyclohexane	ND		0.058	mg/Kg-dry	50	02/17/12 02:56 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/17/12 02:56 PM
Dichlorodifluoromethane	ND		0.058	mg/Kg-dry	50	02/17/12 02:56 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/17/12 02:56 PM
Isopropylbenzene	ND		0.058	mg/Kg-dry	50	02/17/12 02:56 PM
Methyl acetate	ND		2.2	mg/Kg-dry	50	02/17/12 02:56 PM
Methyl tert-butyl ether	ND		0.087	mg/Kg-dry	50	02/17/12 02:56 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/17/12 02:56 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/17/12 02:56 PM
Styrene	ND		0.087	mg/Kg-dry	50	02/17/12 02:56 PM
Tetrachloroethene	ND		0.058	mg/Kg-dry	50	02/17/12 02:56 PM
Toluene	ND		0.087	mg/Kg-dry	50	02/17/12 02:56 PM
trans-1,2-Dichloroethene	ND		0.058	mg/Kg-dry	50	02/17/12 02:56 PM
trans-1,3-Dichloropropene	ND		0.087	mg/Kg-dry	50	02/17/12 02:56 PM
Trichloroethene	ND		0.058	mg/Kg-dry	50	02/17/12 02:56 PM
Trichlorofluoromethane	ND		0.058	mg/Kg-dry	50	02/17/12 02:56 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/17/12 02:56 PM
Xylenes, Total	ND		0.17	mg/Kg-dry	50	02/17/12 02:56 PM
Surr: 1,2-Dichloroethane-d4	*99.0*		*70-120*	*%REC*	50	02/17/12 02:56 PM
Surr: 4-Bromofluorobenzene	*100*		*75-120*	*%REC*	50	02/17/12 02:56 PM
Surr: Dibromofluoromethane	*93.2*		*85-115*	*%REC*	50	02/17/12 02:56 PM
Surr: Toluene-d8	*102*		*85-115*	*%REC*	50	02/17/12 02:56 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **02/20/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.57	mg/Kg-dry	1	02/21/12 02:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**13**		**0.050**	**% of sample**	1	02/16/12 01:42 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B02-S02-021312 **Lab ID:** 1202447-04
Collection Date: 02/13/12 03:43 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **02/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0060	mg/Kg-dry	1	02/21/12 01:38 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/21/12 01:38 PM
2,4-D	ND		0.0060	mg/Kg-dry	1	02/21/12 01:38 PM
Surr: DCAA	*71.4*		*30-150*	*%REC*	1	02/21/12 01:38 PM
PCBS			**SW8082**		Prep Date: **02/20/12**	Analyst: **JD**
Aroclor 1016	ND		0.047	mg/Kg-dry	1	02/23/12 11:21 PM
Aroclor 1221	ND		0.047	mg/Kg-dry	1	02/23/12 11:21 PM
Aroclor 1232	ND		0.047	mg/Kg-dry	1	02/23/12 11:21 PM
Aroclor 1242	ND		0.047	mg/Kg-dry	1	02/23/12 11:21 PM
Aroclor 1248	ND		0.047	mg/Kg-dry	1	02/23/12 11:21 PM
Aroclor 1254	ND		0.047	mg/Kg-dry	1	02/23/12 11:21 PM
Aroclor 1260	ND		0.047	mg/Kg-dry	1	02/23/12 11:21 PM
Surr: Decachlorobiphenyl	*72.1*		*40-140*	*%REC*	1	02/23/12 11:21 PM
PESTICIDES			**SW8081**		Prep Date: **02/20/12**	Analyst: **JD**
4,4´-DDD	ND		0.058	mg/Kg-dry	5	02/22/12 05:12 PM
4,4´-DDE	ND		0.058	mg/Kg-dry	5	02/22/12 05:12 PM
4,4´-DDT	ND		0.058	mg/Kg-dry	5	02/22/12 05:12 PM
Aldrin	ND		0.058	mg/Kg-dry	5	02/22/12 05:12 PM
alpha-BHC	ND		0.058	mg/Kg-dry	5	02/22/12 05:12 PM
alpha-Chlordane	ND		0.058	mg/Kg-dry	5	02/22/12 05:12 PM
beta-BHC	ND		0.058	mg/Kg-dry	5	02/22/12 05:12 PM
Chlordane, Technical	ND		0.15	mg/Kg-dry	5	02/22/12 05:12 PM
delta-BHC	ND		0.058	mg/Kg-dry	5	02/22/12 05:12 PM
Dieldrin	ND		0.058	mg/Kg-dry	5	02/22/12 05:12 PM
Endosulfan I	ND		0.058	mg/Kg-dry	5	02/22/12 05:12 PM
Endosulfan II	ND		0.058	mg/Kg-dry	5	02/22/12 05:12 PM
Endosulfan sulfate	ND		0.058	mg/Kg-dry	5	02/22/12 05:12 PM
Endrin	ND		0.058	mg/Kg-dry	5	02/22/12 05:12 PM
Endrin aldehyde	ND		0.058	mg/Kg-dry	5	02/22/12 05:12 PM
Endrin ketone	ND		0.058	mg/Kg-dry	5	02/22/12 05:12 PM
gamma-BHC (Lindane)	ND		0.058	mg/Kg-dry	5	02/22/12 05:12 PM
gamma-Chlordane	ND		0.058	mg/Kg-dry	5	02/22/12 05:12 PM
Heptachlor	ND		0.058	mg/Kg-dry	5	02/22/12 05:12 PM
Heptachlor epoxide	ND		0.058	mg/Kg-dry	5	02/22/12 05:12 PM
Methoxychlor	ND		0.058	mg/Kg-dry	5	02/22/12 05:12 PM
Toxaphene	ND		0.35	mg/Kg-dry	5	02/22/12 05:12 PM
Surr: Decachlorobiphenyl	*75.1*		*45-135*	*%REC*	5	02/22/12 05:12 PM
Surr: Tetrachloro-m-xylene	*90.1*		*45-124*	*%REC*	5	02/22/12 05:12 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B02-S02-021312 **Lab ID:** 1202447-04
Collection Date: 02/13/12 03:43 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **02/17/12**	Analyst: **LR**
Mercury	ND		0.020	mg/Kg-dry	1	02/17/12 03:05 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **02/17/12**	Analyst: **RH**
Aluminum	**11,000**		**1.8**	**mg/Kg-dry**	2	02/21/12 08:02 PM
Antimony	ND		0.92	mg/Kg-dry	2	02/21/12 08:02 PM
Arsenic	**12**		**0.92**	**mg/Kg-dry**	2	02/21/12 08:02 PM
Barium	**86**		**0.92**	**mg/Kg-dry**	2	02/21/12 08:02 PM
Beryllium	**0.45**		**0.37**	**mg/Kg-dry**	2	02/21/12 08:02 PM
Boron	**9.3**		**3.7**	**mg/Kg-dry**	2	02/21/12 08:02 PM
Cadmium	ND		0.37	mg/Kg-dry	2	02/21/12 08:02 PM
Calcium	**48,000**		**920**	**mg/Kg-dry**	20	02/22/12 05:56 PM
Chromium	**18**		**0.92**	**mg/Kg-dry**	2	02/21/12 08:02 PM
Cobalt	**11**		**0.92**	**mg/Kg-dry**	2	02/21/12 08:02 PM
Copper	**20**		**0.92**	**mg/Kg-dry**	2	02/21/12 08:02 PM
Iron	**25,000**		**15**	**mg/Kg-dry**	2	02/21/12 08:02 PM
Lead	**11**		**0.92**	**mg/Kg-dry**	2	02/21/12 08:02 PM
Magnesium	**12,000**		**37**	**mg/Kg-dry**	2	02/21/12 08:02 PM
Manganese	**440**		**9.2**	**mg/Kg-dry**	20	02/22/12 05:56 PM
Nickel	**30**		**0.92**	**mg/Kg-dry**	2	02/21/12 08:02 PM
Potassium	**2,600**		**37**	**mg/Kg-dry**	2	02/21/12 08:02 PM
Selenium	**1.2**		**0.92**	**mg/Kg-dry**	2	02/21/12 08:02 PM
Silver	ND		0.92	mg/Kg-dry	2	02/21/12 08:02 PM
Sodium	**150**		**37**	**mg/Kg-dry**	2	02/21/12 08:02 PM
Thallium	ND		0.92	mg/Kg-dry	2	02/21/12 08:02 PM
Vanadium	**25**		**0.92**	**mg/Kg-dry**	2	02/21/12 08:02 PM
Zinc	**69**		**1.8**	**mg/Kg-dry**	2	02/21/12 08:02 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **02/16/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.40	mg/Kg-dry	1	02/17/12 05:57 PM
2,4,5-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
2,4,6-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
2,4-Dichlorophenol	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
2,4-Dimethylphenol	ND		0.40	mg/Kg-dry	1	02/17/12 05:57 PM
2,4-Dinitrophenol	ND		0.79	mg/Kg-dry	1	02/17/12 05:57 PM
2,4-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
2,6-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
2-Chloronaphthalene	ND		0.096	mg/Kg-dry	1	02/17/12 05:57 PM
2-Chlorophenol	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
2-Methylnaphthalene	ND		0.096	mg/Kg-dry	1	02/17/12 05:57 PM
2-Methylphenol	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B02-S02-021312
Lab ID: 1202447-04
Collection Date: 02/13/12 03:43 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.79	mg/Kg-dry	1	02/17/12 05:57 PM
2-Nitrophenol	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
3,3´-Dichlorobenzidine	ND		0.79	mg/Kg-dry	1	02/17/12 05:57 PM
3-Nitroaniline	ND		0.79	mg/Kg-dry	1	02/17/12 05:57 PM
4,6-Dinitro-2-methylphenol	ND		0.40	mg/Kg-dry	1	02/17/12 05:57 PM
4-Bromophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
4-Chloro-3-methylphenol	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
4-Chloroaniline	ND		0.79	mg/Kg-dry	1	02/17/12 05:57 PM
4-Chlorophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
4-Methylphenol	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
4-Nitroaniline	ND		0.79	mg/Kg-dry	1	02/17/12 05:57 PM
4-Nitrophenol	ND		0.79	mg/Kg-dry	1	02/17/12 05:57 PM
Acenaphthene	ND		0.036	mg/Kg-dry	1	02/17/12 05:57 PM
Acenaphthylene	ND		0.036	mg/Kg-dry	1	02/17/12 05:57 PM
Acetophenone	ND		0.40	mg/Kg-dry	1	02/17/12 05:57 PM
Anthracene	ND		0.036	mg/Kg-dry	1	02/17/12 05:57 PM
Atrazine	ND		0.40	mg/Kg-dry	1	02/17/12 05:57 PM
Benzaldehyde	ND		0.40	mg/Kg-dry	1	02/17/12 05:57 PM
Benzo(a)anthracene	ND		0.036	mg/Kg-dry	1	02/17/12 05:57 PM
Benzo(a)pyrene	ND		0.036	mg/Kg-dry	1	02/17/12 05:57 PM
Benzo(b)fluoranthene	ND		0.036	mg/Kg-dry	1	02/17/12 05:57 PM
Benzo(g,h,i)perylene	ND		0.036	mg/Kg-dry	1	02/17/12 05:57 PM
Benzo(k)fluoranthene	ND		0.036	mg/Kg-dry	1	02/17/12 05:57 PM
Bis(2-chloroethoxy)methane	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
Bis(2-chloroethyl)ether	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
Bis(2-chloroisopropyl)ether	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
Bis(2-ethylhexyl)phthalate	ND		0.40	mg/Kg-dry	1	02/17/12 05:57 PM
Butyl benzyl phthalate	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
Caprolactam	ND		0.40	mg/Kg-dry	1	02/17/12 05:57 PM
Carbazole	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
Chrysene	ND		0.036	mg/Kg-dry	1	02/17/12 05:57 PM
Dibenzo(a,h)anthracene	ND		0.036	mg/Kg-dry	1	02/17/12 05:57 PM
Dibenzofuran	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
Diethyl phthalate	ND		0.40	mg/Kg-dry	1	02/17/12 05:57 PM
Dimethyl phthalate	ND		0.40	mg/Kg-dry	1	02/17/12 05:57 PM
Di-n-butyl phthalate	ND		0.40	mg/Kg-dry	1	02/17/12 05:57 PM
Di-n-octyl phthalate	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
Fluoranthene	**0.036**		**0.035**	**mg/Kg-dry**	1	02/17/12 05:57 PM
Fluorene	ND		0.036	mg/Kg-dry	1	02/17/12 05:57 PM
Hexachlorobenzene	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM

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

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B02-S02-021312 **Lab ID:** 1202447-04
Collection Date: 02/13/12 03:43 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
Hexachlorocyclopentadiene	ND		0.40	mg/Kg-dry	1	02/17/12 05:57 PM
Hexachloroethane	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
Indeno(1,2,3-cd)pyrene	ND		0.036	mg/Kg-dry	1	02/17/12 05:57 PM
Isophorone	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
Naphthalene	ND		0.036	mg/Kg-dry	1	02/17/12 05:57 PM
Nitrobenzene	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
N-Nitrosodi-n-propylamine	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
N-Nitrosodiphenylamine	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
Pentachlorophenol	ND		0.40	mg/Kg-dry	1	02/17/12 05:57 PM
Phenanthrene	ND		0.036	mg/Kg-dry	1	02/17/12 05:57 PM
Phenol	ND		0.19	mg/Kg-dry	1	02/17/12 05:57 PM
Pyrene	ND		0.036	mg/Kg-dry	1	02/17/12 05:57 PM
Surr: 2,4,6-Tribromophenol	*61.7*		*34-140*	*%REC*	1	02/17/12 05:57 PM
Surr: 2-Fluorobiphenyl	*70.6*		*12-100*	*%REC*	1	02/17/12 05:57 PM
Surr: 2-Fluorophenol	*74.8*		*33-117*	*%REC*	1	02/17/12 05:57 PM
Surr: 4-Terphenyl-d14	*87.1*		*25-137*	*%REC*	1	02/17/12 05:57 PM
Surr: Nitrobenzene-d5	*75.3*		*37-107*	*%REC*	1	02/17/12 05:57 PM
Surr: Phenol-d6	*76.0*		*40-106*	*%REC*	1	02/17/12 05:57 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **RS**
1,1,1-Trichloroethane	ND		0.060	mg/Kg-dry	50	02/17/12 02:30 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/17/12 02:30 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/17/12 02:30 PM
1,1,2-Trichlorotrifluoroethane	ND		0.060	mg/Kg-dry	50	02/17/12 02:30 PM
1,1-Dichloroethane	ND		0.060	mg/Kg-dry	50	02/17/12 02:30 PM
1,1-Dichloroethene	ND		0.060	mg/Kg-dry	50	02/17/12 02:30 PM
1,2,4-Trichlorobenzene	ND		0.060	mg/Kg-dry	50	02/17/12 02:30 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/17/12 02:30 PM
1,2-Dibromoethane	ND		0.090	mg/Kg-dry	50	02/17/12 02:30 PM
1,2-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	02/17/12 02:30 PM
1,2-Dichloroethane	ND		0.060	mg/Kg-dry	50	02/17/12 02:30 PM
1,2-Dichloropropane	ND		0.21	mg/Kg-dry	50	02/17/12 02:30 PM
1,3-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	02/17/12 02:30 PM
1,4-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	02/17/12 02:30 PM
2-Butanone	ND		0.45	mg/Kg-dry	50	02/17/12 02:30 PM
2-Hexanone	ND		0.30	mg/Kg-dry	50	02/17/12 02:30 PM
4-Methyl-2-pentanone	ND		0.30	mg/Kg-dry	50	02/17/12 02:30 PM
Acetone	ND		0.27	mg/Kg-dry	50	02/17/12 02:30 PM
Benzene	ND		0.060	mg/Kg-dry	50	02/17/12 02:30 PM
Bromodichloromethane	ND		0.090	mg/Kg-dry	50	02/17/12 02:30 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B02-S02-021312
Lab ID: 1202447-04
Collection Date: 02/13/12 03:43 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.060	mg/Kg-dry	50	02/17/12 02:30 PM
Bromomethane	ND		0.090	mg/Kg-dry	50	02/17/12 02:30 PM
Carbon disulfide	ND		0.090	mg/Kg-dry	50	02/17/12 02:30 PM
Carbon tetrachloride	ND		0.060	mg/Kg-dry	50	02/17/12 02:30 PM
Chlorobenzene	ND		0.090	mg/Kg-dry	50	02/17/12 02:30 PM
Chloroethane	ND		0.18	mg/Kg-dry	50	02/17/12 02:30 PM
Chloroform	ND		0.060	mg/Kg-dry	50	02/17/12 02:30 PM
Chloromethane	ND		0.18	mg/Kg-dry	50	02/17/12 02:30 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/17/12 02:30 PM
cis-1,3-Dichloropropene	ND		0.060	mg/Kg-dry	50	02/17/12 02:30 PM
Cyclohexane	ND		0.060	mg/Kg-dry	50	02/17/12 02:30 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/17/12 02:30 PM
Dichlorodifluoromethane	ND		0.060	mg/Kg-dry	50	02/17/12 02:30 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/17/12 02:30 PM
Isopropylbenzene	ND		0.060	mg/Kg-dry	50	02/17/12 02:30 PM
Methyl acetate	ND		0.60	mg/Kg-dry	50	02/17/12 02:30 PM
Methyl tert-butyl ether	ND		0.090	mg/Kg-dry	50	02/17/12 02:30 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/17/12 02:30 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/17/12 02:30 PM
Styrene	ND		0.090	mg/Kg-dry	50	02/17/12 02:30 PM
Tetrachloroethene	ND		0.060	mg/Kg-dry	50	02/17/12 02:30 PM
Toluene	ND		0.090	mg/Kg-dry	50	02/17/12 02:30 PM
trans-1,2-Dichloroethene	ND		0.060	mg/Kg-dry	50	02/17/12 02:30 PM
trans-1,3-Dichloropropene	ND		0.090	mg/Kg-dry	50	02/17/12 02:30 PM
Trichloroethene	ND		0.060	mg/Kg-dry	50	02/17/12 02:30 PM
Trichlorofluoromethane	ND		0.060	mg/Kg-dry	50	02/17/12 02:30 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/17/12 02:30 PM
Xylenes, Total	ND		0.18	mg/Kg-dry	50	02/17/12 02:30 PM
Surr: 1,2-Dichloroethane-d4	*105*		*70-120*	*%REC*	50	02/17/12 02:30 PM
Surr: 4-Bromofluorobenzene	*91.8*		*75-120*	*%REC*	50	02/17/12 02:30 PM
Surr: Dibromofluoromethane	*100*		*85-115*	*%REC*	50	02/17/12 02:30 PM
Surr: Toluene-d8	*104*		*85-115*	*%REC*	50	02/17/12 02:30 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **02/20/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.60	mg/Kg-dry	1	02/21/12 02:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**17**		**0.050**	**% of sample**	1	02/16/12 01:42 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B03-S01-021312 **Lab ID:** 1202447-05
Collection Date: 02/13/12 05:46 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **02/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0057	mg/Kg-dry	1	02/21/12 01:38 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/21/12 01:38 PM
2,4-D	ND		0.0057	mg/Kg-dry	1	02/21/12 01:38 PM
Surr: DCAA	*73.2*		*30-150*	*%REC*	1	02/21/12 01:38 PM
PCBS			**SW8082**		Prep Date: **02/20/12**	Analyst: **JD**
Aroclor 1016	ND		0.045	mg/Kg-dry	1	02/23/12 11:41 PM
Aroclor 1221	ND		0.045	mg/Kg-dry	1	02/23/12 11:41 PM
Aroclor 1232	ND		0.045	mg/Kg-dry	1	02/23/12 11:41 PM
Aroclor 1242	ND		0.045	mg/Kg-dry	1	02/23/12 11:41 PM
Aroclor 1248	ND		0.045	mg/Kg-dry	1	02/23/12 11:41 PM
Aroclor 1254	ND		0.045	mg/Kg-dry	1	02/23/12 11:41 PM
Aroclor 1260	ND		0.045	mg/Kg-dry	1	02/23/12 11:41 PM
Surr: Decachlorobiphenyl	*89.1*		*40-140*	*%REC*	1	02/23/12 11:41 PM
PESTICIDES			**SW8081**		Prep Date: **02/20/12**	Analyst: **JD**
4,4´-DDD	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
4,4´-DDE	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
4,4´-DDT	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Aldrin	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
alpha-BHC	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
alpha-Chlordane	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
beta-BHC	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Chlordane, Technical	ND		0.56	mg/Kg-dry	20	02/22/12 05:12 PM
delta-BHC	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Dieldrin	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Endosulfan I	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Endosulfan II	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Endosulfan sulfate	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Endrin	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Endrin aldehyde	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Endrin ketone	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
gamma-BHC (Lindane)	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
gamma-Chlordane	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Heptachlor	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Heptachlor epoxide	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Methoxychlor	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Toxaphene	ND		1.3	mg/Kg-dry	20	02/22/12 05:12 PM
Surr: Decachlorobiphenyl	*120*		*45-135*	*%REC*	20	02/22/12 05:12 PM
Surr: Tetrachloro-m-xylene	*120*		*45-124*	*%REC*	20	02/22/12 05:12 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B03-S01-021312
Lab ID: 1202447-05
Collection Date: 02/13/12 05:46 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **02/17/12**	Analyst: **LR**
Mercury	**0.023**		**0.021**	**mg/Kg-dry**	1	02/17/12 03:07 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **02/17/12**	Analyst: **RH**
Aluminum	**7,500**		**1.5**	**mg/Kg-dry**	2	02/21/12 08:32 PM
Antimony	**0.79**		**0.76**	**mg/Kg-dry**	2	02/21/12 08:32 PM
Arsenic	**7.1**		**0.76**	**mg/Kg-dry**	2	02/21/12 08:32 PM
Barium	**55**		**0.76**	**mg/Kg-dry**	2	02/21/12 08:32 PM
Beryllium	ND		3.0	mg/Kg-dry	20	02/23/12 02:11 PM
Boron	ND		30	mg/Kg-dry	20	02/23/12 02:11 PM
Cadmium	ND		0.30	mg/Kg-dry	2	02/21/12 08:32 PM
Calcium	**37,000**		**760**	**mg/Kg-dry**	20	02/23/12 02:11 PM
Chromium	**13**		**0.76**	**mg/Kg-dry**	2	02/21/12 08:32 PM
Cobalt	**6.1**		**0.76**	**mg/Kg-dry**	2	02/21/12 08:32 PM
Copper	**20**		**0.76**	**mg/Kg-dry**	2	02/21/12 08:32 PM
Iron	**17,000**		**12**	**mg/Kg-dry**	2	02/21/12 08:32 PM
Lead	**31**		**0.76**	**mg/Kg-dry**	2	02/21/12 08:32 PM
Magnesium	**8,800**		**30**	**mg/Kg-dry**	2	02/21/12 08:32 PM
Manganese	**320**		**7.6**	**mg/Kg-dry**	20	02/23/12 02:11 PM
Nickel	**16**		**0.76**	**mg/Kg-dry**	2	02/21/12 08:32 PM
Potassium	**1,100**		**30**	**mg/Kg-dry**	2	02/21/12 08:32 PM
Selenium	**1.2**		**0.76**	**mg/Kg-dry**	2	02/21/12 08:32 PM
Silver	ND		0.76	mg/Kg-dry	2	02/21/12 08:32 PM
Sodium	**75**		**30**	**mg/Kg-dry**	2	02/21/12 08:32 PM
Thallium	ND		0.76	mg/Kg-dry	2	02/21/12 08:32 PM
Vanadium	**20**		**0.76**	**mg/Kg-dry**	2	02/21/12 08:32 PM
Zinc	**70**		**1.5**	**mg/Kg-dry**	2	02/21/12 08:32 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **02/16/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.38	mg/Kg-dry	1	02/20/12 10:38 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
2,4-Dimethylphenol	ND		0.38	mg/Kg-dry	1	02/20/12 10:38 PM
2,4-Dinitrophenol	ND		0.76	mg/Kg-dry	1	02/20/12 10:38 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
2-Chloronaphthalene	ND		0.092	mg/Kg-dry	1	02/20/12 10:38 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
2-Methylnaphthalene	ND		0.092	mg/Kg-dry	1	02/20/12 10:38 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B03-S01-021312
Lab ID: 1202447-05
Collection Date: 02/13/12 05:46 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.76	mg/Kg-dry	1	02/20/12 10:38 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
3,3´-Dichlorobenzidine	ND		0.76	mg/Kg-dry	1	02/20/12 10:38 PM
3-Nitroaniline	ND		0.76	mg/Kg-dry	1	02/20/12 10:38 PM
4,6-Dinitro-2-methylphenol	ND		0.38	mg/Kg-dry	1	02/20/12 10:38 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
4-Chloroaniline	ND		0.76	mg/Kg-dry	1	02/20/12 10:38 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
4-Nitroaniline	ND		0.76	mg/Kg-dry	1	02/20/12 10:38 PM
4-Nitrophenol	ND		0.76	mg/Kg-dry	1	02/20/12 10:38 PM
Acenaphthene	ND		0.035	mg/Kg-dry	1	02/20/12 10:38 PM
Acenaphthylene	**0.051**		**0.035**	**mg/Kg-dry**	1	02/20/12 10:38 PM
Acetophenone	ND		0.38	mg/Kg-dry	1	02/20/12 10:38 PM
Anthracene	ND		0.035	mg/Kg-dry	1	02/20/12 10:38 PM
Atrazine	ND		0.38	mg/Kg-dry	1	02/20/12 10:38 PM
Benzaldehyde	ND		0.38	mg/Kg-dry	1	02/20/12 10:38 PM
Benzo(a)anthracene	**0.11**		**0.035**	**mg/Kg-dry**	1	02/20/12 10:38 PM
Benzo(a)pyrene	**0.12**		**0.035**	**mg/Kg-dry**	1	02/20/12 10:38 PM
Benzo(b)fluoranthene	**0.19**		**0.035**	**mg/Kg-dry**	1	02/20/12 10:38 PM
Benzo(g,h,i)perylene	**0.071**		**0.035**	**mg/Kg-dry**	1	02/20/12 10:38 PM
Benzo(k)fluoranthene	**0.066**		**0.035**	**mg/Kg-dry**	1	02/20/12 10:38 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
Bis(2-ethylhexyl)phthalate	ND		0.38	mg/Kg-dry	1	02/20/12 10:38 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
Caprolactam	ND		0.38	mg/Kg-dry	1	02/20/12 10:38 PM
Carbazole	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
Chrysene	**0.11**		**0.035**	**mg/Kg-dry**	1	02/20/12 10:38 PM
Dibenzo(a,h)anthracene	ND		0.035	mg/Kg-dry	1	02/20/12 10:38 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
Diethyl phthalate	ND		0.38	mg/Kg-dry	1	02/20/12 10:38 PM
Dimethyl phthalate	ND		0.38	mg/Kg-dry	1	02/20/12 10:38 PM
Di-n-butyl phthalate	ND		0.38	mg/Kg-dry	1	02/20/12 10:38 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
Fluoranthene	**0.17**		**0.035**	**mg/Kg-dry**	1	02/20/12 10:38 PM
Fluorene	ND		0.035	mg/Kg-dry	1	02/20/12 10:38 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM

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

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B03-S01-021312 **Lab ID:** 1202447-05
Collection Date: 02/13/12 05:46 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
Hexachlorocyclopentadiene	ND		0.38	mg/Kg-dry	1	02/20/12 10:38 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
Indeno(1,2,3-cd)pyrene	**0.058**		**0.035**	**mg/Kg-dry**	1	02/20/12 10:38 PM
Isophorone	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
Naphthalene	**0.050**		**0.035**	**mg/Kg-dry**	1	02/20/12 10:38 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
Pentachlorophenol	ND		0.38	mg/Kg-dry	1	02/20/12 10:38 PM
Phenanthrene	**0.11**		**0.035**	**mg/Kg-dry**	1	02/20/12 10:38 PM
Phenol	ND		0.18	mg/Kg-dry	1	02/20/12 10:38 PM
Pyrene	**0.18**		**0.035**	**mg/Kg-dry**	1	02/20/12 10:38 PM
Surr: 2,4,6-Tribromophenol	*75.2*		*34-140*	*%REC*	1	02/20/12 10:38 PM
Surr: 2-Fluorobiphenyl	*76.0*		*12-100*	*%REC*	1	02/20/12 10:38 PM
Surr: 2-Fluorophenol	*71.3*		*33-117*	*%REC*	1	02/20/12 10:38 PM
Surr: 4-Terphenyl-d14	*100*		*25-137*	*%REC*	1	02/20/12 10:38 PM
Surr: Nitrobenzene-d5	*74.7*		*37-107*	*%REC*	1	02/20/12 10:38 PM
Surr: Phenol-d6	*76.4*		*40-106*	*%REC*	1	02/20/12 10:38 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **RS**
1,1,1-Trichloroethane	ND		0.058	mg/Kg-dry	50	02/17/12 02:54 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/17/12 02:54 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/17/12 02:54 PM
1,1,2-Trichlorotrifluoroethane	ND		0.058	mg/Kg-dry	50	02/17/12 02:54 PM
1,1-Dichloroethane	ND		0.058	mg/Kg-dry	50	02/17/12 02:54 PM
1,1-Dichloroethene	ND		0.058	mg/Kg-dry	50	02/17/12 02:54 PM
1,2,4-Trichlorobenzene	ND		0.058	mg/Kg-dry	50	02/17/12 02:54 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/17/12 02:54 PM
1,2-Dibromoethane	ND		0.087	mg/Kg-dry	50	02/17/12 02:54 PM
1,2-Dichlorobenzene	ND		0.058	mg/Kg-dry	50	02/17/12 02:54 PM
1,2-Dichloroethane	ND		0.058	mg/Kg-dry	50	02/17/12 02:54 PM
1,2-Dichloropropane	ND		0.20	mg/Kg-dry	50	02/17/12 02:54 PM
1,3-Dichlorobenzene	ND		0.058	mg/Kg-dry	50	02/17/12 02:54 PM
1,4-Dichlorobenzene	ND		0.058	mg/Kg-dry	50	02/17/12 02:54 PM
2-Butanone	ND		0.43	mg/Kg-dry	50	02/17/12 02:54 PM
2-Hexanone	ND		0.29	mg/Kg-dry	50	02/17/12 02:54 PM
4-Methyl-2-pentanone	ND		0.29	mg/Kg-dry	50	02/17/12 02:54 PM
Acetone	ND		0.26	mg/Kg-dry	50	02/17/12 02:54 PM
Benzene	ND		0.058	mg/Kg-dry	50	02/17/12 02:54 PM
Bromodichloromethane	ND		0.087	mg/Kg-dry	50	02/17/12 02:54 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B03-S01-021312 **Lab ID:** 1202447-05
Collection Date: 02/13/12 05:46 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.058	mg/Kg-dry	50	02/17/12 02:54 PM
Bromomethane	ND		0.087	mg/Kg-dry	50	02/17/12 02:54 PM
Carbon disulfide	ND		0.087	mg/Kg-dry	50	02/17/12 02:54 PM
Carbon tetrachloride	ND		0.058	mg/Kg-dry	50	02/17/12 02:54 PM
Chlorobenzene	ND		0.087	mg/Kg-dry	50	02/17/12 02:54 PM
Chloroethane	ND		0.17	mg/Kg-dry	50	02/17/12 02:54 PM
Chloroform	ND		0.058	mg/Kg-dry	50	02/17/12 02:54 PM
Chloromethane	ND		0.17	mg/Kg-dry	50	02/17/12 02:54 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/17/12 02:54 PM
cis-1,3-Dichloropropene	ND		0.058	mg/Kg-dry	50	02/17/12 02:54 PM
Cyclohexane	ND		0.058	mg/Kg-dry	50	02/17/12 02:54 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/17/12 02:54 PM
Dichlorodifluoromethane	ND		0.058	mg/Kg-dry	50	02/17/12 02:54 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/17/12 02:54 PM
Isopropylbenzene	ND		0.058	mg/Kg-dry	50	02/17/12 02:54 PM
Methyl acetate	ND		0.75	mg/Kg-dry	50	02/17/12 02:54 PM
Methyl tert-butyl ether	ND		0.087	mg/Kg-dry	50	02/17/12 02:54 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/17/12 02:54 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/17/12 02:54 PM
Styrene	ND		0.087	mg/Kg-dry	50	02/17/12 02:54 PM
Tetrachloroethene	ND		0.058	mg/Kg-dry	50	02/17/12 02:54 PM
Toluene	ND		0.087	mg/Kg-dry	50	02/17/12 02:54 PM
trans-1,2-Dichloroethene	ND		0.058	mg/Kg-dry	50	02/17/12 02:54 PM
trans-1,3-Dichloropropene	ND		0.087	mg/Kg-dry	50	02/17/12 02:54 PM
Trichloroethene	ND		0.058	mg/Kg-dry	50	02/17/12 02:54 PM
Trichlorofluoromethane	ND		0.058	mg/Kg-dry	50	02/17/12 02:54 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/17/12 02:54 PM
Xylenes, Total	ND		0.17	mg/Kg-dry	50	02/17/12 02:54 PM
Surr: 1,2-Dichloroethane-d4	*105*		*70-120*	*%REC*	50	02/17/12 02:54 PM
Surr: 4-Bromofluorobenzene	*91.3*		*75-120*	*%REC*	50	02/17/12 02:54 PM
Surr: Dibromofluoromethane	*99.0*		*85-115*	*%REC*	50	02/17/12 02:54 PM
Surr: Toluene-d8	*108*		*85-115*	*%REC*	50	02/17/12 02:54 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **02/20/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.57	mg/Kg-dry	1	02/21/12 02:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**14**		**0.050**	**% of sample**	1	02/16/12 01:42 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B03-S02-021312 **Lab ID:** 1202447-06
Collection Date: 02/13/12 05:55 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **02/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0058	mg/Kg-dry	1	02/21/12 01:38 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/21/12 01:38 PM
2,4-D	ND		0.0058	mg/Kg-dry	1	02/21/12 01:38 PM
Surr: DCAA	*72.2*		*30-150*	*%REC*	1	02/21/12 01:38 PM
PCBS			**SW8082**		Prep Date: **02/20/12**	Analyst: **JD**
Aroclor 1016	ND		0.045	mg/Kg-dry	1	02/24/12 12:02 AM
Aroclor 1221	ND		0.045	mg/Kg-dry	1	02/24/12 12:02 AM
Aroclor 1232	ND		0.045	mg/Kg-dry	1	02/24/12 12:02 AM
Aroclor 1242	ND		0.045	mg/Kg-dry	1	02/24/12 12:02 AM
Aroclor 1248	ND		0.045	mg/Kg-dry	1	02/24/12 12:02 AM
Aroclor 1254	ND		0.045	mg/Kg-dry	1	02/24/12 12:02 AM
Aroclor 1260	ND		0.045	mg/Kg-dry	1	02/24/12 12:02 AM
Surr: Decachlorobiphenyl	*89.1*		*40-140*	*%REC*	1	02/24/12 12:02 AM
PESTICIDES			**SW8081**		Prep Date: **02/20/12**	Analyst: **JD**
4,4´-DDD	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
4,4´-DDE	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
4,4´-DDT	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Aldrin	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
alpha-BHC	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
alpha-Chlordane	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
beta-BHC	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Chlordane, Technical	ND		0.028	mg/Kg-dry	1	02/22/12 05:12 PM
delta-BHC	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Dieldrin	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Endosulfan I	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Endosulfan II	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Endosulfan sulfate	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Endrin	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Endrin aldehyde	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Endrin ketone	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
gamma-BHC (Lindane)	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
gamma-Chlordane	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Heptachlor	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Heptachlor epoxide	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Methoxychlor	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Toxaphene	ND		0.067	mg/Kg-dry	1	02/22/12 05:12 PM
Surr: Decachlorobiphenyl	*84.1*		*45-135*	*%REC*	1	02/22/12 05:12 PM
Surr: Tetrachloro-m-xylene	*93.1*		*45-124*	*%REC*	1	02/22/12 05:12 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B03-S02-021312
Lab ID: 1202447-06
Collection Date: 02/13/12 05:55 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **02/17/12**	Analyst: **LR**
Mercury	ND		0.018	mg/Kg-dry	1	02/17/12 03:10 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **02/17/12**	Analyst: **RH**
Aluminum	**4,000**		**1.6**	**mg/Kg-dry**	2	02/21/12 08:38 PM
Antimony	ND		0.80	mg/Kg-dry	2	02/21/12 08:38 PM
Arsenic	**4.5**		**0.80**	**mg/Kg-dry**	2	02/21/12 08:38 PM
Barium	**25**		**0.80**	**mg/Kg-dry**	2	02/21/12 08:38 PM
Beryllium	ND		3.2	mg/Kg-dry	20	02/22/12 06:08 PM
Boron	ND		32	mg/Kg-dry	20	02/22/12 06:08 PM
Cadmium	ND		0.32	mg/Kg-dry	2	02/21/12 08:38 PM
Calcium	**1,400**		**80**	**mg/Kg-dry**	2	02/21/12 08:38 PM
Chromium	**6.4**		**0.80**	**mg/Kg-dry**	2	02/21/12 08:38 PM
Cobalt	**3.1**		**0.80**	**mg/Kg-dry**	2	02/21/12 08:38 PM
Copper	**8.5**		**0.80**	**mg/Kg-dry**	2	02/21/12 08:38 PM
Iron	**7,900**		**13**	**mg/Kg-dry**	2	02/21/12 08:38 PM
Lead	**4.6**		**0.80**	**mg/Kg-dry**	2	02/21/12 08:38 PM
Magnesium	**1,100**		**32**	**mg/Kg-dry**	2	02/21/12 08:38 PM
Manganese	**180**		**0.80**	**mg/Kg-dry**	2	02/21/12 08:38 PM
Nickel	**11**		**0.80**	**mg/Kg-dry**	2	02/21/12 08:38 PM
Potassium	**510**		**32**	**mg/Kg-dry**	2	02/21/12 08:38 PM
Selenium	ND		0.80	mg/Kg-dry	2	02/21/12 08:38 PM
Silver	ND		0.80	mg/Kg-dry	2	02/21/12 08:38 PM
Sodium	**52**		**32**	**mg/Kg-dry**	2	02/21/12 08:38 PM
Thallium	ND		0.80	mg/Kg-dry	2	02/21/12 08:38 PM
Vanadium	**10**		**0.80**	**mg/Kg-dry**	2	02/21/12 08:38 PM
Zinc	**23**		**1.6**	**mg/Kg-dry**	2	02/21/12 08:38 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **02/16/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.38	mg/Kg-dry	1	02/17/12 06:26 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
2,4-Dimethylphenol	ND		0.38	mg/Kg-dry	1	02/17/12 06:26 PM
2,4-Dinitrophenol	ND		0.76	mg/Kg-dry	1	02/17/12 06:26 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
2-Chloronaphthalene	ND		0.092	mg/Kg-dry	1	02/17/12 06:26 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
2-Methylnaphthalene	ND		0.092	mg/Kg-dry	1	02/17/12 06:26 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B03-S02-021312
Lab ID: 1202447-06
Collection Date: 02/13/12 05:55 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.76	mg/Kg-dry	1	02/17/12 06:26 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
3,3´-Dichlorobenzidine	ND		0.76	mg/Kg-dry	1	02/17/12 06:26 PM
3-Nitroaniline	ND		0.76	mg/Kg-dry	1	02/17/12 06:26 PM
4,6-Dinitro-2-methylphenol	ND		0.38	mg/Kg-dry	1	02/17/12 06:26 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
4-Chloroaniline	ND		0.76	mg/Kg-dry	1	02/17/12 06:26 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
4-Nitroaniline	ND		0.76	mg/Kg-dry	1	02/17/12 06:26 PM
4-Nitrophenol	ND		0.76	mg/Kg-dry	1	02/17/12 06:26 PM
Acenaphthene	ND		0.035	mg/Kg-dry	1	02/17/12 06:26 PM
Acenaphthylene	ND		0.035	mg/Kg-dry	1	02/17/12 06:26 PM
Acetophenone	ND		0.38	mg/Kg-dry	1	02/17/12 06:26 PM
Anthracene	ND		0.035	mg/Kg-dry	1	02/17/12 06:26 PM
Atrazine	ND		0.38	mg/Kg-dry	1	02/17/12 06:26 PM
Benzaldehyde	ND		0.38	mg/Kg-dry	1	02/17/12 06:26 PM
Benzo(a)anthracene	ND		0.035	mg/Kg-dry	1	02/17/12 06:26 PM
Benzo(a)pyrene	ND		0.035	mg/Kg-dry	1	02/17/12 06:26 PM
Benzo(b)fluoranthene	ND		0.035	mg/Kg-dry	1	02/17/12 06:26 PM
Benzo(g,h,i)perylene	ND		0.035	mg/Kg-dry	1	02/17/12 06:26 PM
Benzo(k)fluoranthene	ND		0.035	mg/Kg-dry	1	02/17/12 06:26 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
Bis(2-ethylhexyl)phthalate	ND		0.38	mg/Kg-dry	1	02/17/12 06:26 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
Caprolactam	ND		0.38	mg/Kg-dry	1	02/17/12 06:26 PM
Carbazole	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
Chrysene	ND		0.035	mg/Kg-dry	1	02/17/12 06:26 PM
Dibenzo(a,h)anthracene	ND		0.035	mg/Kg-dry	1	02/17/12 06:26 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
Diethyl phthalate	ND		0.38	mg/Kg-dry	1	02/17/12 06:26 PM
Dimethyl phthalate	ND		0.38	mg/Kg-dry	1	02/17/12 06:26 PM
Di-n-butyl phthalate	ND		0.38	mg/Kg-dry	1	02/17/12 06:26 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
Fluoranthene	ND		0.035	mg/Kg-dry	1	02/17/12 06:26 PM
Fluorene	ND		0.035	mg/Kg-dry	1	02/17/12 06:26 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM

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

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B03-S02-021312 **Lab ID:** 1202447-06
Collection Date: 02/13/12 05:55 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
Hexachlorocyclopentadiene	ND		0.38	mg/Kg-dry	1	02/17/12 06:26 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
Indeno(1,2,3-cd)pyrene	ND		0.035	mg/Kg-dry	1	02/17/12 06:26 PM
Isophorone	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
Naphthalene	ND		0.035	mg/Kg-dry	1	02/17/12 06:26 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
Pentachlorophenol	ND		0.38	mg/Kg-dry	1	02/17/12 06:26 PM
Phenanthrene	ND		0.035	mg/Kg-dry	1	02/17/12 06:26 PM
Phenol	ND		0.18	mg/Kg-dry	1	02/17/12 06:26 PM
Pyrene	ND		0.035	mg/Kg-dry	1	02/17/12 06:26 PM
Surr: 2,4,6-Tribromophenol	*74.2*		*34-140*	*%REC*	1	02/17/12 06:26 PM
Surr: 2-Fluorobiphenyl	*76.0*		*12-100*	*%REC*	1	02/17/12 06:26 PM
Surr: 2-Fluorophenol	*83.1*		*33-117*	*%REC*	1	02/17/12 06:26 PM
Surr: 4-Terphenyl-d14	*90.7*		*25-137*	*%REC*	1	02/17/12 06:26 PM
Surr: Nitrobenzene-d5	*80.6*		*37-107*	*%REC*	1	02/17/12 06:26 PM
Surr: Phenol-d6	*83.5*		*40-106*	*%REC*	1	02/17/12 06:26 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **RS**
1,1,1-Trichloroethane	ND		0.058	mg/Kg-dry	50	02/17/12 03:18 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/17/12 03:18 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/17/12 03:18 PM
1,1,2-Trichlorotrifluoroethane	ND		0.058	mg/Kg-dry	50	02/17/12 03:18 PM
1,1-Dichloroethane	ND		0.058	mg/Kg-dry	50	02/17/12 03:18 PM
1,1-Dichloroethene	ND		0.058	mg/Kg-dry	50	02/17/12 03:18 PM
1,2,4-Trichlorobenzene	ND		0.058	mg/Kg-dry	50	02/17/12 03:18 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/17/12 03:18 PM
1,2-Dibromoethane	ND		0.087	mg/Kg-dry	50	02/17/12 03:18 PM
1,2-Dichlorobenzene	ND		0.058	mg/Kg-dry	50	02/17/12 03:18 PM
1,2-Dichloroethane	ND		0.058	mg/Kg-dry	50	02/17/12 03:18 PM
1,2-Dichloropropane	ND		0.20	mg/Kg-dry	50	02/17/12 03:18 PM
1,3-Dichlorobenzene	ND		0.058	mg/Kg-dry	50	02/17/12 03:18 PM
1,4-Dichlorobenzene	ND		0.058	mg/Kg-dry	50	02/17/12 03:18 PM
2-Butanone	ND		0.44	mg/Kg-dry	50	02/17/12 03:18 PM
2-Hexanone	ND		0.29	mg/Kg-dry	50	02/17/12 03:18 PM
4-Methyl-2-pentanone	ND		0.29	mg/Kg-dry	50	02/17/12 03:18 PM
Acetone	ND		0.26	mg/Kg-dry	50	02/17/12 03:18 PM
Benzene	ND		0.058	mg/Kg-dry	50	02/17/12 03:18 PM
Bromodichloromethane	ND		0.087	mg/Kg-dry	50	02/17/12 03:18 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B03-S02-021312
Lab ID: 1202447-06
Collection Date: 02/13/12 05:55 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.058	mg/Kg-dry	50	02/17/12 03:18 PM
Bromomethane	ND		0.087	mg/Kg-dry	50	02/17/12 03:18 PM
Carbon disulfide	ND		0.087	mg/Kg-dry	50	02/17/12 03:18 PM
Carbon tetrachloride	ND		0.058	mg/Kg-dry	50	02/17/12 03:18 PM
Chlorobenzene	ND		0.087	mg/Kg-dry	50	02/17/12 03:18 PM
Chloroethane	ND		0.17	mg/Kg-dry	50	02/17/12 03:18 PM
Chloroform	ND		0.058	mg/Kg-dry	50	02/17/12 03:18 PM
Chloromethane	ND		0.17	mg/Kg-dry	50	02/17/12 03:18 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/17/12 03:18 PM
cis-1,3-Dichloropropene	ND		0.058	mg/Kg-dry	50	02/17/12 03:18 PM
Cyclohexane	ND		0.058	mg/Kg-dry	50	02/17/12 03:18 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/17/12 03:18 PM
Dichlorodifluoromethane	ND		0.058	mg/Kg-dry	50	02/17/12 03:18 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/17/12 03:18 PM
Isopropylbenzene	ND		0.058	mg/Kg-dry	50	02/17/12 03:18 PM
Methyl acetate	ND		0.64	mg/Kg-dry	50	02/17/12 03:18 PM
Methyl tert-butyl ether	ND		0.087	mg/Kg-dry	50	02/17/12 03:18 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/17/12 03:18 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/17/12 03:18 PM
Styrene	ND		0.087	mg/Kg-dry	50	02/17/12 03:18 PM
Tetrachloroethene	ND		0.058	mg/Kg-dry	50	02/17/12 03:18 PM
Toluene	ND		0.087	mg/Kg-dry	50	02/17/12 03:18 PM
trans-1,2-Dichloroethene	ND		0.058	mg/Kg-dry	50	02/17/12 03:18 PM
trans-1,3-Dichloropropene	ND		0.087	mg/Kg-dry	50	02/17/12 03:18 PM
Trichloroethene	ND		0.058	mg/Kg-dry	50	02/17/12 03:18 PM
Trichlorofluoromethane	ND		0.058	mg/Kg-dry	50	02/17/12 03:18 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/17/12 03:18 PM
Xylenes, Total	ND		0.17	mg/Kg-dry	50	02/17/12 03:18 PM
Surr: 1,2-Dichloroethane-d4	*105*		*70-120*	*%REC*	50	02/17/12 03:18 PM
Surr: 4-Bromofluorobenzene	*91.4*		*75-120*	*%REC*	50	02/17/12 03:18 PM
Surr: Dibromofluoromethane	*99.4*		*85-115*	*%REC*	50	02/17/12 03:18 PM
Surr: Toluene-d8	*107*		*85-115*	*%REC*	50	02/17/12 03:18 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **02/20/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.58	mg/Kg-dry	1	02/21/12 02:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**14**		**0.050**	**% of sample**	1	02/16/12 01:42 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B04-S01-021312 **Lab ID:** 1202447-07
Collection Date: 02/13/12 03:00 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **02/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0056	mg/Kg-dry	1	02/21/12 01:38 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/21/12 01:38 PM
2,4-D	ND		0.0056	mg/Kg-dry	1	02/21/12 01:38 PM
Surr: DCAA	*62.6*		*30-150*	*%REC*	1	02/21/12 01:38 PM
PCBS			**SW8082**		Prep Date: **02/20/12**	Analyst: **JD**
Aroclor 1016	ND		0.044	mg/Kg-dry	1	02/24/12 12:22 AM
Aroclor 1221	ND		0.044	mg/Kg-dry	1	02/24/12 12:22 AM
Aroclor 1232	ND		0.044	mg/Kg-dry	1	02/24/12 12:22 AM
Aroclor 1242	ND		0.044	mg/Kg-dry	1	02/24/12 12:22 AM
Aroclor 1248	ND		0.044	mg/Kg-dry	1	02/24/12 12:22 AM
Aroclor 1254	ND		0.044	mg/Kg-dry	1	02/24/12 12:22 AM
Aroclor 1260	ND		0.044	mg/Kg-dry	1	02/24/12 12:22 AM
Surr: Decachlorobiphenyl	*86.1*		*40-140*	*%REC*	1	02/24/12 12:22 AM
PESTICIDES			**SW8081**		Prep Date: **02/20/12**	Analyst: **JD**
4,4´-DDD	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
4,4´-DDE	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
4,4´-DDT	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Aldrin	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
alpha-BHC	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
alpha-Chlordane	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
beta-BHC	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Chlordane, Technical	ND		0.028	mg/Kg-dry	1	02/22/12 05:12 PM
delta-BHC	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Dieldrin	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Endosulfan I	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Endosulfan II	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Endosulfan sulfate	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Endrin	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Endrin aldehyde	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Endrin ketone	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
gamma-BHC (Lindane)	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
gamma-Chlordane	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Heptachlor	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Heptachlor epoxide	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Methoxychlor	ND		0.011	mg/Kg-dry	1	02/22/12 05:12 PM
Toxaphene	ND		0.066	mg/Kg-dry	1	02/22/12 05:12 PM
Surr: Decachlorobiphenyl	*79.1*		*45-135*	*%REC*	1	02/22/12 05:12 PM
Surr: Tetrachloro-m-xylene	*91.1*		*45-124*	*%REC*	1	02/22/12 05:12 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B04-S01-021312
Lab ID: 1202447-07
Collection Date: 02/13/12 03:00 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **02/17/12**	Analyst: **LR**
Mercury	**0.022**		**0.019**	**mg/Kg-dry**	1	02/17/12 03:12 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **02/17/12**	Analyst: **RH**
Aluminum	**4,600**		**1.7**	**mg/Kg-dry**	2	02/21/12 08:44 PM
Antimony	ND		0.87	mg/Kg-dry	2	02/21/12 08:44 PM
Arsenic	**4.0**		**0.87**	**mg/Kg-dry**	2	02/21/12 08:44 PM
Barium	**21**		**0.87**	**mg/Kg-dry**	2	02/21/12 08:44 PM
Beryllium	ND		3.5	mg/Kg-dry	20	02/22/12 06:14 PM
Boron	ND		35	mg/Kg-dry	20	02/22/12 06:14 PM
Cadmium	ND		0.35	mg/Kg-dry	2	02/21/12 08:44 PM
Calcium	**10,000**		**87**	**mg/Kg-dry**	2	02/21/12 08:44 PM
Chromium	**7.9**		**0.87**	**mg/Kg-dry**	2	02/21/12 08:44 PM
Cobalt	**3.5**		**0.87**	**mg/Kg-dry**	2	02/21/12 08:44 PM
Copper	**9.2**		**0.87**	**mg/Kg-dry**	2	02/21/12 08:44 PM
Iron	**10,000**		**14**	**mg/Kg-dry**	2	02/21/12 08:44 PM
Lead	**15**		**0.87**	**mg/Kg-dry**	2	02/21/12 08:44 PM
Magnesium	**3,700**		**35**	**mg/Kg-dry**	2	02/21/12 08:44 PM
Manganese	**230**		**0.87**	**mg/Kg-dry**	2	02/21/12 08:44 PM
Nickel	**10**		**0.87**	**mg/Kg-dry**	2	02/21/12 08:44 PM
Potassium	**540**		**35**	**mg/Kg-dry**	2	02/21/12 08:44 PM
Selenium	ND		0.87	mg/Kg-dry	2	02/21/12 08:44 PM
Silver	ND		0.87	mg/Kg-dry	2	02/21/12 08:44 PM
Sodium	**37**		**35**	**mg/Kg-dry**	2	02/21/12 08:44 PM
Thallium	ND		0.87	mg/Kg-dry	2	02/21/12 08:44 PM
Vanadium	**13**		**0.87**	**mg/Kg-dry**	2	02/21/12 08:44 PM
Zinc	**78**		**1.7**	**mg/Kg-dry**	2	02/21/12 08:44 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **02/16/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.37	mg/Kg-dry	1	02/17/12 06:54 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
2,4-Dimethylphenol	ND		0.37	mg/Kg-dry	1	02/17/12 06:54 PM
2,4-Dinitrophenol	ND		0.74	mg/Kg-dry	1	02/17/12 06:54 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
2-Chloronaphthalene	ND		0.090	mg/Kg-dry	1	02/17/12 06:54 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
2-Methylnaphthalene	ND		0.090	mg/Kg-dry	1	02/17/12 06:54 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B04-S01-021312
Lab ID: 1202447-07
Collection Date: 02/13/12 03:00 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.74	mg/Kg-dry	1	02/17/12 06:54 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
3,3´-Dichlorobenzidine	ND		0.74	mg/Kg-dry	1	02/17/12 06:54 PM
3-Nitroaniline	ND		0.74	mg/Kg-dry	1	02/17/12 06:54 PM
4,6-Dinitro-2-methylphenol	ND		0.37	mg/Kg-dry	1	02/17/12 06:54 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
4-Chloroaniline	ND		0.74	mg/Kg-dry	1	02/17/12 06:54 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
4-Nitroaniline	ND		0.74	mg/Kg-dry	1	02/17/12 06:54 PM
4-Nitrophenol	ND		0.74	mg/Kg-dry	1	02/17/12 06:54 PM
Acenaphthene	ND		0.034	mg/Kg-dry	1	02/17/12 06:54 PM
Acenaphthylene	ND		0.034	mg/Kg-dry	1	02/17/12 06:54 PM
Acetophenone	ND		0.37	mg/Kg-dry	1	02/17/12 06:54 PM
Anthracene	ND		0.034	mg/Kg-dry	1	02/17/12 06:54 PM
Atrazine	ND		0.37	mg/Kg-dry	1	02/17/12 06:54 PM
Benzaldehyde	ND		0.37	mg/Kg-dry	1	02/17/12 06:54 PM
Benzo(a)anthracene	ND		0.034	mg/Kg-dry	1	02/17/12 06:54 PM
Benzo(a)pyrene	ND		0.034	mg/Kg-dry	1	02/17/12 06:54 PM
Benzo(b)fluoranthene	ND		0.034	mg/Kg-dry	1	02/17/12 06:54 PM
Benzo(g,h,i)perylene	ND		0.034	mg/Kg-dry	1	02/17/12 06:54 PM
Benzo(k)fluoranthene	ND		0.034	mg/Kg-dry	1	02/17/12 06:54 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
Bis(2-ethylhexyl)phthalate	ND		0.37	mg/Kg-dry	1	02/17/12 06:54 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
Caprolactam	ND		0.37	mg/Kg-dry	1	02/17/12 06:54 PM
Carbazole	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
Chrysene	ND		0.034	mg/Kg-dry	1	02/17/12 06:54 PM
Dibenzo(a,h)anthracene	ND		0.034	mg/Kg-dry	1	02/17/12 06:54 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
Diethyl phthalate	ND		0.37	mg/Kg-dry	1	02/17/12 06:54 PM
Dimethyl phthalate	ND		0.37	mg/Kg-dry	1	02/17/12 06:54 PM
Di-n-butyl phthalate	ND		0.37	mg/Kg-dry	1	02/17/12 06:54 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
Fluoranthene	ND		0.034	mg/Kg-dry	1	02/17/12 06:54 PM
Fluorene	ND		0.034	mg/Kg-dry	1	02/17/12 06:54 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM

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

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B04-S01-021312 **Lab ID:** 1202447-07
Collection Date: 02/13/12 03:00 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
Hexachlorocyclopentadiene	ND		0.37	mg/Kg-dry	1	02/17/12 06:54 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
Indeno(1,2,3-cd)pyrene	ND		0.034	mg/Kg-dry	1	02/17/12 06:54 PM
Isophorone	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
Naphthalene	ND		0.034	mg/Kg-dry	1	02/17/12 06:54 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
Pentachlorophenol	ND		0.37	mg/Kg-dry	1	02/17/12 06:54 PM
Phenanthrene	ND		0.034	mg/Kg-dry	1	02/17/12 06:54 PM
Phenol	ND		0.18	mg/Kg-dry	1	02/17/12 06:54 PM
Pyrene	ND		0.034	mg/Kg-dry	1	02/17/12 06:54 PM
Surr: 2,4,6-Tribromophenol	*66.9*		*34-140*	*%REC*	1	02/17/12 06:54 PM
Surr: 2-Fluorobiphenyl	*66.5*		*12-100*	*%REC*	1	02/17/12 06:54 PM
Surr: 2-Fluorophenol	*74.1*		*33-117*	*%REC*	1	02/17/12 06:54 PM
Surr: 4-Terphenyl-d14	*84.9*		*25-137*	*%REC*	1	02/17/12 06:54 PM
Surr: Nitrobenzene-d5	*69.2*		*37-107*	*%REC*	1	02/17/12 06:54 PM
Surr: Phenol-d6	*76.0*		*40-106*	*%REC*	1	02/17/12 06:54 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **RS**
1,1,1-Trichloroethane	ND		0.057	mg/Kg-dry	50	02/17/12 03:42 PM
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg-dry	50	02/17/12 03:42 PM
1,1,2-Trichloroethane	ND		0.11	mg/Kg-dry	50	02/17/12 03:42 PM
1,1,2-Trichlorotrifluoroethane	ND		0.057	mg/Kg-dry	50	02/17/12 03:42 PM
1,1-Dichloroethane	ND		0.057	mg/Kg-dry	50	02/17/12 03:42 PM
1,1-Dichloroethene	ND		0.057	mg/Kg-dry	50	02/17/12 03:42 PM
1,2,4-Trichlorobenzene	ND		0.057	mg/Kg-dry	50	02/17/12 03:42 PM
1,2-Dibromo-3-chloropropane	ND		0.11	mg/Kg-dry	50	02/17/12 03:42 PM
1,2-Dibromoethane	ND		0.085	mg/Kg-dry	50	02/17/12 03:42 PM
1,2-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/17/12 03:42 PM
1,2-Dichloroethane	ND		0.057	mg/Kg-dry	50	02/17/12 03:42 PM
1,2-Dichloropropane	ND		0.20	mg/Kg-dry	50	02/17/12 03:42 PM
1,3-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/17/12 03:42 PM
1,4-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/17/12 03:42 PM
2-Butanone	ND		0.43	mg/Kg-dry	50	02/17/12 03:42 PM
2-Hexanone	ND		0.28	mg/Kg-dry	50	02/17/12 03:42 PM
4-Methyl-2-pentanone	ND		0.28	mg/Kg-dry	50	02/17/12 03:42 PM
Acetone	ND		0.26	mg/Kg-dry	50	02/17/12 03:42 PM
Benzene	ND		0.057	mg/Kg-dry	50	02/17/12 03:42 PM
Bromodichloromethane	ND		0.085	mg/Kg-dry	50	02/17/12 03:42 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B04-S01-021312
Lab ID: 1202447-07
Collection Date: 02/13/12 03:00 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.057	mg/Kg-dry	50	02/17/12 03:42 PM
Bromomethane	ND		0.085	mg/Kg-dry	50	02/17/12 03:42 PM
Carbon disulfide	ND		0.085	mg/Kg-dry	50	02/17/12 03:42 PM
Carbon tetrachloride	ND		0.057	mg/Kg-dry	50	02/17/12 03:42 PM
Chlorobenzene	ND		0.085	mg/Kg-dry	50	02/17/12 03:42 PM
Chloroethane	ND		0.17	mg/Kg-dry	50	02/17/12 03:42 PM
Chloroform	ND		0.057	mg/Kg-dry	50	02/17/12 03:42 PM
Chloromethane	ND		0.17	mg/Kg-dry	50	02/17/12 03:42 PM
cis-1,2-Dichloroethene	ND		0.11	mg/Kg-dry	50	02/17/12 03:42 PM
cis-1,3-Dichloropropene	ND		0.057	mg/Kg-dry	50	02/17/12 03:42 PM
Cyclohexane	ND		0.057	mg/Kg-dry	50	02/17/12 03:42 PM
Dibromochloromethane	ND		0.11	mg/Kg-dry	50	02/17/12 03:42 PM
Dichlorodifluoromethane	ND		0.057	mg/Kg-dry	50	02/17/12 03:42 PM
Ethylbenzene	ND		0.11	mg/Kg-dry	50	02/17/12 03:42 PM
Isopropylbenzene	ND		0.057	mg/Kg-dry	50	02/17/12 03:42 PM
Methyl acetate	ND		0.62	mg/Kg-dry	50	02/17/12 03:42 PM
Methyl tert-butyl ether	ND		0.085	mg/Kg-dry	50	02/17/12 03:42 PM
Methylcyclohexane	ND		1.1	mg/Kg-dry	50	02/17/12 03:42 PM
Methylene chloride	ND		0.11	mg/Kg-dry	50	02/17/12 03:42 PM
Styrene	ND		0.085	mg/Kg-dry	50	02/17/12 03:42 PM
Tetrachloroethene	ND		0.057	mg/Kg-dry	50	02/17/12 03:42 PM
Toluene	ND		0.085	mg/Kg-dry	50	02/17/12 03:42 PM
trans-1,2-Dichloroethene	ND		0.057	mg/Kg-dry	50	02/17/12 03:42 PM
trans-1,3-Dichloropropene	ND		0.085	mg/Kg-dry	50	02/17/12 03:42 PM
Trichloroethene	ND		0.057	mg/Kg-dry	50	02/17/12 03:42 PM
Trichlorofluoromethane	ND		0.057	mg/Kg-dry	50	02/17/12 03:42 PM
Vinyl chloride	ND		0.11	mg/Kg-dry	50	02/17/12 03:42 PM
Xylenes, Total	ND		0.17	mg/Kg-dry	50	02/17/12 03:42 PM
Surr: 1,2-Dichloroethane-d4	*106*		*70-120*	*%REC*	50	02/17/12 03:42 PM
Surr: 4-Bromofluorobenzene	*90.6*		*75-120*	*%REC*	50	02/17/12 03:42 PM
Surr: Dibromofluoromethane	*98.4*		*85-115*	*%REC*	50	02/17/12 03:42 PM
Surr: Toluene-d8	*107*		*85-115*	*%REC*	50	02/17/12 03:42 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **02/20/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.55	mg/Kg-dry	1	02/21/12 02:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**12**		**0.050**	**% of sample**	1	02/16/12 01:42 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B04-S02-021312 **Lab ID:** 1202447-08
Collection Date: 02/13/12 03:10 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **02/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0056	mg/Kg-dry	1	02/21/12 01:38 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/21/12 01:38 PM
2,4-D	ND		0.0056	mg/Kg-dry	1	02/21/12 01:38 PM
Surr: DCAA	*76.8*		*30-150*	*%REC*	1	02/21/12 01:38 PM
PCBS			**SW8082**		Prep Date: **02/20/12**	Analyst: **JD**
Aroclor 1016	ND		0.045	mg/Kg-dry	1	02/24/12 12:42 AM
Aroclor 1221	ND		0.045	mg/Kg-dry	1	02/24/12 12:42 AM
Aroclor 1232	ND		0.045	mg/Kg-dry	1	02/24/12 12:42 AM
Aroclor 1242	ND		0.045	mg/Kg-dry	1	02/24/12 12:42 AM
Aroclor 1248	ND		0.045	mg/Kg-dry	1	02/24/12 12:42 AM
Aroclor 1254	ND		0.045	mg/Kg-dry	1	02/24/12 12:42 AM
Aroclor 1260	ND		0.045	mg/Kg-dry	1	02/24/12 12:42 AM
Surr: Decachlorobiphenyl	*84.1*		*40-140*	*%REC*	1	02/24/12 12:42 AM
PESTICIDES			**SW8081**		Prep Date: **02/20/12**	Analyst: **JD**
4,4´-DDD	ND		0.022	mg/Kg-dry	2	02/22/12 05:12 PM
4,4´-DDE	ND		0.022	mg/Kg-dry	2	02/22/12 05:12 PM
4,4´-DDT	ND		0.022	mg/Kg-dry	2	02/22/12 05:12 PM
Aldrin	ND		0.022	mg/Kg-dry	2	02/22/12 05:12 PM
alpha-BHC	ND		0.022	mg/Kg-dry	2	02/22/12 05:12 PM
alpha-Chlordane	ND		0.022	mg/Kg-dry	2	02/22/12 05:12 PM
beta-BHC	ND		0.022	mg/Kg-dry	2	02/22/12 05:12 PM
Chlordane, Technical	ND		0.056	mg/Kg-dry	2	02/22/12 05:12 PM
delta-BHC	ND		0.022	mg/Kg-dry	2	02/22/12 05:12 PM
Dieldrin	ND		0.022	mg/Kg-dry	2	02/22/12 05:12 PM
Endosulfan I	ND		0.022	mg/Kg-dry	2	02/22/12 05:12 PM
Endosulfan II	ND		0.022	mg/Kg-dry	2	02/22/12 05:12 PM
Endosulfan sulfate	ND		0.022	mg/Kg-dry	2	02/22/12 05:12 PM
Endrin	ND		0.022	mg/Kg-dry	2	02/22/12 05:12 PM
Endrin aldehyde	ND		0.022	mg/Kg-dry	2	02/22/12 05:12 PM
Endrin ketone	ND		0.022	mg/Kg-dry	2	02/22/12 05:12 PM
gamma-BHC (Lindane)	ND		0.022	mg/Kg-dry	2	02/22/12 05:12 PM
gamma-Chlordane	ND		0.022	mg/Kg-dry	2	02/22/12 05:12 PM
Heptachlor	ND		0.022	mg/Kg-dry	2	02/22/12 05:12 PM
Heptachlor epoxide	ND		0.022	mg/Kg-dry	2	02/22/12 05:12 PM
Methoxychlor	ND		0.022	mg/Kg-dry	2	02/22/12 05:12 PM
Toxaphene	ND		0.13	mg/Kg-dry	2	02/22/12 05:12 PM
Surr: Decachlorobiphenyl	*82.1*		*45-135*	*%REC*	2	02/22/12 05:12 PM
Surr: Tetrachloro-m-xylene	*92.1*		*45-124*	*%REC*	2	02/22/12 05:12 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B04-S02-021312
Lab ID: 1202447-08
Collection Date: 02/13/12 03:10 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **02/17/12**	Analyst: **LR**
Mercury	ND		0.020	mg/Kg-dry	1	02/17/12 03:15 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **02/20/12**	Analyst: **RH**
Aluminum	**10,000**		**1.7**	**mg/Kg-dry**	2	02/21/12 09:14 PM
Antimony	ND		0.83	mg/Kg-dry	2	02/21/12 09:14 PM
Arsenic	**7.8**		**0.83**	**mg/Kg-dry**	2	02/21/12 09:14 PM
Barium	**110**		**0.83**	**mg/Kg-dry**	2	02/21/12 09:14 PM
Beryllium	ND		3.3	mg/Kg-dry	20	02/22/12 05:02 PM
Boron	ND		33	mg/Kg-dry	20	02/22/12 05:02 PM
Cadmium	ND		0.33	mg/Kg-dry	2	02/21/12 09:14 PM
Calcium	**57,000**		**830**	**mg/Kg-dry**	20	02/22/12 05:02 PM
Chromium	**18**		**0.83**	**mg/Kg-dry**	2	02/21/12 09:14 PM
Cobalt	**11**		**0.83**	**mg/Kg-dry**	2	02/21/12 09:14 PM
Copper	**19**		**0.83**	**mg/Kg-dry**	2	02/21/12 09:14 PM
Iron	**23,000**		**13**	**mg/Kg-dry**	2	02/21/12 09:14 PM
Lead	**11**		**0.83**	**mg/Kg-dry**	2	02/21/12 09:14 PM
Magnesium	**13,000**		**33**	**mg/Kg-dry**	2	02/21/12 09:14 PM
Manganese	**370**		**8.3**	**mg/Kg-dry**	20	02/22/12 05:02 PM
Nickel	**28**		**0.83**	**mg/Kg-dry**	2	02/21/12 09:14 PM
Potassium	**2,400**		**33**	**mg/Kg-dry**	2	02/21/12 09:14 PM
Selenium	**1.1**		**0.83**	**mg/Kg-dry**	2	02/21/12 09:14 PM
Silver	ND		0.83	mg/Kg-dry	2	02/21/12 09:14 PM
Sodium	**140**		**33**	**mg/Kg-dry**	2	02/21/12 09:14 PM
Thallium	ND		0.83	mg/Kg-dry	2	02/21/12 09:14 PM
Vanadium	**23**		**0.83**	**mg/Kg-dry**	2	02/21/12 09:14 PM
Zinc	**56**		**1.7**	**mg/Kg-dry**	2	02/21/12 09:14 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **02/16/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.38	mg/Kg-dry	1	02/17/12 07:22 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
2,4-Dimethylphenol	ND		0.38	mg/Kg-dry	1	02/17/12 07:22 PM
2,4-Dinitrophenol	ND		0.76	mg/Kg-dry	1	02/17/12 07:22 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
2-Chloronaphthalene	ND		0.092	mg/Kg-dry	1	02/17/12 07:22 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
2-Methylnaphthalene	ND		0.092	mg/Kg-dry	1	02/17/12 07:22 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B04-S02-021312
Lab ID: 1202447-08
Collection Date: 02/13/12 03:10 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.76	mg/Kg-dry	1	02/17/12 07:22 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
3,3´-Dichlorobenzidine	ND		0.76	mg/Kg-dry	1	02/17/12 07:22 PM
3-Nitroaniline	ND		0.76	mg/Kg-dry	1	02/17/12 07:22 PM
4,6-Dinitro-2-methylphenol	ND		0.38	mg/Kg-dry	1	02/17/12 07:22 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
4-Chloroaniline	ND		0.76	mg/Kg-dry	1	02/17/12 07:22 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
4-Nitroaniline	ND		0.76	mg/Kg-dry	1	02/17/12 07:22 PM
4-Nitrophenol	ND		0.76	mg/Kg-dry	1	02/17/12 07:22 PM
Acenaphthene	ND		0.034	mg/Kg-dry	1	02/17/12 07:22 PM
Acenaphthylene	ND		0.034	mg/Kg-dry	1	02/17/12 07:22 PM
Acetophenone	ND		0.38	mg/Kg-dry	1	02/17/12 07:22 PM
Anthracene	ND		0.034	mg/Kg-dry	1	02/17/12 07:22 PM
Atrazine	ND		0.38	mg/Kg-dry	1	02/17/12 07:22 PM
Benzaldehyde	ND		0.38	mg/Kg-dry	1	02/17/12 07:22 PM
Benzo(a)anthracene	ND		0.034	mg/Kg-dry	1	02/17/12 07:22 PM
Benzo(a)pyrene	ND		0.034	mg/Kg-dry	1	02/17/12 07:22 PM
Benzo(b)fluoranthene	ND		0.034	mg/Kg-dry	1	02/17/12 07:22 PM
Benzo(g,h,i)perylene	ND		0.034	mg/Kg-dry	1	02/17/12 07:22 PM
Benzo(k)fluoranthene	ND		0.034	mg/Kg-dry	1	02/17/12 07:22 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
Bis(2-ethylhexyl)phthalate	ND		0.38	mg/Kg-dry	1	02/17/12 07:22 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
Caprolactam	ND		0.38	mg/Kg-dry	1	02/17/12 07:22 PM
Carbazole	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
Chrysene	ND		0.034	mg/Kg-dry	1	02/17/12 07:22 PM
Dibenzo(a,h)anthracene	ND		0.034	mg/Kg-dry	1	02/17/12 07:22 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
Diethyl phthalate	ND		0.38	mg/Kg-dry	1	02/17/12 07:22 PM
Dimethyl phthalate	ND		0.38	mg/Kg-dry	1	02/17/12 07:22 PM
Di-n-butyl phthalate	ND		0.38	mg/Kg-dry	1	02/17/12 07:22 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
Fluoranthene	ND		0.034	mg/Kg-dry	1	02/17/12 07:22 PM
Fluorene	ND		0.034	mg/Kg-dry	1	02/17/12 07:22 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM

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

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B04-S02-021312 **Lab ID:** 1202447-08
Collection Date: 02/13/12 03:10 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
Hexachlorocyclopentadiene	ND		0.38	mg/Kg-dry	1	02/17/12 07:22 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
Indeno(1,2,3-cd)pyrene	ND		0.034	mg/Kg-dry	1	02/17/12 07:22 PM
Isophorone	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
Naphthalene	ND		0.034	mg/Kg-dry	1	02/17/12 07:22 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
Pentachlorophenol	ND		0.38	mg/Kg-dry	1	02/17/12 07:22 PM
Phenanthrene	ND		0.034	mg/Kg-dry	1	02/17/12 07:22 PM
Phenol	ND		0.18	mg/Kg-dry	1	02/17/12 07:22 PM
Pyrene	ND		0.034	mg/Kg-dry	1	02/17/12 07:22 PM
Surr: 2,4,6-Tribromophenol	*73.0*		*34-140*	*%REC*	1	02/17/12 07:22 PM
Surr: 2-Fluorobiphenyl	*69.9*		*12-100*	*%REC*	1	02/17/12 07:22 PM
Surr: 2-Fluorophenol	*78.2*		*33-117*	*%REC*	1	02/17/12 07:22 PM
Surr: 4-Terphenyl-d14	*93.0*		*25-137*	*%REC*	1	02/17/12 07:22 PM
Surr: Nitrobenzene-d5	*74.1*		*37-107*	*%REC*	1	02/17/12 07:22 PM
Surr: Phenol-d6	*79.4*		*40-106*	*%REC*	1	02/17/12 07:22 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **RS**
1,1,1-Trichloroethane	ND		0.057	mg/Kg-dry	50	02/17/12 03:21 PM
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg-dry	50	02/17/12 03:21 PM
1,1,2-Trichloroethane	ND		0.11	mg/Kg-dry	50	02/17/12 03:21 PM
1,1,2-Trichlorotrifluoroethane	ND		0.057	mg/Kg-dry	50	02/17/12 03:21 PM
1,1-Dichloroethane	ND		0.057	mg/Kg-dry	50	02/17/12 03:21 PM
1,1-Dichloroethene	ND		0.057	mg/Kg-dry	50	02/17/12 03:21 PM
1,2,4-Trichlorobenzene	ND		0.057	mg/Kg-dry	50	02/17/12 03:21 PM
1,2-Dibromo-3-chloropropane	ND		0.11	mg/Kg-dry	50	02/17/12 03:21 PM
1,2-Dibromoethane	ND		0.086	mg/Kg-dry	50	02/17/12 03:21 PM
1,2-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/17/12 03:21 PM
1,2-Dichloroethane	ND		0.057	mg/Kg-dry	50	02/17/12 03:21 PM
1,2-Dichloropropane	ND		0.20	mg/Kg-dry	50	02/17/12 03:21 PM
1,3-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/17/12 03:21 PM
1,4-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/17/12 03:21 PM
2-Butanone	ND		0.43	mg/Kg-dry	50	02/17/12 03:21 PM
2-Hexanone	ND		0.29	mg/Kg-dry	50	02/17/12 03:21 PM
4-Methyl-2-pentanone	ND		0.29	mg/Kg-dry	50	02/17/12 03:21 PM
Acetone	ND		0.26	mg/Kg-dry	50	02/17/12 03:21 PM
Benzene	ND		0.057	mg/Kg-dry	50	02/17/12 03:21 PM
Bromodichloromethane	ND		0.086	mg/Kg-dry	50	02/17/12 03:21 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B04-S02-021312
Lab ID: 1202447-08
Collection Date: 02/13/12 03:10 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.057	mg/Kg-dry	50	02/17/12 03:21 PM
Bromomethane	ND		0.086	mg/Kg-dry	50	02/17/12 03:21 PM
Carbon disulfide	ND		0.086	mg/Kg-dry	50	02/17/12 03:21 PM
Carbon tetrachloride	ND		0.057	mg/Kg-dry	50	02/17/12 03:21 PM
Chlorobenzene	ND		0.086	mg/Kg-dry	50	02/17/12 03:21 PM
Chloroethane	ND		0.17	mg/Kg-dry	50	02/17/12 03:21 PM
Chloroform	ND		0.057	mg/Kg-dry	50	02/17/12 03:21 PM
Chloromethane	ND		0.17	mg/Kg-dry	50	02/17/12 03:21 PM
cis-1,2-Dichloroethene	ND		0.11	mg/Kg-dry	50	02/17/12 03:21 PM
cis-1,3-Dichloropropene	ND		0.057	mg/Kg-dry	50	02/17/12 03:21 PM
Cyclohexane	ND		0.057	mg/Kg-dry	50	02/17/12 03:21 PM
Dibromochloromethane	ND		0.11	mg/Kg-dry	50	02/17/12 03:21 PM
Dichlorodifluoromethane	ND		0.057	mg/Kg-dry	50	02/17/12 03:21 PM
Ethylbenzene	ND		0.11	mg/Kg-dry	50	02/17/12 03:21 PM
Isopropylbenzene	ND		0.057	mg/Kg-dry	50	02/17/12 03:21 PM
Methyl acetate	ND		0.21	mg/Kg-dry	50	02/17/12 03:21 PM
Methyl tert-butyl ether	ND		0.086	mg/Kg-dry	50	02/17/12 03:21 PM
Methylcyclohexane	ND		1.1	mg/Kg-dry	50	02/17/12 03:21 PM
Methylene chloride	ND		0.11	mg/Kg-dry	50	02/17/12 03:21 PM
Styrene	ND		0.086	mg/Kg-dry	50	02/17/12 03:21 PM
Tetrachloroethene	ND		0.057	mg/Kg-dry	50	02/17/12 03:21 PM
Toluene	ND		0.086	mg/Kg-dry	50	02/17/12 03:21 PM
trans-1,2-Dichloroethene	ND		0.057	mg/Kg-dry	50	02/17/12 03:21 PM
trans-1,3-Dichloropropene	ND		0.086	mg/Kg-dry	50	02/17/12 03:21 PM
Trichloroethene	ND		0.057	mg/Kg-dry	50	02/17/12 03:21 PM
Trichlorofluoromethane	ND		0.057	mg/Kg-dry	50	02/17/12 03:21 PM
Vinyl chloride	ND		0.11	mg/Kg-dry	50	02/17/12 03:21 PM
Xylenes, Total	ND		0.17	mg/Kg-dry	50	02/17/12 03:21 PM
Surr: 1,2-Dichloroethane-d4	*99.0*		*70-120*	*%REC*	50	02/17/12 03:21 PM
Surr: 4-Bromofluorobenzene	*99.8*		*75-120*	*%REC*	50	02/17/12 03:21 PM
Surr: Dibromofluoromethane	*93.0*		*85-115*	*%REC*	50	02/17/12 03:21 PM
Surr: Toluene-d8	*103*		*85-115*	*%REC*	50	02/17/12 03:21 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **02/20/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.56	mg/Kg-dry	1	02/21/12 02:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**13**		**0.050**	**% of sample**	1	02/16/12 01:42 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B05-S01-021312 **Lab ID:** 1202447-09
Collection Date: 02/13/12 06:10 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **02/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0055	mg/Kg-dry	1	02/21/12 01:38 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/21/12 01:38 PM
2,4-D	ND		0.0055	mg/Kg-dry	1	02/21/12 01:38 PM
Surr: DCAA	*91.0*		*30-150*	*%REC*	1	02/21/12 01:38 PM
PCBS			**SW8082**		Prep Date: **02/20/12**	Analyst: **JD**
Aroclor 1016	ND		0.044	mg/Kg-dry	1	02/24/12 01:02 AM
Aroclor 1221	ND		0.044	mg/Kg-dry	1	02/24/12 01:02 AM
Aroclor 1232	ND		0.044	mg/Kg-dry	1	02/24/12 01:02 AM
Aroclor 1242	ND		0.044	mg/Kg-dry	1	02/24/12 01:02 AM
Aroclor 1248	ND		0.044	mg/Kg-dry	1	02/24/12 01:02 AM
Aroclor 1254	ND		0.044	mg/Kg-dry	1	02/24/12 01:02 AM
Aroclor 1260	ND		0.044	mg/Kg-dry	1	02/24/12 01:02 AM
Surr: Decachlorobiphenyl	*86.1*		*40-140*	*%REC*	1	02/24/12 01:02 AM
PESTICIDES			**SW8081**		Prep Date: **02/20/12**	Analyst: **JD**
4,4´-DDD	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
4,4´-DDE	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
4,4´-DDT	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Aldrin	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
alpha-BHC	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
alpha-Chlordane	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
beta-BHC	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Chlordane, Technical	ND		0.28	mg/Kg-dry	10	02/22/12 05:12 PM
delta-BHC	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Dieldrin	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Endosulfan I	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Endosulfan II	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Endosulfan sulfate	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Endrin	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Endrin aldehyde	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Endrin ketone	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
gamma-BHC (Lindane)	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
gamma-Chlordane	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Heptachlor	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Heptachlor epoxide	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Methoxychlor	ND		0.11	mg/Kg-dry	10	02/22/12 05:12 PM
Toxaphene	ND		0.66	mg/Kg-dry	10	02/22/12 05:12 PM
Surr: Decachlorobiphenyl	*90.1*		*45-135*	*%REC*	10	02/22/12 05:12 PM
Surr: Tetrachloro-m-xylene	*110*		*45-124*	*%REC*	10	02/22/12 05:12 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B05-S01-021312 **Lab ID:** 1202447-09
Collection Date: 02/13/12 06:10 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **02/17/12**	Analyst: **LR**
Mercury	**0.038**		**0.018**	**mg/Kg-dry**	1	02/17/12 03:24 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **02/20/12**	Analyst: **RH**
Aluminum	**6,600**		**1.5**	**mg/Kg-dry**	2	02/21/12 09:20 PM
Antimony	ND		0.73	mg/Kg-dry	2	02/21/12 09:20 PM
Arsenic	**5.1**		**0.73**	**mg/Kg-dry**	2	02/21/12 09:20 PM
Barium	**47**		**0.73**	**mg/Kg-dry**	2	02/21/12 09:20 PM
Beryllium	ND		2.9	mg/Kg-dry	20	02/22/12 04:11 PM
Boron	ND		29	mg/Kg-dry	20	02/22/12 04:11 PM
Cadmium	ND		0.29	mg/Kg-dry	2	02/21/12 09:20 PM
Calcium	**6,900**		**73**	**mg/Kg-dry**	2	02/21/12 09:20 PM
Chromium	**9.3**		**0.73**	**mg/Kg-dry**	2	02/21/12 09:20 PM
Cobalt	**5.2**		**0.73**	**mg/Kg-dry**	2	02/21/12 09:20 PM
Copper	**12**		**0.73**	**mg/Kg-dry**	2	02/21/12 09:20 PM
Iron	**22,000**		**12**	**mg/Kg-dry**	2	02/21/12 09:20 PM
Lead	**30**		**0.73**	**mg/Kg-dry**	2	02/21/12 09:20 PM
Magnesium	**2,400**		**29**	**mg/Kg-dry**	2	02/21/12 09:20 PM
Manganese	**410**		**7.3**	**mg/Kg-dry**	20	02/22/12 04:11 PM
Nickel	**14**		**0.73**	**mg/Kg-dry**	2	02/21/12 09:20 PM
Potassium	**560**		**29**	**mg/Kg-dry**	2	02/21/12 09:20 PM
Selenium	**0.92**		**0.73**	**mg/Kg-dry**	2	02/21/12 09:20 PM
Silver	ND		0.73	mg/Kg-dry	2	02/21/12 09:20 PM
Sodium	**81**		**29**	**mg/Kg-dry**	2	02/21/12 09:20 PM
Thallium	ND		0.73	mg/Kg-dry	2	02/21/12 09:20 PM
Vanadium	**14**		**0.73**	**mg/Kg-dry**	2	02/21/12 09:20 PM
Zinc	**68**		**1.5**	**mg/Kg-dry**	2	02/21/12 09:20 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **02/16/12**	Analyst: **HL**
1,1`-Biphenyl	ND		3.7	mg/Kg-dry	10	02/18/12 12:06 PM
2,4,5-Trichlorophenol	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
2,4,6-Trichlorophenol	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
2,4-Dichlorophenol	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
2,4-Dimethylphenol	ND		3.7	mg/Kg-dry	10	02/18/12 12:06 PM
2,4-Dinitrophenol	ND		7.3	mg/Kg-dry	10	02/18/12 12:06 PM
2,4-Dinitrotoluene	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
2,6-Dinitrotoluene	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
2-Chloronaphthalene	ND		0.89	mg/Kg-dry	10	02/18/12 12:06 PM
2-Chlorophenol	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
2-Methylnaphthalene	ND		0.89	mg/Kg-dry	10	02/18/12 12:06 PM
2-Methylphenol	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B05-S01-021312
Lab ID: 1202447-09
Collection Date: 02/13/12 06:10 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		7.3	mg/Kg-dry	10	02/18/12 12:06 PM
2-Nitrophenol	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
3,3´-Dichlorobenzidine	ND		7.3	mg/Kg-dry	10	02/18/12 12:06 PM
3-Nitroaniline	ND		7.3	mg/Kg-dry	10	02/18/12 12:06 PM
4,6-Dinitro-2-methylphenol	ND		3.7	mg/Kg-dry	10	02/18/12 12:06 PM
4-Bromophenyl phenyl ether	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
4-Chloro-3-methylphenol	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
4-Chloroaniline	ND		7.3	mg/Kg-dry	10	02/18/12 12:06 PM
4-Chlorophenyl phenyl ether	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
4-Methylphenol	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
4-Nitroaniline	ND		7.3	mg/Kg-dry	10	02/18/12 12:06 PM
4-Nitrophenol	ND		7.3	mg/Kg-dry	10	02/18/12 12:06 PM
Acenaphthene	ND		0.33	mg/Kg-dry	10	02/18/12 12:06 PM
Acenaphthylene	ND		0.33	mg/Kg-dry	10	02/18/12 12:06 PM
Acetophenone	ND		3.7	mg/Kg-dry	10	02/18/12 12:06 PM
Anthracene	ND		0.33	mg/Kg-dry	10	02/18/12 12:06 PM
Atrazine	ND		3.7	mg/Kg-dry	10	02/18/12 12:06 PM
Benzaldehyde	ND		3.7	mg/Kg-dry	10	02/18/12 12:06 PM
Benzo(a)anthracene	**1.5**		**0.33**	**mg/Kg-dry**	10	02/18/12 12:06 PM
Benzo(a)pyrene	**2.3**		**0.33**	**mg/Kg-dry**	10	02/18/12 12:06 PM
Benzo(b)fluoranthene	**3.3**		**0.33**	**mg/Kg-dry**	10	02/18/12 12:06 PM
Benzo(g,h,i)perylene	**1.6**		**0.33**	**mg/Kg-dry**	10	02/18/12 12:06 PM
Benzo(k)fluoranthene	**1.2**		**0.33**	**mg/Kg-dry**	10	02/18/12 12:06 PM
Bis(2-chloroethoxy)methane	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
Bis(2-chloroethyl)ether	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
Bis(2-chloroisopropyl)ether	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
Bis(2-ethylhexyl)phthalate	ND		3.7	mg/Kg-dry	10	02/18/12 12:06 PM
Butyl benzyl phthalate	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
Caprolactam	ND		3.7	mg/Kg-dry	10	02/18/12 12:06 PM
Carbazole	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
Chrysene	**1.7**		**0.33**	**mg/Kg-dry**	10	02/18/12 12:06 PM
Dibenzo(a,h)anthracene	**0.42**		**0.33**	**mg/Kg-dry**	10	02/18/12 12:06 PM
Dibenzofuran	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
Diethyl phthalate	ND		3.7	mg/Kg-dry	10	02/18/12 12:06 PM
Dimethyl phthalate	ND		3.7	mg/Kg-dry	10	02/18/12 12:06 PM
Di-n-butyl phthalate	ND		3.7	mg/Kg-dry	10	02/18/12 12:06 PM
Di-n-octyl phthalate	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
Fluoranthene	**2.0**		**0.33**	**mg/Kg-dry**	10	02/18/12 12:06 PM
Fluorene	ND		0.33	mg/Kg-dry	10	02/18/12 12:06 PM
Hexachlorobenzene	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM

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

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B05-S01-021312 **Lab ID:** 1202447-09
Collection Date: 02/13/12 06:10 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
Hexachlorocyclopentadiene	ND		3.7	mg/Kg-dry	10	02/18/12 12:06 PM
Hexachloroethane	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
Indeno(1,2,3-cd)pyrene	**1.5**		**0.33**	**mg/Kg-dry**	10	02/18/12 12:06 PM
Isophorone	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
Naphthalene	ND		0.33	mg/Kg-dry	10	02/18/12 12:06 PM
Nitrobenzene	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
N-Nitrosodi-n-propylamine	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
N-Nitrosodiphenylamine	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
Pentachlorophenol	ND		3.7	mg/Kg-dry	10	02/18/12 12:06 PM
Phenanthrene	**0.59**		**0.33**	**mg/Kg-dry**	10	02/18/12 12:06 PM
Phenol	ND		1.8	mg/Kg-dry	10	02/18/12 12:06 PM
Pyrene	**2.0**		**0.33**	**mg/Kg-dry**	10	02/18/12 12:06 PM
Surr: 2,4,6-Tribromophenol	*85.0*		*34-140*	*%REC*	10	02/18/12 12:06 PM
Surr: 2-Fluorobiphenyl	*73.8*		*12-100*	*%REC*	10	02/18/12 12:06 PM
Surr: 2-Fluorophenol	*72.6*		*33-117*	*%REC*	10	02/18/12 12:06 PM
Surr: 4-Terphenyl-d14	*99.8*		*25-137*	*%REC*	10	02/18/12 12:06 PM
Surr: Nitrobenzene-d5	*68.4*		*37-107*	*%REC*	10	02/18/12 12:06 PM
Surr: Phenol-d6	*73.2*		*40-106*	*%REC*	10	02/18/12 12:06 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **RS**
1,1,1-Trichloroethane	ND		0.057	mg/Kg-dry	50	02/17/12 03:46 PM
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg-dry	50	02/17/12 03:46 PM
1,1,2-Trichloroethane	ND		0.11	mg/Kg-dry	50	02/17/12 03:46 PM
1,1,2-Trichlorotrifluoroethane	ND		0.057	mg/Kg-dry	50	02/17/12 03:46 PM
1,1-Dichloroethane	ND		0.057	mg/Kg-dry	50	02/17/12 03:46 PM
1,1-Dichloroethene	ND		0.057	mg/Kg-dry	50	02/17/12 03:46 PM
1,2,4-Trichlorobenzene	ND		0.057	mg/Kg-dry	50	02/17/12 03:46 PM
1,2-Dibromo-3-chloropropane	ND		0.11	mg/Kg-dry	50	02/17/12 03:46 PM
1,2-Dibromoethane	ND		0.085	mg/Kg-dry	50	02/17/12 03:46 PM
1,2-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/17/12 03:46 PM
1,2-Dichloroethane	ND		0.057	mg/Kg-dry	50	02/17/12 03:46 PM
1,2-Dichloropropane	ND		0.20	mg/Kg-dry	50	02/17/12 03:46 PM
1,3-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/17/12 03:46 PM
1,4-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/17/12 03:46 PM
2-Butanone	ND		0.42	mg/Kg-dry	50	02/17/12 03:46 PM
2-Hexanone	ND		0.28	mg/Kg-dry	50	02/17/12 03:46 PM
4-Methyl-2-pentanone	ND		0.28	mg/Kg-dry	50	02/17/12 03:46 PM
Acetone	ND		0.25	mg/Kg-dry	50	02/17/12 03:46 PM
Benzene	ND		0.057	mg/Kg-dry	50	02/17/12 03:46 PM
Bromodichloromethane	ND		0.085	mg/Kg-dry	50	02/17/12 03:46 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B05-S01-021312 **Lab ID:** 1202447-09
Collection Date: 02/13/12 06:10 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.057	mg/Kg-dry	50	02/17/12 03:46 PM
Bromomethane	ND		0.085	mg/Kg-dry	50	02/17/12 03:46 PM
Carbon disulfide	ND		0.085	mg/Kg-dry	50	02/17/12 03:46 PM
Carbon tetrachloride	ND		0.057	mg/Kg-dry	50	02/17/12 03:46 PM
Chlorobenzene	ND		0.085	mg/Kg-dry	50	02/17/12 03:46 PM
Chloroethane	ND		0.17	mg/Kg-dry	50	02/17/12 03:46 PM
Chloroform	ND		0.057	mg/Kg-dry	50	02/17/12 03:46 PM
Chloromethane	ND		0.17	mg/Kg-dry	50	02/17/12 03:46 PM
cis-1,2-Dichloroethene	ND		0.11	mg/Kg-dry	50	02/17/12 03:46 PM
cis-1,3-Dichloropropene	ND		0.057	mg/Kg-dry	50	02/17/12 03:46 PM
Cyclohexane	ND		0.057	mg/Kg-dry	50	02/17/12 03:46 PM
Dibromochloromethane	ND		0.11	mg/Kg-dry	50	02/17/12 03:46 PM
Dichlorodifluoromethane	ND		0.057	mg/Kg-dry	50	02/17/12 03:46 PM
Ethylbenzene	ND		0.11	mg/Kg-dry	50	02/17/12 03:46 PM
Isopropylbenzene	ND		0.057	mg/Kg-dry	50	02/17/12 03:46 PM
Methyl acetate	ND		0.19	mg/Kg-dry	50	02/17/12 03:46 PM
Methyl tert-butyl ether	ND		0.085	mg/Kg-dry	50	02/17/12 03:46 PM
Methylcyclohexane	ND		1.1	mg/Kg-dry	50	02/17/12 03:46 PM
Methylene chloride	ND		0.11	mg/Kg-dry	50	02/17/12 03:46 PM
Styrene	ND		0.085	mg/Kg-dry	50	02/17/12 03:46 PM
Tetrachloroethene	ND		0.057	mg/Kg-dry	50	02/17/12 03:46 PM
Toluene	ND		0.085	mg/Kg-dry	50	02/17/12 03:46 PM
trans-1,2-Dichloroethene	ND		0.057	mg/Kg-dry	50	02/17/12 03:46 PM
trans-1,3-Dichloropropene	ND		0.085	mg/Kg-dry	50	02/17/12 03:46 PM
Trichloroethene	ND		0.057	mg/Kg-dry	50	02/17/12 03:46 PM
Trichlorofluoromethane	ND		0.057	mg/Kg-dry	50	02/17/12 03:46 PM
Vinyl chloride	ND		0.11	mg/Kg-dry	50	02/17/12 03:46 PM
Xylenes, Total	ND		0.17	mg/Kg-dry	50	02/17/12 03:46 PM
Surr: 1,2-Dichloroethane-d4	*98.9*		*70-120*	*%REC*	50	02/17/12 03:46 PM
Surr: 4-Bromofluorobenzene	*99.7*		*75-120*	*%REC*	50	02/17/12 03:46 PM
Surr: Dibromofluoromethane	*93.0*		*85-115*	*%REC*	50	02/17/12 03:46 PM
Surr: Toluene-d8	*102*		*85-115*	*%REC*	50	02/17/12 03:46 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **02/20/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.56	mg/Kg-dry	1	02/21/12 02:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**12**		**0.050**	**% of sample**	1	02/16/12 01:42 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B01-S01-021312 **Lab ID:** 1202447-10
Collection Date: 02/13/12 05:30 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **02/21/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/21/12 05:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 05:51 PM
Surr: DCAA	*81.0*		*30-150*	*%REC*	1	02/21/12 05:51 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **02/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	02/23/12 02:24 AM
Endrin	ND		0.00050	mg/L	1	02/23/12 02:24 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/23/12 02:24 AM
Heptachlor	ND		0.00025	mg/L	1	02/23/12 02:24 AM
Methoxychlor	ND		0.0025	mg/L	1	02/23/12 02:24 AM
Toxaphene	ND		0.020	mg/L	1	02/23/12 02:24 AM
Surr: Decachlorobiphenyl	*81.0*		*30-135*	*%REC*	1	02/23/12 02:24 AM
Surr: Tetrachloro-m-xylene	*76.0*		*25-140*	*%REC*	1	02/23/12 02:24 AM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **02/20/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	02/20/12 02:09 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **02/19/12**	Analyst: **RH**
Arsenic	ND		0.010	mg/L	1	02/20/12 07:21 PM
Barium	**0.37**		**0.050**	**mg/L**	1	02/20/12 07:21 PM
Cadmium	ND		0.0020	mg/L	1	02/20/12 07:21 PM
Chromium	ND		0.020	mg/L	1	02/20/12 07:21 PM
Lead	ND		0.010	mg/L	1	02/20/12 07:21 PM
Selenium	ND		0.020	mg/L	1	02/20/12 07:21 PM
Silver	ND		0.0050	mg/L	1	02/20/12 07:21 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **02/20/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/21/12 06:22 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/21/12 06:22 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/21/12 06:22 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/21/12 06:22 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/21/12 06:22 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/21/12 06:22 PM
Hexachloroethane	ND		0.10	mg/L	1	02/21/12 06:22 PM
m-Cresol	ND		0.10	mg/L	1	02/21/12 06:22 PM
Nitrobenzene	ND		0.10	mg/L	1	02/21/12 06:22 PM
o-Cresol	ND		0.10	mg/L	1	02/21/12 06:22 PM
p-Cresol	ND		0.10	mg/L	1	02/21/12 06:22 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/21/12 06:22 PM
Pyridine	ND		0.40	mg/L	1	02/21/12 06:22 PM
Surr: 2,4,6-Tribromophenol	*74.1*		*21-125*	*%REC*	1	02/21/12 06:22 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B01-S01-021312
Lab ID: 1202447-10
Collection Date: 02/13/12 05:30 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*63.8*		*39-94*	*%REC*	1	02/21/12 06:22 PM
Surr: 2-Fluorophenol	*50.0*		*10-75*	*%REC*	1	02/21/12 06:22 PM
Surr: 4-Terphenyl-d14	*80.2*		*26-119*	*%REC*	1	02/21/12 06:22 PM
Surr: Nitrobenzene-d5	*71.3*		*41-104*	*%REC*	1	02/21/12 06:22 PM
Surr: Phenol-d6	*31.3*		*11-50*	*%REC*	1	02/21/12 06:22 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **02/17/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.020	mg/L	20	02/18/12 06:05 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/18/12 06:05 AM
2-Butanone	ND		0.20	mg/L	20	02/18/12 06:05 AM
Benzene	ND		0.020	mg/L	20	02/18/12 06:05 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/18/12 06:05 AM
Chlorobenzene	ND		0.020	mg/L	20	02/18/12 06:05 AM
Chloroform	ND		0.020	mg/L	20	02/18/12 06:05 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/18/12 06:05 AM
Trichloroethene	ND		0.020	mg/L	20	02/18/12 06:05 AM
Vinyl chloride	ND		0.020	mg/L	20	02/18/12 06:05 AM
Surr: 1,2-Dichloroethane-d4	*107*		*70-130*	*%REC*	20	02/18/12 06:05 AM
Surr: 4-Bromofluorobenzene	*89.5*		*70-130*	*%REC*	20	02/18/12 06:05 AM
Surr: Dibromofluoromethane	*101*		*70-130*	*%REC*	20	02/18/12 06:05 AM
Surr: Toluene-d8	*102*		*70-130*	*%REC*	20	02/18/12 06:05 AM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B01-S02-021312 **Lab ID:** 1202447-11
Collection Date: 02/13/12 05:40 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **02/21/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/21/12 05:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 05:51 PM
Surr: DCAA	*77.6*		*30-150*	*%REC*	1	02/21/12 05:51 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **02/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	02/23/12 02:39 AM
Endrin	ND		0.00050	mg/L	1	02/23/12 02:39 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/23/12 02:39 AM
Heptachlor	ND		0.00025	mg/L	1	02/23/12 02:39 AM
Methoxychlor	ND		0.0025	mg/L	1	02/23/12 02:39 AM
Toxaphene	ND		0.020	mg/L	1	02/23/12 02:39 AM
Surr: Decachlorobiphenyl	*78.0*		*30-135*	*%REC*	1	02/23/12 02:39 AM
Surr: Tetrachloro-m-xylene	*73.0*		*25-140*	*%REC*	1	02/23/12 02:39 AM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **02/20/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	02/20/12 02:11 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **02/19/12**	Analyst: **RH**
Arsenic	ND		0.010	mg/L	1	02/20/12 07:26 PM
Barium	**0.77**		**0.050**	**mg/L**	1	02/20/12 07:26 PM
Cadmium	**0.0050**		**0.0020**	**mg/L**	1	02/20/12 07:26 PM
Chromium	ND		0.020	mg/L	1	02/20/12 07:26 PM
Lead	ND		0.010	mg/L	1	02/20/12 07:26 PM
Selenium	ND		0.020	mg/L	1	02/20/12 07:26 PM
Silver	ND		0.0050	mg/L	1	02/20/12 07:26 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **02/20/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/21/12 06:55 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/21/12 06:55 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/21/12 06:55 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/21/12 06:55 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/21/12 06:55 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/21/12 06:55 PM
Hexachloroethane	ND		0.10	mg/L	1	02/21/12 06:55 PM
m-Cresol	ND		0.10	mg/L	1	02/21/12 06:55 PM
Nitrobenzene	ND		0.10	mg/L	1	02/21/12 06:55 PM
o-Cresol	ND		0.10	mg/L	1	02/21/12 06:55 PM
p-Cresol	ND		0.10	mg/L	1	02/21/12 06:55 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/21/12 06:55 PM
Pyridine	ND		0.40	mg/L	1	02/21/12 06:55 PM
Surr: 2,4,6-Tribromophenol	*77.5*		*21-125*	*%REC*	1	02/21/12 06:55 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B01-S02-021312
Lab ID: 1202447-11
Collection Date: 02/13/12 05:40 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*67.7*		*39-94*	*%REC*	1	02/21/12 06:55 PM
Surr: 2-Fluorophenol	*48.7*		*10-75*	*%REC*	1	02/21/12 06:55 PM
Surr: 4-Terphenyl-d14	*79.5*		*26-119*	*%REC*	1	02/21/12 06:55 PM
Surr: Nitrobenzene-d5	*75.1*		*41-104*	*%REC*	1	02/21/12 06:55 PM
Surr: Phenol-d6	*30.4*		*11-50*	*%REC*	1	02/21/12 06:55 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **02/17/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.020	mg/L	20	02/18/12 06:29 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/18/12 06:29 AM
2-Butanone	ND		0.20	mg/L	20	02/18/12 06:29 AM
Benzene	ND		0.020	mg/L	20	02/18/12 06:29 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/18/12 06:29 AM
Chlorobenzene	ND		0.020	mg/L	20	02/18/12 06:29 AM
Chloroform	ND		0.020	mg/L	20	02/18/12 06:29 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/18/12 06:29 AM
Trichloroethene	ND		0.020	mg/L	20	02/18/12 06:29 AM
Vinyl chloride	ND		0.020	mg/L	20	02/18/12 06:29 AM
Surr: 1,2-Dichloroethane-d4	*106*		*70-130*	*%REC*	20	02/18/12 06:29 AM
Surr: 4-Bromofluorobenzene	*89.6*		*70-130*	*%REC*	20	02/18/12 06:29 AM
Surr: Dibromofluoromethane	*98.6*		*70-130*	*%REC*	20	02/18/12 06:29 AM
Surr: Toluene-d8	*104*		*70-130*	*%REC*	20	02/18/12 06:29 AM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B02-S01-021312 **Lab ID:** 1202447-12
Collection Date: 02/13/12 03:32 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **02/21/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/21/12 05:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 05:51 PM
Surr: DCAA	*86.6*		*30-150*	*%REC*	1	02/21/12 05:51 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **02/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	02/23/12 02:54 AM
Endrin	ND		0.00050	mg/L	1	02/23/12 02:54 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/23/12 02:54 AM
Heptachlor	ND		0.00025	mg/L	1	02/23/12 02:54 AM
Methoxychlor	ND		0.0025	mg/L	1	02/23/12 02:54 AM
Toxaphene	ND		0.020	mg/L	1	02/23/12 02:54 AM
Surr: Decachlorobiphenyl	*68.0*		*30-135*	*%REC*	1	02/23/12 02:54 AM
Surr: Tetrachloro-m-xylene	*76.0*		*25-140*	*%REC*	1	02/23/12 02:54 AM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **02/20/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	02/20/12 02:14 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **02/19/12**	Analyst: **RH**
Arsenic	ND		0.010	mg/L	1	02/20/12 07:30 PM
Barium	**0.63**		**0.050**	**mg/L**	1	02/20/12 07:30 PM
Cadmium	**0.0059**		**0.0020**	**mg/L**	1	02/20/12 07:30 PM
Chromium	ND		0.020	mg/L	1	02/20/12 07:30 PM
Lead	**0.016**		**0.010**	**mg/L**	1	02/20/12 07:30 PM
Selenium	ND		0.020	mg/L	1	02/20/12 07:30 PM
Silver	ND		0.0050	mg/L	1	02/20/12 07:30 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **02/20/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/21/12 07:28 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/21/12 07:28 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/21/12 07:28 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/21/12 07:28 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/21/12 07:28 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/21/12 07:28 PM
Hexachloroethane	ND		0.10	mg/L	1	02/21/12 07:28 PM
m-Cresol	ND		0.10	mg/L	1	02/21/12 07:28 PM
Nitrobenzene	ND		0.10	mg/L	1	02/21/12 07:28 PM
o-Cresol	ND		0.10	mg/L	1	02/21/12 07:28 PM
p-Cresol	ND		0.10	mg/L	1	02/21/12 07:28 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/21/12 07:28 PM
Pyridine	ND		0.40	mg/L	1	02/21/12 07:28 PM
Surr: 2,4,6-Tribromophenol	*76.8*		*21-125*	*%REC*	1	02/21/12 07:28 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B02-S01-021312
Lab ID: 1202447-12
Collection Date: 02/13/12 03:32 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*68.4*		*39-94*	*%REC*	1	02/21/12 07:28 PM
Surr: 2-Fluorophenol	*51.4*		*10-75*	*%REC*	1	02/21/12 07:28 PM
Surr: 4-Terphenyl-d14	*81.9*		*26-119*	*%REC*	1	02/21/12 07:28 PM
Surr: Nitrobenzene-d5	*75.5*		*41-104*	*%REC*	1	02/21/12 07:28 PM
Surr: Phenol-d6	*32.4*		*11-50*	*%REC*	1	02/21/12 07:28 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **02/17/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.020	mg/L	20	02/18/12 06:52 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/18/12 06:52 AM
2-Butanone	ND		0.20	mg/L	20	02/18/12 06:52 AM
Benzene	ND		0.020	mg/L	20	02/18/12 06:52 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/18/12 06:52 AM
Chlorobenzene	ND		0.020	mg/L	20	02/18/12 06:52 AM
Chloroform	ND		0.020	mg/L	20	02/18/12 06:52 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/18/12 06:52 AM
Trichloroethene	ND		0.020	mg/L	20	02/18/12 06:52 AM
Vinyl chloride	ND		0.020	mg/L	20	02/18/12 06:52 AM
Surr: 1,2-Dichloroethane-d4	*106*		*70-130*	*%REC*	20	02/18/12 06:52 AM
Surr: 4-Bromofluorobenzene	*89.7*		*70-130*	*%REC*	20	02/18/12 06:52 AM
Surr: Dibromofluoromethane	*99.1*		*70-130*	*%REC*	20	02/18/12 06:52 AM
Surr: Toluene-d8	*103*		*70-130*	*%REC*	20	02/18/12 06:52 AM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B02-S02-021312 **Lab ID:** 1202447-13
Collection Date: 02/13/12 03:43 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **02/21/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/21/12 05:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 05:51 PM
Surr: DCAA	*80.4*		*30-150*	*%REC*	1	02/21/12 05:51 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **02/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	02/23/12 03:09 AM
Endrin	ND		0.00050	mg/L	1	02/23/12 03:09 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/23/12 03:09 AM
Heptachlor	ND		0.00025	mg/L	1	02/23/12 03:09 AM
Methoxychlor	ND		0.0025	mg/L	1	02/23/12 03:09 AM
Toxaphene	ND		0.020	mg/L	1	02/23/12 03:09 AM
Surr: Decachlorobiphenyl	*81.0*		*30-135*	*%REC*	1	02/23/12 03:09 AM
Surr: Tetrachloro-m-xylene	*79.0*		*25-140*	*%REC*	1	02/23/12 03:09 AM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **02/20/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	02/20/12 02:16 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **02/19/12**	Analyst: **RH**
Arsenic	ND		0.010	mg/L	1	02/20/12 07:35 PM
Barium	**1.7**		**0.050**	**mg/L**	1	02/20/12 07:35 PM
Cadmium	**0.0046**		**0.0020**	**mg/L**	1	02/20/12 07:35 PM
Chromium	ND		0.020	mg/L	1	02/20/12 07:35 PM
Lead	ND		0.010	mg/L	1	02/20/12 07:35 PM
Selenium	ND		0.020	mg/L	1	02/20/12 07:35 PM
Silver	ND		0.0050	mg/L	1	02/20/12 07:35 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **02/20/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/21/12 08:00 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/21/12 08:00 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/21/12 08:00 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/21/12 08:00 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/21/12 08:00 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/21/12 08:00 PM
Hexachloroethane	ND		0.10	mg/L	1	02/21/12 08:00 PM
m-Cresol	ND		0.10	mg/L	1	02/21/12 08:00 PM
Nitrobenzene	ND		0.10	mg/L	1	02/21/12 08:00 PM
o-Cresol	ND		0.10	mg/L	1	02/21/12 08:00 PM
p-Cresol	ND		0.10	mg/L	1	02/21/12 08:00 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/21/12 08:00 PM
Pyridine	ND		0.40	mg/L	1	02/21/12 08:00 PM
Surr: 2,4,6-Tribromophenol	*76.3*		*21-125*	*%REC*	1	02/21/12 08:00 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B02-S02-021312
Lab ID: 1202447-13
Collection Date: 02/13/12 03:43 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*67.4*		*39-94*	*%REC*	1	02/21/12 08:00 PM
Surr: 2-Fluorophenol	*46.4*		*10-75*	*%REC*	1	02/21/12 08:00 PM
Surr: 4-Terphenyl-d14	*80.0*		*26-119*	*%REC*	1	02/21/12 08:00 PM
Surr: Nitrobenzene-d5	*75.2*		*41-104*	*%REC*	1	02/21/12 08:00 PM
Surr: Phenol-d6	*29.2*		*11-50*	*%REC*	1	02/21/12 08:00 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **02/17/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.020	mg/L	20	02/18/12 07:16 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/18/12 07:16 AM
2-Butanone	ND		0.20	mg/L	20	02/18/12 07:16 AM
Benzene	ND		0.020	mg/L	20	02/18/12 07:16 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/18/12 07:16 AM
Chlorobenzene	ND		0.020	mg/L	20	02/18/12 07:16 AM
Chloroform	ND		0.020	mg/L	20	02/18/12 07:16 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/18/12 07:16 AM
Trichloroethene	ND		0.020	mg/L	20	02/18/12 07:16 AM
Vinyl chloride	ND		0.020	mg/L	20	02/18/12 07:16 AM
Surr: 1,2-Dichloroethane-d4	*105*		*70-130*	*%REC*	20	02/18/12 07:16 AM
Surr: 4-Bromofluorobenzene	*90.5*		*70-130*	*%REC*	20	02/18/12 07:16 AM
Surr: Dibromofluoromethane	*98.9*		*70-130*	*%REC*	20	02/18/12 07:16 AM
Surr: Toluene-d8	*103*		*70-130*	*%REC*	20	02/18/12 07:16 AM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B03-S01-021312 **Lab ID:** 1202447-14
Collection Date: 02/13/12 05:46 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **02/21/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/21/12 05:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 05:51 PM
Surr: DCAA	*76.6*		*30-150*	*%REC*	1	02/21/12 05:51 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **02/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	02/23/12 03:24 AM
Endrin	ND		0.00050	mg/L	1	02/23/12 03:24 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/23/12 03:24 AM
Heptachlor	ND		0.00025	mg/L	1	02/23/12 03:24 AM
Methoxychlor	ND		0.0025	mg/L	1	02/23/12 03:24 AM
Toxaphene	ND		0.020	mg/L	1	02/23/12 03:24 AM
Surr: Decachlorobiphenyl	*73.0*		*30-135*	*%REC*	1	02/23/12 03:24 AM
Surr: Tetrachloro-m-xylene	*68.0*		*25-140*	*%REC*	1	02/23/12 03:24 AM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **02/20/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	02/20/12 02:19 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **02/19/12**	Analyst: **RH**
Arsenic	ND		0.010	mg/L	1	02/20/12 07:40 PM
Barium	**1.3**		**0.050**	**mg/L**	1	02/20/12 07:40 PM
Cadmium	**0.0029**		**0.0020**	**mg/L**	1	02/20/12 07:40 PM
Chromium	ND		0.020	mg/L	1	02/20/12 07:40 PM
Lead	ND		0.010	mg/L	1	02/20/12 07:40 PM
Selenium	ND		0.020	mg/L	1	02/20/12 07:40 PM
Silver	ND		0.0050	mg/L	1	02/20/12 07:40 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **02/20/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/21/12 08:33 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/21/12 08:33 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/21/12 08:33 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/21/12 08:33 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/21/12 08:33 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/21/12 08:33 PM
Hexachloroethane	ND		0.10	mg/L	1	02/21/12 08:33 PM
m-Cresol	ND		0.10	mg/L	1	02/21/12 08:33 PM
Nitrobenzene	ND		0.10	mg/L	1	02/21/12 08:33 PM
o-Cresol	ND		0.10	mg/L	1	02/21/12 08:33 PM
p-Cresol	ND		0.10	mg/L	1	02/21/12 08:33 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/21/12 08:33 PM
Pyridine	ND		0.40	mg/L	1	02/21/12 08:33 PM
Surr: 2,4,6-Tribromophenol	*74.7*		*21-125*	*%REC*	1	02/21/12 08:33 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B03-S01-021312
Lab ID: 1202447-14
Collection Date: 02/13/12 05:46 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*66.6*		*39-94*	*%REC*	1	02/21/12 08:33 PM
Surr: 2-Fluorophenol	*46.6*		*10-75*	*%REC*	1	02/21/12 08:33 PM
Surr: 4-Terphenyl-d14	*80.1*		*26-119*	*%REC*	1	02/21/12 08:33 PM
Surr: Nitrobenzene-d5	*72.5*		*41-104*	*%REC*	1	02/21/12 08:33 PM
Surr: Phenol-d6	*29.8*		*11-50*	*%REC*	1	02/21/12 08:33 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **02/17/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.020	mg/L	20	02/18/12 07:40 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/18/12 07:40 AM
2-Butanone	ND		0.20	mg/L	20	02/18/12 07:40 AM
Benzene	ND		0.020	mg/L	20	02/18/12 07:40 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/18/12 07:40 AM
Chlorobenzene	ND		0.020	mg/L	20	02/18/12 07:40 AM
Chloroform	ND		0.020	mg/L	20	02/18/12 07:40 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/18/12 07:40 AM
Trichloroethene	ND		0.020	mg/L	20	02/18/12 07:40 AM
Vinyl chloride	ND		0.020	mg/L	20	02/18/12 07:40 AM
Surr: 1,2-Dichloroethane-d4	*106*		*70-130*	*%REC*	20	02/18/12 07:40 AM
Surr: 4-Bromofluorobenzene	*91.0*		*70-130*	*%REC*	20	02/18/12 07:40 AM
Surr: Dibromofluoromethane	*99.2*		*70-130*	*%REC*	20	02/18/12 07:40 AM
Surr: Toluene-d8	*103*		*70-130*	*%REC*	20	02/18/12 07:40 AM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B03-S02-021312 **Lab ID:** 1202447-15
Collection Date: 02/13/12 05:55 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **02/21/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/21/12 05:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 05:51 PM
Surr: DCAA	*84.6*		*30-150*	*%REC*	1	02/21/12 05:51 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **02/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	02/23/12 03:39 AM
Endrin	ND		0.00050	mg/L	1	02/23/12 03:39 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/23/12 03:39 AM
Heptachlor	ND		0.00025	mg/L	1	02/23/12 03:39 AM
Methoxychlor	ND		0.0025	mg/L	1	02/23/12 03:39 AM
Toxaphene	ND		0.020	mg/L	1	02/23/12 03:39 AM
Surr: Decachlorobiphenyl	*75.0*		*30-135*	*%REC*	1	02/23/12 03:39 AM
Surr: Tetrachloro-m-xylene	*73.0*		*25-140*	*%REC*	1	02/23/12 03:39 AM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **02/20/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	02/20/12 02:21 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **02/19/12**	Analyst: **RH**
Arsenic	ND		0.010	mg/L	1	02/20/12 07:55 PM
Barium	**0.56**		**0.050**	**mg/L**	1	02/20/12 07:55 PM
Cadmium	**0.0024**		**0.0020**	**mg/L**	1	02/20/12 07:55 PM
Chromium	ND		0.020	mg/L	1	02/20/12 07:55 PM
Lead	ND		0.010	mg/L	1	02/20/12 07:55 PM
Selenium	ND		0.020	mg/L	1	02/20/12 07:55 PM
Silver	ND		0.0050	mg/L	1	02/20/12 07:55 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **02/20/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/21/12 09:05 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/21/12 09:05 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/21/12 09:05 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/21/12 09:05 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/21/12 09:05 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/21/12 09:05 PM
Hexachloroethane	ND		0.10	mg/L	1	02/21/12 09:05 PM
m-Cresol	ND		0.10	mg/L	1	02/21/12 09:05 PM
Nitrobenzene	ND		0.10	mg/L	1	02/21/12 09:05 PM
o-Cresol	ND		0.10	mg/L	1	02/21/12 09:05 PM
p-Cresol	ND		0.10	mg/L	1	02/21/12 09:05 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/21/12 09:05 PM
Pyridine	ND		0.40	mg/L	1	02/21/12 09:05 PM
Surr: 2,4,6-Tribromophenol	*74.4*		*21-125*	*%REC*	1	02/21/12 09:05 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B03-S02-021312
Lab ID: 1202447-15
Collection Date: 02/13/12 05:55 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*66.8*		*39-94*	*%REC*	1	02/21/12 09:05 PM
Surr: 2-Fluorophenol	*47.5*		*10-75*	*%REC*	1	02/21/12 09:05 PM
Surr: 4-Terphenyl-d14	*77.0*		*26-119*	*%REC*	1	02/21/12 09:05 PM
Surr: Nitrobenzene-d5	*74.8*		*41-104*	*%REC*	1	02/21/12 09:05 PM
Surr: Phenol-d6	*29.9*		*11-50*	*%REC*	1	02/21/12 09:05 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **02/17/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.020	mg/L	20	02/18/12 08:03 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/18/12 08:03 AM
2-Butanone	ND		0.20	mg/L	20	02/18/12 08:03 AM
Benzene	ND		0.020	mg/L	20	02/18/12 08:03 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/18/12 08:03 AM
Chlorobenzene	ND		0.020	mg/L	20	02/18/12 08:03 AM
Chloroform	ND		0.020	mg/L	20	02/18/12 08:03 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/18/12 08:03 AM
Trichloroethene	ND		0.020	mg/L	20	02/18/12 08:03 AM
Vinyl chloride	ND		0.020	mg/L	20	02/18/12 08:03 AM
Surr: 1,2-Dichloroethane-d4	*105*		*70-130*	*%REC*	20	02/18/12 08:03 AM
Surr: 4-Bromofluorobenzene	*90.1*		*70-130*	*%REC*	20	02/18/12 08:03 AM
Surr: Dibromofluoromethane	*99.4*		*70-130*	*%REC*	20	02/18/12 08:03 AM
Surr: Toluene-d8	*103*		*70-130*	*%REC*	20	02/18/12 08:03 AM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B04-S01-021312 **Lab ID:** 1202447-16
Collection Date: 02/13/12 03:00 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **02/21/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/21/12 05:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 05:51 PM
Surr: DCAA	*93.0*		*30-150*	*%REC*	1	02/21/12 05:51 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **02/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	02/23/12 03:54 AM
Endrin	ND		0.00050	mg/L	1	02/23/12 03:54 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/23/12 03:54 AM
Heptachlor	ND		0.00025	mg/L	1	02/23/12 03:54 AM
Methoxychlor	ND		0.0025	mg/L	1	02/23/12 03:54 AM
Toxaphene	ND		0.020	mg/L	1	02/23/12 03:54 AM
Surr: Decachlorobiphenyl	*73.0*		*30-135*	*%REC*	1	02/23/12 03:54 AM
Surr: Tetrachloro-m-xylene	*76.0*		*25-140*	*%REC*	1	02/23/12 03:54 AM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **02/20/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	02/20/12 02:23 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **02/19/12**	Analyst: **RH**
Arsenic	ND		0.010	mg/L	1	02/20/12 08:00 PM
Barium	**0.45**		**0.050**	**mg/L**	1	02/20/12 08:00 PM
Cadmium	ND		0.0020	mg/L	1	02/20/12 08:00 PM
Chromium	ND		0.020	mg/L	1	02/20/12 08:00 PM
Lead	ND		0.010	mg/L	1	02/20/12 08:00 PM
Selenium	ND		0.020	mg/L	1	02/20/12 08:00 PM
Silver	ND		0.0050	mg/L	1	02/20/12 08:00 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **02/20/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/21/12 09:38 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/21/12 09:38 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/21/12 09:38 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/21/12 09:38 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/21/12 09:38 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/21/12 09:38 PM
Hexachloroethane	ND		0.10	mg/L	1	02/21/12 09:38 PM
m-Cresol	ND		0.10	mg/L	1	02/21/12 09:38 PM
Nitrobenzene	ND		0.10	mg/L	1	02/21/12 09:38 PM
o-Cresol	ND		0.10	mg/L	1	02/21/12 09:38 PM
p-Cresol	ND		0.10	mg/L	1	02/21/12 09:38 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/21/12 09:38 PM
Pyridine	ND		0.40	mg/L	1	02/21/12 09:38 PM
Surr: 2,4,6-Tribromophenol	*72.7*		*21-125*	*%REC*	1	02/21/12 09:38 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B04-S01-021312
Lab ID: 1202447-16
Collection Date: 02/13/12 03:00 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*64.6*		*39-94*	*%REC*	1	02/21/12 09:38 PM
Surr: 2-Fluorophenol	*44.9*		*10-75*	*%REC*	1	02/21/12 09:38 PM
Surr: 4-Terphenyl-d14	*75.1*		*26-119*	*%REC*	1	02/21/12 09:38 PM
Surr: Nitrobenzene-d5	*70.4*		*41-104*	*%REC*	1	02/21/12 09:38 PM
Surr: Phenol-d6	*28.4*		*11-50*	*%REC*	1	02/21/12 09:38 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **02/17/12**	Analyst: **BG**
1,1-Dichloroethene	ND		0.020	mg/L	20	02/21/12 07:21 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/21/12 07:21 AM
2-Butanone	ND		0.20	mg/L	20	02/21/12 07:21 AM
Benzene	ND		0.020	mg/L	20	02/21/12 07:21 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/21/12 07:21 AM
Chlorobenzene	ND		0.020	mg/L	20	02/21/12 07:21 AM
Chloroform	ND		0.020	mg/L	20	02/21/12 07:21 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/21/12 07:21 AM
Trichloroethene	ND		0.020	mg/L	20	02/21/12 07:21 AM
Vinyl chloride	ND		0.020	mg/L	20	02/21/12 07:21 AM
Surr: 1,2-Dichloroethane-d4	*110*		*70-130*	*%REC*	20	02/21/12 07:21 AM
Surr: 4-Bromofluorobenzene	*93.9*		*70-130*	*%REC*	20	02/21/12 07:21 AM
Surr: Dibromofluoromethane	*104*		*70-130*	*%REC*	20	02/21/12 07:21 AM
Surr: Toluene-d8	*95.2*		*70-130*	*%REC*	20	02/21/12 07:21 AM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B04-S02-021312 **Lab ID:** 1202447-17
Collection Date: 02/13/12 03:10 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **02/21/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/21/12 05:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 05:51 PM
Surr: DCAA	*82.0*		*30-150*	*%REC*	1	02/21/12 05:51 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **02/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	02/23/12 04:09 AM
Endrin	ND		0.00050	mg/L	1	02/23/12 04:09 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/23/12 04:09 AM
Heptachlor	ND		0.00025	mg/L	1	02/23/12 04:09 AM
Methoxychlor	ND		0.0025	mg/L	1	02/23/12 04:09 AM
Toxaphene	ND		0.020	mg/L	1	02/23/12 04:09 AM
Surr: Decachlorobiphenyl	*72.0*		*30-135*	*%REC*	1	02/23/12 04:09 AM
Surr: Tetrachloro-m-xylene	*78.0*		*25-140*	*%REC*	1	02/23/12 04:09 AM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **02/20/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	02/20/12 02:31 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **02/19/12**	Analyst: **RH**
Arsenic	ND		0.010	mg/L	1	02/20/12 08:05 PM
Barium	**1.8**		**0.050**	**mg/L**	1	02/20/12 08:05 PM
Cadmium	**0.0089**		**0.0020**	**mg/L**	1	02/20/12 08:05 PM
Chromium	ND		0.020	mg/L	1	02/20/12 08:05 PM
Lead	ND		0.010	mg/L	1	02/20/12 08:05 PM
Selenium	ND		0.020	mg/L	1	02/20/12 08:05 PM
Silver	ND		0.0050	mg/L	1	02/20/12 08:05 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **02/20/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/21/12 10:10 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/21/12 10:10 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/21/12 10:10 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/21/12 10:10 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/21/12 10:10 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/21/12 10:10 PM
Hexachloroethane	ND		0.10	mg/L	1	02/21/12 10:10 PM
m-Cresol	ND		0.10	mg/L	1	02/21/12 10:10 PM
Nitrobenzene	ND		0.10	mg/L	1	02/21/12 10:10 PM
o-Cresol	ND		0.10	mg/L	1	02/21/12 10:10 PM
p-Cresol	ND		0.10	mg/L	1	02/21/12 10:10 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/21/12 10:10 PM
Pyridine	ND		0.40	mg/L	1	02/21/12 10:10 PM
Surr: 2,4,6-Tribromophenol	*69.3*		*21-125*	*%REC*	1	02/21/12 10:10 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B04-S02-021312
Lab ID: 1202447-17
Collection Date: 02/13/12 03:10 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*64.3*		*39-94*	*%REC*	1	02/21/12 10:10 PM
Surr: 2-Fluorophenol	*42.0*		*10-75*	*%REC*	1	02/21/12 10:10 PM
Surr: 4-Terphenyl-d14	*74.2*		*26-119*	*%REC*	1	02/21/12 10:10 PM
Surr: Nitrobenzene-d5	*68.9*		*41-104*	*%REC*	1	02/21/12 10:10 PM
Surr: Phenol-d6	*26.2*		*11-50*	*%REC*	1	02/21/12 10:10 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **02/17/12**	Analyst: **BG**
1,1-Dichloroethene	ND		0.020	mg/L	20	02/21/12 07:45 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/21/12 07:45 AM
2-Butanone	ND		0.20	mg/L	20	02/21/12 07:45 AM
Benzene	ND		0.020	mg/L	20	02/21/12 07:45 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/21/12 07:45 AM
Chlorobenzene	ND		0.020	mg/L	20	02/21/12 07:45 AM
Chloroform	ND		0.020	mg/L	20	02/21/12 07:45 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/21/12 07:45 AM
Trichloroethene	ND		0.020	mg/L	20	02/21/12 07:45 AM
Vinyl chloride	ND		0.020	mg/L	20	02/21/12 07:45 AM
Surr: 1,2-Dichloroethane-d4	*110*		*70-130*	*%REC*	20	02/21/12 07:45 AM
Surr: 4-Bromofluorobenzene	*94.3*		*70-130*	*%REC*	20	02/21/12 07:45 AM
Surr: Dibromofluoromethane	*105*		*70-130*	*%REC*	20	02/21/12 07:45 AM
Surr: Toluene-d8	*94.4*		*70-130*	*%REC*	20	02/21/12 07:45 AM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: FP-B05-S01-021312 **Lab ID:** 1202447-18
Collection Date: 02/13/12 06:10 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **02/21/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/21/12 05:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 05:51 PM
Surr: DCAA	*73.6*		*30-150*	*%REC*	1	02/21/12 05:51 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **02/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	02/23/12 04:23 AM
Endrin	ND		0.00050	mg/L	1	02/23/12 04:23 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/23/12 04:23 AM
Heptachlor	ND		0.00025	mg/L	1	02/23/12 04:23 AM
Methoxychlor	ND		0.0025	mg/L	1	02/23/12 04:23 AM
Toxaphene	ND		0.020	mg/L	1	02/23/12 04:23 AM
Surr: Decachlorobiphenyl	*85.0*		*30-135*	*%REC*	1	02/23/12 04:23 AM
Surr: Tetrachloro-m-xylene	*83.0*		*25-140*	*%REC*	1	02/23/12 04:23 AM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **02/20/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	02/20/12 02:33 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **02/19/12**	Analyst: **RH**
Arsenic	ND		0.010	mg/L	1	02/20/12 08:10 PM
Barium	**0.73**		**0.050**	**mg/L**	1	02/20/12 08:10 PM
Cadmium	**0.0051**		**0.0020**	**mg/L**	1	02/20/12 08:10 PM
Chromium	ND		0.020	mg/L	1	02/20/12 08:10 PM
Lead	**0.021**		**0.010**	**mg/L**	1	02/20/12 08:10 PM
Selenium	ND		0.020	mg/L	1	02/20/12 08:10 PM
Silver	ND		0.0050	mg/L	1	02/20/12 08:10 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **02/20/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/21/12 10:43 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/21/12 10:43 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/21/12 10:43 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/21/12 10:43 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/21/12 10:43 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/21/12 10:43 PM
Hexachloroethane	ND		0.10	mg/L	1	02/21/12 10:43 PM
m-Cresol	ND		0.10	mg/L	1	02/21/12 10:43 PM
Nitrobenzene	ND		0.10	mg/L	1	02/21/12 10:43 PM
o-Cresol	ND		0.10	mg/L	1	02/21/12 10:43 PM
p-Cresol	ND		0.10	mg/L	1	02/21/12 10:43 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/21/12 10:43 PM
Pyridine	ND		0.40	mg/L	1	02/21/12 10:43 PM
Surr: 2,4,6-Tribromophenol	*74.3*		*21-125*	*%REC*	1	02/21/12 10:43 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: FP-B05-S01-021312
Lab ID: 1202447-18
Collection Date: 02/13/12 06:10 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*66.6*		*39-94*	*%REC*	1	02/21/12 10:43 PM
Surr: 2-Fluorophenol	*47.8*		*10-75*	*%REC*	1	02/21/12 10:43 PM
Surr: 4-Terphenyl-d14	*76.1*		*26-119*	*%REC*	1	02/21/12 10:43 PM
Surr: Nitrobenzene-d5	*71.8*		*41-104*	*%REC*	1	02/21/12 10:43 PM
Surr: Phenol-d6	*30.5*		*11-50*	*%REC*	1	02/21/12 10:43 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **02/17/12**	Analyst: **BG**
1,1-Dichloroethene	ND		0.020	mg/L	20	02/21/12 08:09 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/21/12 08:09 AM
2-Butanone	ND		0.20	mg/L	20	02/21/12 08:09 AM
Benzene	ND		0.020	mg/L	20	02/21/12 08:09 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/21/12 08:09 AM
Chlorobenzene	ND		0.020	mg/L	20	02/21/12 08:09 AM
Chloroform	ND		0.020	mg/L	20	02/21/12 08:09 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/21/12 08:09 AM
Trichloroethene	ND		0.020	mg/L	20	02/21/12 08:09 AM
Vinyl chloride	ND		0.020	mg/L	20	02/21/12 08:09 AM
Surr: 1,2-Dichloroethane-d4	*113*		*70-130*	*%REC*	20	02/21/12 08:09 AM
Surr: 4-Bromofluorobenzene	*94.6*		*70-130*	*%REC*	20	02/21/12 08:09 AM
Surr: Dibromofluoromethane	*106*		*70-130*	*%REC*	20	02/21/12 08:09 AM
Surr: Toluene-d8	*94.8*		*70-130*	*%REC*	20	02/21/12 08:09 AM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B01-S01-021412 **Lab ID:** 1202447-19
Collection Date: 02/14/12 09:46 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **02/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0059	mg/Kg-dry	1	02/21/12 01:38 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/21/12 01:38 PM
2,4-D	ND		0.0059	mg/Kg-dry	1	02/21/12 01:38 PM
Surr: DCAA	*80.4*		*30-150*	*%REC*	1	02/21/12 01:38 PM
PCBS			**SW8082**		Prep Date: **02/20/12**	Analyst: **JD**
Aroclor 1016	ND		0.047	mg/Kg-dry	1	02/24/12 01:22 AM
Aroclor 1221	ND		0.047	mg/Kg-dry	1	02/24/12 01:22 AM
Aroclor 1232	ND		0.047	mg/Kg-dry	1	02/24/12 01:22 AM
Aroclor 1242	ND		0.047	mg/Kg-dry	1	02/24/12 01:22 AM
Aroclor 1248	ND		0.047	mg/Kg-dry	1	02/24/12 01:22 AM
Aroclor 1254	ND		0.047	mg/Kg-dry	1	02/24/12 01:22 AM
Aroclor 1260	ND		0.047	mg/Kg-dry	1	02/24/12 01:22 AM
Surr: Decachlorobiphenyl	*85.1*		*40-140*	*%REC*	1	02/24/12 01:22 AM
PESTICIDES			**SW8081**		Prep Date: **02/20/12**	Analyst: **JD**
4,4´-DDD	ND		0.24	mg/Kg-dry	20	02/22/12 05:12 PM
4,4´-DDE	ND		0.24	mg/Kg-dry	20	02/22/12 05:12 PM
4,4´-DDT	ND		0.24	mg/Kg-dry	20	02/22/12 05:12 PM
Aldrin	ND		0.24	mg/Kg-dry	20	02/22/12 05:12 PM
alpha-BHC	ND		0.24	mg/Kg-dry	20	02/22/12 05:12 PM
alpha-Chlordane	ND		0.24	mg/Kg-dry	20	02/22/12 05:12 PM
beta-BHC	ND		0.24	mg/Kg-dry	20	02/22/12 05:12 PM
Chlordane, Technical	ND		0.59	mg/Kg-dry	20	02/22/12 05:12 PM
delta-BHC	ND		0.24	mg/Kg-dry	20	02/22/12 05:12 PM
Dieldrin	ND		0.24	mg/Kg-dry	20	02/22/12 05:12 PM
Endosulfan I	ND		0.24	mg/Kg-dry	20	02/22/12 05:12 PM
Endosulfan II	ND		0.24	mg/Kg-dry	20	02/22/12 05:12 PM
Endosulfan sulfate	ND		0.24	mg/Kg-dry	20	02/22/12 05:12 PM
Endrin	ND		0.24	mg/Kg-dry	20	02/22/12 05:12 PM
Endrin aldehyde	ND		0.24	mg/Kg-dry	20	02/22/12 05:12 PM
Endrin ketone	ND		0.24	mg/Kg-dry	20	02/22/12 05:12 PM
gamma-BHC (Lindane)	ND		0.24	mg/Kg-dry	20	02/22/12 05:12 PM
gamma-Chlordane	ND		0.24	mg/Kg-dry	20	02/22/12 05:12 PM
Heptachlor	ND		0.24	mg/Kg-dry	20	02/22/12 05:12 PM
Heptachlor epoxide	ND		0.24	mg/Kg-dry	20	02/22/12 05:12 PM
Methoxychlor	ND		0.24	mg/Kg-dry	20	02/22/12 05:12 PM
Toxaphene	ND		1.4	mg/Kg-dry	20	02/22/12 05:12 PM
Surr: Decachlorobiphenyl	*80.1*		*45-135*	*%REC*	20	02/22/12 05:12 PM
Surr: Tetrachloro-m-xylene	*100*		*45-124*	*%REC*	20	02/22/12 05:12 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B01-S01-021412 **Lab ID:** 1202447-19
Collection Date: 02/14/12 09:46 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **02/17/12**	Analyst: **LR**
Mercury	**0.034**		**0.019**	**mg/Kg-dry**	1	02/17/12 03:27 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **02/20/12**	Analyst: **RH**
Aluminum	**11,000**		**1.7**	**mg/Kg-dry**	2	02/21/12 09:26 PM
Antimony	ND		0.85	mg/Kg-dry	2	02/21/12 09:26 PM
Arsenic	**5.4**		**0.85**	**mg/Kg-dry**	2	02/21/12 09:26 PM
Barium	**88**		**0.85**	**mg/Kg-dry**	2	02/21/12 09:26 PM
Beryllium	ND		3.4	mg/Kg-dry	20	02/22/12 04:17 PM
Boron	ND		34	mg/Kg-dry	20	02/22/12 04:17 PM
Cadmium	ND		0.34	mg/Kg-dry	2	02/21/12 09:26 PM
Calcium	**19,000**		**85**	**mg/Kg-dry**	2	02/21/12 09:26 PM
Chromium	**17**		**0.85**	**mg/Kg-dry**	2	02/21/12 09:26 PM
Cobalt	**10**		**0.85**	**mg/Kg-dry**	2	02/21/12 09:26 PM
Copper	**17**		**0.85**	**mg/Kg-dry**	2	02/21/12 09:26 PM
Iron	**19,000**		**14**	**mg/Kg-dry**	2	02/21/12 09:26 PM
Lead	**18**		**0.85**	**mg/Kg-dry**	2	02/21/12 09:26 PM
Magnesium	**7,300**		**34**	**mg/Kg-dry**	2	02/21/12 09:26 PM
Manganese	**340**		**8.5**	**mg/Kg-dry**	20	02/22/12 04:17 PM
Nickel	**19**		**0.85**	**mg/Kg-dry**	2	02/21/12 09:26 PM
Potassium	**1,700**		**34**	**mg/Kg-dry**	2	02/21/12 09:26 PM
Selenium	**1.2**		**0.85**	**mg/Kg-dry**	2	02/21/12 09:26 PM
Silver	ND		0.85	mg/Kg-dry	2	02/21/12 09:26 PM
Sodium	**57**		**34**	**mg/Kg-dry**	2	02/21/12 09:26 PM
Thallium	ND		0.85	mg/Kg-dry	2	02/21/12 09:26 PM
Vanadium	**28**		**0.85**	**mg/Kg-dry**	2	02/21/12 09:26 PM
Zinc	**53**		**1.7**	**mg/Kg-dry**	2	02/21/12 09:26 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **02/16/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.39	mg/Kg-dry	1	02/20/12 10:10 PM
2,4,5-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
2,4,6-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
2,4-Dichlorophenol	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
2,4-Dimethylphenol	ND		0.39	mg/Kg-dry	1	02/20/12 10:10 PM
2,4-Dinitrophenol	ND		0.78	mg/Kg-dry	1	02/20/12 10:10 PM
2,4-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
2,6-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
2-Chloronaphthalene	ND		0.094	mg/Kg-dry	1	02/20/12 10:10 PM
2-Chlorophenol	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
2-Methylnaphthalene	ND		0.094	mg/Kg-dry	1	02/20/12 10:10 PM
2-Methylphenol	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B01-S01-021412
Lab ID: 1202447-19
Collection Date: 02/14/12 09:46 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.78	mg/Kg-dry	1	02/20/12 10:10 PM
2-Nitrophenol	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
3,3´-Dichlorobenzidine	ND		0.78	mg/Kg-dry	1	02/20/12 10:10 PM
3-Nitroaniline	ND		0.78	mg/Kg-dry	1	02/20/12 10:10 PM
4,6-Dinitro-2-methylphenol	ND		0.39	mg/Kg-dry	1	02/20/12 10:10 PM
4-Bromophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
4-Chloro-3-methylphenol	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
4-Chloroaniline	ND		0.78	mg/Kg-dry	1	02/20/12 10:10 PM
4-Chlorophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
4-Methylphenol	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
4-Nitroaniline	ND		0.78	mg/Kg-dry	1	02/20/12 10:10 PM
4-Nitrophenol	ND		0.78	mg/Kg-dry	1	02/20/12 10:10 PM
Acenaphthene	ND		0.035	mg/Kg-dry	1	02/20/12 10:10 PM
Acenaphthylene	**0.040**		**0.035**	**mg/Kg-dry**	1	02/20/12 10:10 PM
Acetophenone	ND		0.39	mg/Kg-dry	1	02/20/12 10:10 PM
Anthracene	ND		0.035	mg/Kg-dry	1	02/20/12 10:10 PM
Atrazine	ND		0.39	mg/Kg-dry	1	02/20/12 10:10 PM
Benzaldehyde	ND		0.39	mg/Kg-dry	1	02/20/12 10:10 PM
Benzo(a)anthracene	**0.079**		**0.035**	**mg/Kg-dry**	1	02/20/12 10:10 PM
Benzo(a)pyrene	**0.11**		**0.035**	**mg/Kg-dry**	1	02/20/12 10:10 PM
Benzo(b)fluoranthene	**0.15**		**0.035**	**mg/Kg-dry**	1	02/20/12 10:10 PM
Benzo(g,h,i)perylene	**0.047**		**0.035**	**mg/Kg-dry**	1	02/20/12 10:10 PM
Benzo(k)fluoranthene	**0.065**		**0.035**	**mg/Kg-dry**	1	02/20/12 10:10 PM
Bis(2-chloroethoxy)methane	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
Bis(2-chloroethyl)ether	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
Bis(2-chloroisopropyl)ether	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
Bis(2-ethylhexyl)phthalate	ND		0.39	mg/Kg-dry	1	02/20/12 10:10 PM
Butyl benzyl phthalate	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
Caprolactam	ND		0.39	mg/Kg-dry	1	02/20/12 10:10 PM
Carbazole	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
Chrysene	**0.076**		**0.035**	**mg/Kg-dry**	1	02/20/12 10:10 PM
Dibenzo(a,h)anthracene	ND		0.035	mg/Kg-dry	1	02/20/12 10:10 PM
Dibenzofuran	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
Diethyl phthalate	ND		0.39	mg/Kg-dry	1	02/20/12 10:10 PM
Dimethyl phthalate	ND		0.39	mg/Kg-dry	1	02/20/12 10:10 PM
Di-n-butyl phthalate	ND		0.39	mg/Kg-dry	1	02/20/12 10:10 PM
Di-n-octyl phthalate	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
Fluoranthene	**0.083**		**0.035**	**mg/Kg-dry**	1	02/20/12 10:10 PM
Fluorene	ND		0.035	mg/Kg-dry	1	02/20/12 10:10 PM
Hexachlorobenzene	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM

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

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B01-S01-021412 **Lab ID:** 1202447-19
Collection Date: 02/14/12 09:46 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
Hexachlorocyclopentadiene	ND		0.39	mg/Kg-dry	1	02/20/12 10:10 PM
Hexachloroethane	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
Indeno(1,2,3-cd)pyrene	**0.047**		**0.035**	**mg/Kg-dry**	1	02/20/12 10:10 PM
Isophorone	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
Naphthalene	ND		0.035	mg/Kg-dry	1	02/20/12 10:10 PM
Nitrobenzene	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
N-Nitrosodi-n-propylamine	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
N-Nitrosodiphenylamine	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
Pentachlorophenol	ND		0.39	mg/Kg-dry	1	02/20/12 10:10 PM
Phenanthrene	ND		0.035	mg/Kg-dry	1	02/20/12 10:10 PM
Phenol	ND		0.19	mg/Kg-dry	1	02/20/12 10:10 PM
Pyrene	**0.089**		**0.035**	**mg/Kg-dry**	1	02/20/12 10:10 PM
Surr: 2,4,6-Tribromophenol	*46.1*		*34-140*	*%REC*	1	02/20/12 10:10 PM
Surr: 2-Fluorobiphenyl	*42.8*		*12-100*	*%REC*	1	02/20/12 10:10 PM
Surr: 2-Fluorophenol	*47.6*		*33-117*	*%REC*	1	02/20/12 10:10 PM
Surr: 4-Terphenyl-d14	*61.2*		*25-137*	*%REC*	1	02/20/12 10:10 PM
Surr: Nitrobenzene-d5	*46.6*		*37-107*	*%REC*	1	02/20/12 10:10 PM
Surr: Phenol-d6	*47.4*		*40-106*	*%REC*	1	02/20/12 10:10 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **RS**
1,1,1-Trichloroethane	ND		0.059	mg/Kg-dry	50	02/17/12 04:10 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/17/12 04:10 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/17/12 04:10 PM
1,1,2-Trichlorotrifluoroethane	ND		0.059	mg/Kg-dry	50	02/17/12 04:10 PM
1,1-Dichloroethane	ND		0.059	mg/Kg-dry	50	02/17/12 04:10 PM
1,1-Dichloroethene	ND		0.059	mg/Kg-dry	50	02/17/12 04:10 PM
1,2,4-Trichlorobenzene	ND		0.059	mg/Kg-dry	50	02/17/12 04:10 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/17/12 04:10 PM
1,2-Dibromoethane	ND		0.089	mg/Kg-dry	50	02/17/12 04:10 PM
1,2-Dichlorobenzene	ND		0.059	mg/Kg-dry	50	02/17/12 04:10 PM
1,2-Dichloroethane	ND		0.059	mg/Kg-dry	50	02/17/12 04:10 PM
1,2-Dichloropropane	ND		0.21	mg/Kg-dry	50	02/17/12 04:10 PM
1,3-Dichlorobenzene	ND		0.059	mg/Kg-dry	50	02/17/12 04:10 PM
1,4-Dichlorobenzene	ND		0.059	mg/Kg-dry	50	02/17/12 04:10 PM
2-Butanone	ND		0.45	mg/Kg-dry	50	02/17/12 04:10 PM
2-Hexanone	ND		0.30	mg/Kg-dry	50	02/17/12 04:10 PM
4-Methyl-2-pentanone	ND		0.30	mg/Kg-dry	50	02/17/12 04:10 PM
Acetone	ND		0.27	mg/Kg-dry	50	02/17/12 04:10 PM
Benzene	ND		0.059	mg/Kg-dry	50	02/17/12 04:10 PM
Bromodichloromethane	ND		0.089	mg/Kg-dry	50	02/17/12 04:10 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B01-S01-021412 **Lab ID:** 1202447-19
Collection Date: 02/14/12 09:46 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.059	mg/Kg-dry	50	02/17/12 04:10 PM
Bromomethane	ND		0.089	mg/Kg-dry	50	02/17/12 04:10 PM
Carbon disulfide	ND		0.089	mg/Kg-dry	50	02/17/12 04:10 PM
Carbon tetrachloride	ND		0.059	mg/Kg-dry	50	02/17/12 04:10 PM
Chlorobenzene	ND		0.089	mg/Kg-dry	50	02/17/12 04:10 PM
Chloroethane	ND		0.18	mg/Kg-dry	50	02/17/12 04:10 PM
Chloroform	ND		0.059	mg/Kg-dry	50	02/17/12 04:10 PM
Chloromethane	ND		0.18	mg/Kg-dry	50	02/17/12 04:10 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/17/12 04:10 PM
cis-1,3-Dichloropropene	ND		0.059	mg/Kg-dry	50	02/17/12 04:10 PM
Cyclohexane	ND		0.059	mg/Kg-dry	50	02/17/12 04:10 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/17/12 04:10 PM
Dichlorodifluoromethane	ND		0.059	mg/Kg-dry	50	02/17/12 04:10 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/17/12 04:10 PM
Isopropylbenzene	ND		0.059	mg/Kg-dry	50	02/17/12 04:10 PM
Methyl acetate	ND		0.21	mg/Kg-dry	50	02/17/12 04:10 PM
Methyl tert-butyl ether	ND		0.089	mg/Kg-dry	50	02/17/12 04:10 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/17/12 04:10 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/17/12 04:10 PM
Styrene	ND		0.089	mg/Kg-dry	50	02/17/12 04:10 PM
Tetrachloroethene	ND		0.059	mg/Kg-dry	50	02/17/12 04:10 PM
Toluene	ND		0.089	mg/Kg-dry	50	02/17/12 04:10 PM
trans-1,2-Dichloroethene	ND		0.059	mg/Kg-dry	50	02/17/12 04:10 PM
trans-1,3-Dichloropropene	ND		0.089	mg/Kg-dry	50	02/17/12 04:10 PM
Trichloroethene	ND		0.059	mg/Kg-dry	50	02/17/12 04:10 PM
Trichlorofluoromethane	ND		0.059	mg/Kg-dry	50	02/17/12 04:10 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/17/12 04:10 PM
Xylenes, Total	ND		0.18	mg/Kg-dry	50	02/17/12 04:10 PM
Surr: 1,2-Dichloroethane-d4	*99.4*		*70-120*	*%REC*	50	02/17/12 04:10 PM
Surr: 4-Bromofluorobenzene	*99.4*		*75-120*	*%REC*	50	02/17/12 04:10 PM
Surr: Dibromofluoromethane	*92.7*		*85-115*	*%REC*	50	02/17/12 04:10 PM
Surr: Toluene-d8	*103*		*85-115*	*%REC*	50	02/17/12 04:10 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **02/20/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.58	mg/Kg-dry	1	02/21/12 02:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**16**		**0.050**	**% of sample**	1	02/16/12 01:42 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B01-S01-021412-DP **Lab ID:** 1202447-20
Collection Date: 02/14/12 09:46 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **02/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0059	mg/Kg-dry	1	02/21/12 01:38 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/21/12 01:38 PM
2,4-D	ND		0.0059	mg/Kg-dry	1	02/21/12 01:38 PM
Surr: DCAA	*84.6*		*30-150*	*%REC*	1	02/21/12 01:38 PM
PCBS			**SW8082**		Prep Date: **02/20/12**	Analyst: **JD**
Aroclor 1016	ND		0.046	mg/Kg-dry	1	02/24/12 01:43 AM
Aroclor 1221	ND		0.046	mg/Kg-dry	1	02/24/12 01:43 AM
Aroclor 1232	ND		0.046	mg/Kg-dry	1	02/24/12 01:43 AM
Aroclor 1242	ND		0.046	mg/Kg-dry	1	02/24/12 01:43 AM
Aroclor 1248	ND		0.046	mg/Kg-dry	1	02/24/12 01:43 AM
Aroclor 1254	ND		0.046	mg/Kg-dry	1	02/24/12 01:43 AM
Aroclor 1260	ND		0.046	mg/Kg-dry	1	02/24/12 01:43 AM
Surr: Decachlorobiphenyl	*86.1*		*40-140*	*%REC*	1	02/24/12 01:43 AM
PESTICIDES			**SW8081**		Prep Date: **02/20/12**	Analyst: **JD**
4,4´-DDD	ND		0.57	mg/Kg-dry	50	02/22/12 05:12 PM
4,4´-DDE	ND		0.57	mg/Kg-dry	50	02/22/12 05:12 PM
4,4´-DDT	ND		0.57	mg/Kg-dry	50	02/22/12 05:12 PM
Aldrin	ND		0.57	mg/Kg-dry	50	02/22/12 05:12 PM
alpha-BHC	ND		0.57	mg/Kg-dry	50	02/22/12 05:12 PM
alpha-Chlordane	ND		0.57	mg/Kg-dry	50	02/22/12 05:12 PM
beta-BHC	ND		0.57	mg/Kg-dry	50	02/22/12 05:12 PM
Chlordane, Technical	ND		1.4	mg/Kg-dry	50	02/22/12 05:12 PM
delta-BHC	ND		0.57	mg/Kg-dry	50	02/22/12 05:12 PM
Dieldrin	ND		0.57	mg/Kg-dry	50	02/22/12 05:12 PM
Endosulfan I	ND		0.57	mg/Kg-dry	50	02/22/12 05:12 PM
Endosulfan II	ND		0.57	mg/Kg-dry	50	02/22/12 05:12 PM
Endosulfan sulfate	ND		0.57	mg/Kg-dry	50	02/22/12 05:12 PM
Endrin	ND		0.57	mg/Kg-dry	50	02/22/12 05:12 PM
Endrin aldehyde	ND		0.57	mg/Kg-dry	50	02/22/12 05:12 PM
Endrin ketone	ND		0.57	mg/Kg-dry	50	02/22/12 05:12 PM
gamma-BHC (Lindane)	ND		0.57	mg/Kg-dry	50	02/22/12 05:12 PM
gamma-Chlordane	ND		0.57	mg/Kg-dry	50	02/22/12 05:12 PM
Heptachlor	ND		0.57	mg/Kg-dry	50	02/22/12 05:12 PM
Heptachlor epoxide	ND		0.57	mg/Kg-dry	50	02/22/12 05:12 PM
Methoxychlor	ND		0.57	mg/Kg-dry	50	02/22/12 05:12 PM
Toxaphene	ND		3.4	mg/Kg-dry	50	02/22/12 05:12 PM
Surr: Decachlorobiphenyl	*100*		*45-135*	*%REC*	50	02/22/12 05:12 PM
Surr: Tetrachloro-m-xylene	*100*		*45-124*	*%REC*	50	02/22/12 05:12 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B01-S01-021412-DP **Lab ID:** 1202447-20
Collection Date: 02/14/12 09:46 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **02/17/12**	Analyst: **LR**
Mercury	**0.031**		**0.021**	**mg/Kg-dry**	1	02/17/12 03:29 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **02/20/12**	Analyst: **RH**
Aluminum	**9,000**		**1.8**	**mg/Kg-dry**	2	02/21/12 11:09 PM
Antimony	ND		0.92	mg/Kg-dry	2	02/21/12 11:09 PM
Arsenic	**4.7**		**0.92**	**mg/Kg-dry**	2	02/21/12 11:09 PM
Barium	**68**		**0.92**	**mg/Kg-dry**	2	02/21/12 11:09 PM
Beryllium	**0.43**		**0.37**	**mg/Kg-dry**	2	02/21/12 11:09 PM
Boron	**5.4**		**3.7**	**mg/Kg-dry**	2	02/21/12 11:09 PM
Cadmium	ND		0.37	mg/Kg-dry	2	02/21/12 11:09 PM
Calcium	**19,000**		**92**	**mg/Kg-dry**	2	02/21/12 11:09 PM
Chromium	**15**		**0.92**	**mg/Kg-dry**	2	02/21/12 11:09 PM
Cobalt	**7.1**		**0.92**	**mg/Kg-dry**	2	02/21/12 11:09 PM
Copper	**16**		**0.92**	**mg/Kg-dry**	2	02/21/12 11:09 PM
Iron	**17,000**		**15**	**mg/Kg-dry**	2	02/21/12 11:09 PM
Lead	**15**		**0.92**	**mg/Kg-dry**	2	02/21/12 11:09 PM
Magnesium	**9,600**		**37**	**mg/Kg-dry**	2	02/21/12 11:09 PM
Manganese	**210**		**0.92**	**mg/Kg-dry**	2	02/21/12 11:09 PM
Nickel	**19**		**0.92**	**mg/Kg-dry**	2	02/21/12 11:09 PM
Potassium	**1,400**		**37**	**mg/Kg-dry**	2	02/21/12 11:09 PM
Selenium	**1.2**		**0.92**	**mg/Kg-dry**	2	02/21/12 11:09 PM
Silver	ND		0.92	mg/Kg-dry	2	02/21/12 11:09 PM
Sodium	**88**		**37**	**mg/Kg-dry**	2	02/21/12 11:09 PM
Thallium	ND		0.92	mg/Kg-dry	2	02/21/12 11:09 PM
Vanadium	**21**		**0.92**	**mg/Kg-dry**	2	02/21/12 11:09 PM
Zinc	**53**		**1.8**	**mg/Kg-dry**	2	02/21/12 11:09 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **02/16/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.38	mg/Kg-dry	1	02/20/12 09:42 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
2,4-Dimethylphenol	ND		0.38	mg/Kg-dry	1	02/20/12 09:42 PM
2,4-Dinitrophenol	ND		0.76	mg/Kg-dry	1	02/20/12 09:42 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
2-Chloronaphthalene	ND		0.092	mg/Kg-dry	1	02/20/12 09:42 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
2-Methylnaphthalene	ND		0.092	mg/Kg-dry	1	02/20/12 09:42 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B01-S01-021412-DP
Lab ID: 1202447-20
Collection Date: 02/14/12 09:46 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.76	mg/Kg-dry	1	02/20/12 09:42 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
3,3´-Dichlorobenzidine	ND		0.76	mg/Kg-dry	1	02/20/12 09:42 PM
3-Nitroaniline	ND		0.76	mg/Kg-dry	1	02/20/12 09:42 PM
4,6-Dinitro-2-methylphenol	ND		0.38	mg/Kg-dry	1	02/20/12 09:42 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
4-Chloroaniline	ND		0.76	mg/Kg-dry	1	02/20/12 09:42 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
4-Nitroaniline	ND		0.76	mg/Kg-dry	1	02/20/12 09:42 PM
4-Nitrophenol	ND		0.76	mg/Kg-dry	1	02/20/12 09:42 PM
Acenaphthene	ND		0.035	mg/Kg-dry	1	02/20/12 09:42 PM
Acenaphthylene	**0.090**		**0.035**	**mg/Kg-dry**	1	02/20/12 09:42 PM
Acetophenone	ND		0.38	mg/Kg-dry	1	02/20/12 09:42 PM
Anthracene	**0.037**		**0.035**	**mg/Kg-dry**	1	02/20/12 09:42 PM
Atrazine	ND		0.38	mg/Kg-dry	1	02/20/12 09:42 PM
Benzaldehyde	ND		0.38	mg/Kg-dry	1	02/20/12 09:42 PM
Benzo(a)anthracene	**0.21**		**0.035**	**mg/Kg-dry**	1	02/20/12 09:42 PM
Benzo(a)pyrene	**0.27**		**0.035**	**mg/Kg-dry**	1	02/20/12 09:42 PM
Benzo(b)fluoranthene	**0.40**		**0.035**	**mg/Kg-dry**	1	02/20/12 09:42 PM
Benzo(g,h,i)perylene	**0.11**		**0.035**	**mg/Kg-dry**	1	02/20/12 09:42 PM
Benzo(k)fluoranthene	**0.14**		**0.035**	**mg/Kg-dry**	1	02/20/12 09:42 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
Bis(2-ethylhexyl)phthalate	ND		0.38	mg/Kg-dry	1	02/20/12 09:42 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
Caprolactam	ND		0.38	mg/Kg-dry	1	02/20/12 09:42 PM
Carbazole	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
Chrysene	**0.22**		**0.035**	**mg/Kg-dry**	1	02/20/12 09:42 PM
Dibenzo(a,h)anthracene	ND		0.035	mg/Kg-dry	1	02/20/12 09:42 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
Diethyl phthalate	ND		0.38	mg/Kg-dry	1	02/20/12 09:42 PM
Dimethyl phthalate	ND		0.38	mg/Kg-dry	1	02/20/12 09:42 PM
Di-n-butyl phthalate	ND		0.38	mg/Kg-dry	1	02/20/12 09:42 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
Fluoranthene	**0.29**		**0.035**	**mg/Kg-dry**	1	02/20/12 09:42 PM
Fluorene	ND		0.035	mg/Kg-dry	1	02/20/12 09:42 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM

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

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B01-S01-021412-DP **Lab ID:** 1202447-20
Collection Date: 02/14/12 09:46 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
Hexachlorocyclopentadiene	ND		0.38	mg/Kg-dry	1	02/20/12 09:42 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
Indeno(1,2,3-cd)pyrene	**0.11**		**0.035**	**mg/Kg-dry**	1	02/20/12 09:42 PM
Isophorone	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
Naphthalene	ND		0.035	mg/Kg-dry	1	02/20/12 09:42 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
Pentachlorophenol	ND		0.38	mg/Kg-dry	1	02/20/12 09:42 PM
Phenanthrene	**0.11**		**0.035**	**mg/Kg-dry**	1	02/20/12 09:42 PM
Phenol	ND		0.18	mg/Kg-dry	1	02/20/12 09:42 PM
Pyrene	**0.30**		**0.035**	**mg/Kg-dry**	1	02/20/12 09:42 PM
Surr: 2,4,6-Tribromophenol	*64.8*		*34-140*	*%REC*	1	02/20/12 09:42 PM
Surr: 2-Fluorobiphenyl	*56.3*		*12-100*	*%REC*	1	02/20/12 09:42 PM
Surr: 2-Fluorophenol	*60.6*		*33-117*	*%REC*	1	02/20/12 09:42 PM
Surr: 4-Terphenyl-d14	*85.1*		*25-137*	*%REC*	1	02/20/12 09:42 PM
Surr: Nitrobenzene-d5	*59.5*		*37-107*	*%REC*	1	02/20/12 09:42 PM
Surr: Phenol-d6	*61.5*		*40-106*	*%REC*	1	02/20/12 09:42 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **AK**
1,1,1-Trichloroethane	ND		0.059	mg/Kg-dry	50	02/17/12 03:27 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/17/12 03:27 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/17/12 03:27 PM
1,1,2-Trichlorotrifluoroethane	ND		0.059	mg/Kg-dry	50	02/17/12 03:27 PM
1,1-Dichloroethane	ND		0.059	mg/Kg-dry	50	02/17/12 03:27 PM
1,1-Dichloroethene	ND		0.059	mg/Kg-dry	50	02/17/12 03:27 PM
1,2,4-Trichlorobenzene	ND		0.059	mg/Kg-dry	50	02/17/12 03:27 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/17/12 03:27 PM
1,2-Dibromoethane	ND		0.089	mg/Kg-dry	50	02/17/12 03:27 PM
1,2-Dichlorobenzene	ND		0.059	mg/Kg-dry	50	02/17/12 03:27 PM
1,2-Dichloroethane	ND		0.059	mg/Kg-dry	50	02/17/12 03:27 PM
1,2-Dichloropropane	ND		0.21	mg/Kg-dry	50	02/17/12 03:27 PM
1,3-Dichlorobenzene	ND		0.059	mg/Kg-dry	50	02/17/12 03:27 PM
1,4-Dichlorobenzene	ND		0.059	mg/Kg-dry	50	02/17/12 03:27 PM
2-Butanone	ND		0.44	mg/Kg-dry	50	02/17/12 03:27 PM
2-Hexanone	ND		0.30	mg/Kg-dry	50	02/17/12 03:27 PM
4-Methyl-2-pentanone	ND		0.30	mg/Kg-dry	50	02/17/12 03:27 PM
Acetone	ND		0.27	mg/Kg-dry	50	02/17/12 03:27 PM
Benzene	ND		0.059	mg/Kg-dry	50	02/17/12 03:27 PM
Bromodichloromethane	ND		0.089	mg/Kg-dry	50	02/17/12 03:27 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B01-S01-021412-DP
Lab ID: 1202447-20
Collection Date: 02/14/12 09:46 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.059	mg/Kg-dry	50	02/17/12 03:27 PM
Bromomethane	ND		0.089	mg/Kg-dry	50	02/17/12 03:27 PM
Carbon disulfide	ND		0.089	mg/Kg-dry	50	02/17/12 03:27 PM
Carbon tetrachloride	ND		0.059	mg/Kg-dry	50	02/17/12 03:27 PM
Chlorobenzene	ND		0.089	mg/Kg-dry	50	02/17/12 03:27 PM
Chloroethane	ND		0.18	mg/Kg-dry	50	02/17/12 03:27 PM
Chloroform	ND		0.059	mg/Kg-dry	50	02/17/12 03:27 PM
Chloromethane	ND		0.18	mg/Kg-dry	50	02/17/12 03:27 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/17/12 03:27 PM
cis-1,3-Dichloropropene	ND		0.059	mg/Kg-dry	50	02/17/12 03:27 PM
Cyclohexane	ND		0.059	mg/Kg-dry	50	02/17/12 03:27 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/17/12 03:27 PM
Dichlorodifluoromethane	ND		0.059	mg/Kg-dry	50	02/17/12 03:27 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/17/12 03:27 PM
Isopropylbenzene	ND		0.059	mg/Kg-dry	50	02/17/12 03:27 PM
Methyl acetate	ND		0.41	mg/Kg-dry	50	02/17/12 03:27 PM
Methyl tert-butyl ether	ND		0.089	mg/Kg-dry	50	02/17/12 03:27 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/17/12 03:27 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/17/12 03:27 PM
Styrene	ND		0.089	mg/Kg-dry	50	02/17/12 03:27 PM
Tetrachloroethene	ND		0.059	mg/Kg-dry	50	02/17/12 03:27 PM
Toluene	ND		0.089	mg/Kg-dry	50	02/17/12 03:27 PM
trans-1,2-Dichloroethene	ND		0.059	mg/Kg-dry	50	02/17/12 03:27 PM
trans-1,3-Dichloropropene	ND		0.089	mg/Kg-dry	50	02/17/12 03:27 PM
Trichloroethene	ND		0.059	mg/Kg-dry	50	02/17/12 03:27 PM
Trichlorofluoromethane	ND		0.059	mg/Kg-dry	50	02/17/12 03:27 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/17/12 03:27 PM
Xylenes, Total	ND		0.18	mg/Kg-dry	50	02/17/12 03:27 PM
Surr: 1,2-Dichloroethane-d4	*109*		*70-120*	*%REC*	50	02/17/12 03:27 PM
Surr: 4-Bromofluorobenzene	*93.5*		*75-120*	*%REC*	50	02/17/12 03:27 PM
Surr: Dibromofluoromethane	*97.0*		*85-115*	*%REC*	50	02/17/12 03:27 PM
Surr: Toluene-d8	*106*		*85-115*	*%REC*	50	02/17/12 03:27 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **02/20/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.57	mg/Kg-dry	1	02/21/12 02:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**15**		**0.050**	**% of sample**	1	02/16/12 01:42 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B01-S02-021412 **Lab ID:** 1202447-21
Collection Date: 02/14/12 09:55 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **02/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0061	mg/Kg-dry	1	02/21/12 01:38 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/21/12 01:38 PM
2,4-D	ND		0.0061	mg/Kg-dry	1	02/21/12 01:38 PM
Surr: DCAA	*66.2*		*30-150*	*%REC*	1	02/21/12 01:38 PM
PCBS			**SW8082**		Prep Date: **02/20/12**	Analyst: **JD**
Aroclor 1016	ND		0.048	mg/Kg-dry	1	02/24/12 02:03 AM
Aroclor 1221	ND		0.048	mg/Kg-dry	1	02/24/12 02:03 AM
Aroclor 1232	ND		0.048	mg/Kg-dry	1	02/24/12 02:03 AM
Aroclor 1242	ND		0.048	mg/Kg-dry	1	02/24/12 02:03 AM
Aroclor 1248	ND		0.048	mg/Kg-dry	1	02/24/12 02:03 AM
Aroclor 1254	ND		0.048	mg/Kg-dry	1	02/24/12 02:03 AM
Aroclor 1260	ND		0.048	mg/Kg-dry	1	02/24/12 02:03 AM
Surr: Decachlorobiphenyl	*85.1*		*40-140*	*%REC*	1	02/24/12 02:03 AM
PESTICIDES			**SW8081**		Prep Date: **02/20/12**	Analyst: **JD**
4,4´-DDD	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
4,4´-DDE	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
4,4´-DDT	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Aldrin	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
alpha-BHC	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
alpha-Chlordane	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
beta-BHC	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Chlordane, Technical	ND		0.059	mg/Kg-dry	2	02/22/12 05:12 PM
delta-BHC	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Dieldrin	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Endosulfan I	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Endosulfan II	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Endosulfan sulfate	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Endrin	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Endrin aldehyde	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Endrin ketone	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
gamma-BHC (Lindane)	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
gamma-Chlordane	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Heptachlor	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Heptachlor epoxide	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Methoxychlor	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Toxaphene	ND		0.14	mg/Kg-dry	2	02/22/12 05:12 PM
Surr: Decachlorobiphenyl	*62.1*		*45-135*	*%REC*	2	02/22/12 05:12 PM
Surr: Tetrachloro-m-xylene	*92.1*		*45-124*	*%REC*	2	02/22/12 05:12 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B01-S02-021412 **Lab ID:** 1202447-21
Collection Date: 02/14/12 09:55 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **02/17/12**	Analyst: **LR**
Mercury	ND		0.022	mg/Kg-dry	1	02/17/12 03:32 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **02/20/12**	Analyst: **RH**
Aluminum	**12,000**		**1.5**	**mg/Kg-dry**	2	02/21/12 11:15 PM
Antimony	ND		0.75	mg/Kg-dry	2	02/21/12 11:15 PM
Arsenic	**5.6**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:15 PM
Barium	**61**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:15 PM
Beryllium	ND		3.0	mg/Kg-dry	20	02/22/12 04:32 PM
Boron	ND		30	mg/Kg-dry	20	02/22/12 04:32 PM
Cadmium	ND		0.30	mg/Kg-dry	2	02/21/12 11:15 PM
Calcium	**42,000**		**750**	**mg/Kg-dry**	20	02/22/12 04:32 PM
Chromium	**21**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:15 PM
Cobalt	**9.8**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:15 PM
Copper	**20**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:15 PM
Iron	**24,000**		**12**	**mg/Kg-dry**	2	02/21/12 11:15 PM
Lead	**13**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:15 PM
Magnesium	**15,000**		**30**	**mg/Kg-dry**	2	02/21/12 11:15 PM
Manganese	**330**		**7.5**	**mg/Kg-dry**	20	02/22/12 04:32 PM
Nickel	**26**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:15 PM
Potassium	**2,200**		**30**	**mg/Kg-dry**	2	02/21/12 11:15 PM
Selenium	**1.2**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:15 PM
Silver	ND		0.75	mg/Kg-dry	2	02/21/12 11:15 PM
Sodium	**150**		**30**	**mg/Kg-dry**	2	02/21/12 11:15 PM
Thallium	ND		0.75	mg/Kg-dry	2	02/21/12 11:15 PM
Vanadium	**29**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:15 PM
Zinc	**63**		**1.5**	**mg/Kg-dry**	2	02/21/12 11:15 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **02/16/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.40	mg/Kg-dry	1	02/17/12 07:51 PM
2,4,5-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
2,4,6-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
2,4-Dichlorophenol	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
2,4-Dimethylphenol	ND		0.40	mg/Kg-dry	1	02/17/12 07:51 PM
2,4-Dinitrophenol	ND		0.79	mg/Kg-dry	1	02/17/12 07:51 PM
2,4-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
2,6-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
2-Chloronaphthalene	ND		0.096	mg/Kg-dry	1	02/17/12 07:51 PM
2-Chlorophenol	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
2-Methylnaphthalene	ND		0.096	mg/Kg-dry	1	02/17/12 07:51 PM
2-Methylphenol	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B01-S02-021412
Lab ID: 1202447-21
Collection Date: 02/14/12 09:55 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.79	mg/Kg-dry	1	02/17/12 07:51 PM
2-Nitrophenol	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
3,3´-Dichlorobenzidine	ND		0.79	mg/Kg-dry	1	02/17/12 07:51 PM
3-Nitroaniline	ND		0.79	mg/Kg-dry	1	02/17/12 07:51 PM
4,6-Dinitro-2-methylphenol	ND		0.40	mg/Kg-dry	1	02/17/12 07:51 PM
4-Bromophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
4-Chloro-3-methylphenol	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
4-Chloroaniline	ND		0.79	mg/Kg-dry	1	02/17/12 07:51 PM
4-Chlorophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
4-Methylphenol	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
4-Nitroaniline	ND		0.79	mg/Kg-dry	1	02/17/12 07:51 PM
4-Nitrophenol	ND		0.79	mg/Kg-dry	1	02/17/12 07:51 PM
Acenaphthene	ND		0.036	mg/Kg-dry	1	02/17/12 07:51 PM
Acenaphthylene	ND		0.036	mg/Kg-dry	1	02/17/12 07:51 PM
Acetophenone	ND		0.40	mg/Kg-dry	1	02/17/12 07:51 PM
Anthracene	ND		0.036	mg/Kg-dry	1	02/17/12 07:51 PM
Atrazine	ND		0.40	mg/Kg-dry	1	02/17/12 07:51 PM
Benzaldehyde	ND		0.40	mg/Kg-dry	1	02/17/12 07:51 PM
Benzo(a)anthracene	ND		0.036	mg/Kg-dry	1	02/17/12 07:51 PM
Benzo(a)pyrene	ND		0.036	mg/Kg-dry	1	02/17/12 07:51 PM
Benzo(b)fluoranthene	ND		0.036	mg/Kg-dry	1	02/17/12 07:51 PM
Benzo(g,h,i)perylene	ND		0.036	mg/Kg-dry	1	02/17/12 07:51 PM
Benzo(k)fluoranthene	ND		0.036	mg/Kg-dry	1	02/17/12 07:51 PM
Bis(2-chloroethoxy)methane	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
Bis(2-chloroethyl)ether	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
Bis(2-chloroisopropyl)ether	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
Bis(2-ethylhexyl)phthalate	ND		0.40	mg/Kg-dry	1	02/17/12 07:51 PM
Butyl benzyl phthalate	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
Caprolactam	ND		0.40	mg/Kg-dry	1	02/17/12 07:51 PM
Carbazole	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
Chrysene	ND		0.036	mg/Kg-dry	1	02/17/12 07:51 PM
Dibenzo(a,h)anthracene	ND		0.036	mg/Kg-dry	1	02/17/12 07:51 PM
Dibenzofuran	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
Diethyl phthalate	ND		0.40	mg/Kg-dry	1	02/17/12 07:51 PM
Dimethyl phthalate	ND		0.40	mg/Kg-dry	1	02/17/12 07:51 PM
Di-n-butyl phthalate	ND		0.40	mg/Kg-dry	1	02/17/12 07:51 PM
Di-n-octyl phthalate	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
Fluoranthene	ND		0.036	mg/Kg-dry	1	02/17/12 07:51 PM
Fluorene	ND		0.036	mg/Kg-dry	1	02/17/12 07:51 PM
Hexachlorobenzene	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM

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

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B01-S02-021412 **Lab ID:** 1202447-21
Collection Date: 02/14/12 09:55 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
Hexachlorocyclopentadiene	ND		0.40	mg/Kg-dry	1	02/17/12 07:51 PM
Hexachloroethane	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
Indeno(1,2,3-cd)pyrene	ND		0.036	mg/Kg-dry	1	02/17/12 07:51 PM
Isophorone	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
Naphthalene	ND		0.036	mg/Kg-dry	1	02/17/12 07:51 PM
Nitrobenzene	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
N-Nitrosodi-n-propylamine	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
N-Nitrosodiphenylamine	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
Pentachlorophenol	ND		0.40	mg/Kg-dry	1	02/17/12 07:51 PM
Phenanthrene	ND		0.036	mg/Kg-dry	1	02/17/12 07:51 PM
Phenol	ND		0.19	mg/Kg-dry	1	02/17/12 07:51 PM
Pyrene	ND		0.036	mg/Kg-dry	1	02/17/12 07:51 PM
Surr: 2,4,6-Tribromophenol	*75.0*		*34-140*	*%REC*	1	02/17/12 07:51 PM
Surr: 2-Fluorobiphenyl	*70.2*		*12-100*	*%REC*	1	02/17/12 07:51 PM
Surr: 2-Fluorophenol	*79.0*		*33-117*	*%REC*	1	02/17/12 07:51 PM
Surr: 4-Terphenyl-d14	*90.7*		*25-137*	*%REC*	1	02/17/12 07:51 PM
Surr: Nitrobenzene-d5	*74.0*		*37-107*	*%REC*	1	02/17/12 07:51 PM
Surr: Phenol-d6	*80.3*		*40-106*	*%REC*	1	02/17/12 07:51 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **AK**
1,1,1-Trichloroethane	ND		0.062	mg/Kg-dry	50	02/17/12 03:52 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/17/12 03:52 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/17/12 03:52 PM
1,1,2-Trichlorotrifluoroethane	ND		0.062	mg/Kg-dry	50	02/17/12 03:52 PM
1,1-Dichloroethane	ND		0.062	mg/Kg-dry	50	02/17/12 03:52 PM
1,1-Dichloroethene	ND		0.062	mg/Kg-dry	50	02/17/12 03:52 PM
1,2,4-Trichlorobenzene	ND		0.062	mg/Kg-dry	50	02/17/12 03:52 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/17/12 03:52 PM
1,2-Dibromoethane	ND		0.093	mg/Kg-dry	50	02/17/12 03:52 PM
1,2-Dichlorobenzene	ND		0.062	mg/Kg-dry	50	02/17/12 03:52 PM
1,2-Dichloroethane	ND		0.062	mg/Kg-dry	50	02/17/12 03:52 PM
1,2-Dichloropropane	ND		0.22	mg/Kg-dry	50	02/17/12 03:52 PM
1,3-Dichlorobenzene	ND		0.062	mg/Kg-dry	50	02/17/12 03:52 PM
1,4-Dichlorobenzene	ND		0.062	mg/Kg-dry	50	02/17/12 03:52 PM
2-Butanone	ND		0.47	mg/Kg-dry	50	02/17/12 03:52 PM
2-Hexanone	ND		0.31	mg/Kg-dry	50	02/17/12 03:52 PM
4-Methyl-2-pentanone	ND		0.31	mg/Kg-dry	50	02/17/12 03:52 PM
Acetone	ND		0.28	mg/Kg-dry	50	02/17/12 03:52 PM
Benzene	ND		0.062	mg/Kg-dry	50	02/17/12 03:52 PM
Bromodichloromethane	ND		0.093	mg/Kg-dry	50	02/17/12 03:52 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B01-S02-021412 **Lab ID:** 1202447-21
Collection Date: 02/14/12 09:55 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.062	mg/Kg-dry	50	02/17/12 03:52 PM
Bromomethane	ND		0.093	mg/Kg-dry	50	02/17/12 03:52 PM
Carbon disulfide	ND		0.093	mg/Kg-dry	50	02/17/12 03:52 PM
Carbon tetrachloride	ND		0.062	mg/Kg-dry	50	02/17/12 03:52 PM
Chlorobenzene	ND		0.093	mg/Kg-dry	50	02/17/12 03:52 PM
Chloroethane	ND		0.19	mg/Kg-dry	50	02/17/12 03:52 PM
Chloroform	ND		0.062	mg/Kg-dry	50	02/17/12 03:52 PM
Chloromethane	ND		0.19	mg/Kg-dry	50	02/17/12 03:52 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/17/12 03:52 PM
cis-1,3-Dichloropropene	ND		0.062	mg/Kg-dry	50	02/17/12 03:52 PM
Cyclohexane	ND		0.062	mg/Kg-dry	50	02/17/12 03:52 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/17/12 03:52 PM
Dichlorodifluoromethane	ND		0.062	mg/Kg-dry	50	02/17/12 03:52 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/17/12 03:52 PM
Isopropylbenzene	ND		0.062	mg/Kg-dry	50	02/17/12 03:52 PM
Methyl acetate	ND		0.56	mg/Kg-dry	50	02/17/12 03:52 PM
Methyl tert-butyl ether	ND		0.093	mg/Kg-dry	50	02/17/12 03:52 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/17/12 03:52 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/17/12 03:52 PM
Styrene	ND		0.093	mg/Kg-dry	50	02/17/12 03:52 PM
Tetrachloroethene	ND		0.062	mg/Kg-dry	50	02/17/12 03:52 PM
Toluene	ND		0.093	mg/Kg-dry	50	02/17/12 03:52 PM
trans-1,2-Dichloroethene	ND		0.062	mg/Kg-dry	50	02/17/12 03:52 PM
trans-1,3-Dichloropropene	ND		0.093	mg/Kg-dry	50	02/17/12 03:52 PM
Trichloroethene	ND		0.062	mg/Kg-dry	50	02/17/12 03:52 PM
Trichlorofluoromethane	ND		0.062	mg/Kg-dry	50	02/17/12 03:52 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/17/12 03:52 PM
Xylenes, Total	ND		0.19	mg/Kg-dry	50	02/17/12 03:52 PM
Surr: 1,2-Dichloroethane-d4	*109*		*70-120*	*%REC*	50	02/17/12 03:52 PM
Surr: 4-Bromofluorobenzene	*93.9*		*75-120*	*%REC*	50	02/17/12 03:52 PM
Surr: Dibromofluoromethane	*95.6*		*85-115*	*%REC*	50	02/17/12 03:52 PM
Surr: Toluene-d8	*106*		*85-115*	*%REC*	50	02/17/12 03:52 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **02/20/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.61	mg/Kg-dry	1	02/21/12 02:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**19**		**0.050**	**% of sample**	1	02/16/12 01:42 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B03-S01-021412 **Lab ID:** 1202447-22
Collection Date: 02/14/12 11:40 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **02/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0062	mg/Kg-dry	1	02/21/12 01:38 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/21/12 01:38 PM
2,4-D	ND		0.0062	mg/Kg-dry	1	02/21/12 01:38 PM
Surr: DCAA	*80.8*		*30-150*	*%REC*	1	02/21/12 01:38 PM
PCBS			**SW8082**		Prep Date: **02/20/12**	Analyst: **JD**
Aroclor 1016	ND		0.049	mg/Kg-dry	1	02/24/12 02:23 AM
Aroclor 1221	ND		0.049	mg/Kg-dry	1	02/24/12 02:23 AM
Aroclor 1232	ND		0.049	mg/Kg-dry	1	02/24/12 02:23 AM
Aroclor 1242	ND		0.049	mg/Kg-dry	1	02/24/12 02:23 AM
Aroclor 1248	ND		0.049	mg/Kg-dry	1	02/24/12 02:23 AM
Aroclor 1254	ND		0.049	mg/Kg-dry	1	02/24/12 02:23 AM
Aroclor 1260	ND		0.049	mg/Kg-dry	1	02/24/12 02:23 AM
Surr: Decachlorobiphenyl	*87.1*		*40-140*	*%REC*	1	02/24/12 02:23 AM
PESTICIDES			**SW8081**		Prep Date: **02/20/12**	Analyst: **JD**
4,4´-DDD	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
4,4´-DDE	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
4,4´-DDT	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Aldrin	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
alpha-BHC	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
alpha-Chlordane	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
beta-BHC	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Chlordane, Technical	ND		0.030	mg/Kg-dry	1	02/22/12 05:12 PM
delta-BHC	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Dieldrin	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Endosulfan I	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Endosulfan II	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Endosulfan sulfate	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Endrin	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Endrin aldehyde	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Endrin ketone	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
gamma-BHC (Lindane)	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
gamma-Chlordane	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Heptachlor	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Heptachlor epoxide	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Methoxychlor	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Toxaphene	ND		0.073	mg/Kg-dry	1	02/22/12 05:12 PM
Surr: Decachlorobiphenyl	*76.1*		*45-135*	*%REC*	1	02/22/12 05:12 PM
Surr: Tetrachloro-m-xylene	*91.1*		*45-124*	*%REC*	1	02/22/12 05:12 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B03-S01-021412 **Lab ID:** 1202447-22
Collection Date: 02/14/12 11:40 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **02/17/12**	Analyst: **LR**
Mercury	ND		0.022	mg/Kg-dry	1	02/17/12 03:34 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **02/20/12**	Analyst: **RH**
Aluminum	**10,000**		**1.6**	**mg/Kg-dry**	2	02/21/12 11:21 PM
Antimony	ND		0.79	mg/Kg-dry	2	02/21/12 11:21 PM
Arsenic	**6.8**		**0.79**	**mg/Kg-dry**	2	02/21/12 11:21 PM
Barium	**57**		**0.79**	**mg/Kg-dry**	2	02/21/12 11:21 PM
Beryllium	ND		3.1	mg/Kg-dry	20	02/22/12 04:38 PM
Boron	ND		31	mg/Kg-dry	20	02/22/12 04:38 PM
Cadmium	ND		0.31	mg/Kg-dry	2	02/21/12 11:21 PM
Calcium	**52,000**		**790**	**mg/Kg-dry**	20	02/22/12 04:38 PM
Chromium	**18**		**0.79**	**mg/Kg-dry**	2	02/21/12 11:21 PM
Cobalt	**12**		**0.79**	**mg/Kg-dry**	2	02/21/12 11:21 PM
Copper	**19**		**0.79**	**mg/Kg-dry**	2	02/21/12 11:21 PM
Iron	**22,000**		**13**	**mg/Kg-dry**	2	02/21/12 11:21 PM
Lead	**13**		**0.79**	**mg/Kg-dry**	2	02/21/12 11:21 PM
Magnesium	**18,000**		**31**	**mg/Kg-dry**	2	02/21/12 11:21 PM
Manganese	**680**		**7.9**	**mg/Kg-dry**	20	02/22/12 04:38 PM
Nickel	**29**		**0.79**	**mg/Kg-dry**	2	02/21/12 11:21 PM
Potassium	**2,100**		**31**	**mg/Kg-dry**	2	02/21/12 11:21 PM
Selenium	**1.1**		**0.79**	**mg/Kg-dry**	2	02/21/12 11:21 PM
Silver	ND		0.79	mg/Kg-dry	2	02/21/12 11:21 PM
Sodium	**220**		**31**	**mg/Kg-dry**	2	02/21/12 11:21 PM
Thallium	ND		0.79	mg/Kg-dry	2	02/21/12 11:21 PM
Vanadium	**27**		**0.79**	**mg/Kg-dry**	2	02/21/12 11:21 PM
Zinc	**52**		**1.6**	**mg/Kg-dry**	2	02/21/12 11:21 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **02/16/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.40	mg/Kg-dry	1	02/17/12 08:19 PM
2,4,5-Trichlorophenol	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
2,4,6-Trichlorophenol	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
2,4-Dichlorophenol	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
2,4-Dimethylphenol	ND		0.40	mg/Kg-dry	1	02/17/12 08:19 PM
2,4-Dinitrophenol	ND		0.81	mg/Kg-dry	1	02/17/12 08:19 PM
2,4-Dinitrotoluene	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
2,6-Dinitrotoluene	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
2-Chloronaphthalene	ND		0.098	mg/Kg-dry	1	02/17/12 08:19 PM
2-Chlorophenol	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
2-Methylnaphthalene	ND		0.098	mg/Kg-dry	1	02/17/12 08:19 PM
2-Methylphenol	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B03-S01-021412
Lab ID: 1202447-22
Collection Date: 02/14/12 11:40 AM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.81	mg/Kg-dry	1	02/17/12 08:19 PM
2-Nitrophenol	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
3,3´-Dichlorobenzidine	ND		0.81	mg/Kg-dry	1	02/17/12 08:19 PM
3-Nitroaniline	ND		0.81	mg/Kg-dry	1	02/17/12 08:19 PM
4,6-Dinitro-2-methylphenol	ND		0.40	mg/Kg-dry	1	02/17/12 08:19 PM
4-Bromophenyl phenyl ether	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
4-Chloro-3-methylphenol	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
4-Chloroaniline	ND		0.81	mg/Kg-dry	1	02/17/12 08:19 PM
4-Chlorophenyl phenyl ether	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
4-Methylphenol	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
4-Nitroaniline	ND		0.81	mg/Kg-dry	1	02/17/12 08:19 PM
4-Nitrophenol	ND		0.81	mg/Kg-dry	1	02/17/12 08:19 PM
Acenaphthene	ND		0.037	mg/Kg-dry	1	02/17/12 08:19 PM
Acenaphthylene	ND		0.037	mg/Kg-dry	1	02/17/12 08:19 PM
Acetophenone	ND		0.40	mg/Kg-dry	1	02/17/12 08:19 PM
Anthracene	ND		0.037	mg/Kg-dry	1	02/17/12 08:19 PM
Atrazine	ND		0.40	mg/Kg-dry	1	02/17/12 08:19 PM
Benzaldehyde	ND		0.40	mg/Kg-dry	1	02/17/12 08:19 PM
Benzo(a)anthracene	ND		0.037	mg/Kg-dry	1	02/17/12 08:19 PM
Benzo(a)pyrene	ND		0.037	mg/Kg-dry	1	02/17/12 08:19 PM
Benzo(b)fluoranthene	ND		0.037	mg/Kg-dry	1	02/17/12 08:19 PM
Benzo(g,h,i)perylene	ND		0.037	mg/Kg-dry	1	02/17/12 08:19 PM
Benzo(k)fluoranthene	ND		0.037	mg/Kg-dry	1	02/17/12 08:19 PM
Bis(2-chloroethoxy)methane	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
Bis(2-chloroethyl)ether	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
Bis(2-chloroisopropyl)ether	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
Bis(2-ethylhexyl)phthalate	ND		0.40	mg/Kg-dry	1	02/17/12 08:19 PM
Butyl benzyl phthalate	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
Caprolactam	ND		0.40	mg/Kg-dry	1	02/17/12 08:19 PM
Carbazole	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
Chrysene	ND		0.037	mg/Kg-dry	1	02/17/12 08:19 PM
Dibenzo(a,h)anthracene	ND		0.037	mg/Kg-dry	1	02/17/12 08:19 PM
Dibenzofuran	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
Diethyl phthalate	ND		0.40	mg/Kg-dry	1	02/17/12 08:19 PM
Dimethyl phthalate	ND		0.40	mg/Kg-dry	1	02/17/12 08:19 PM
Di-n-butyl phthalate	ND		0.40	mg/Kg-dry	1	02/17/12 08:19 PM
Di-n-octyl phthalate	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
Fluoranthene	**0.050**		**0.037**	**mg/Kg-dry**	1	02/17/12 08:19 PM
Fluorene	ND		0.037	mg/Kg-dry	1	02/17/12 08:19 PM
Hexachlorobenzene	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM

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

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B03-S01-021412 **Lab ID:** 1202447-22
Collection Date: 02/14/12 11:40 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
Hexachlorocyclopentadiene	ND		0.40	mg/Kg-dry	1	02/17/12 08:19 PM
Hexachloroethane	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
Indeno(1,2,3-cd)pyrene	ND		0.037	mg/Kg-dry	1	02/17/12 08:19 PM
Isophorone	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
Naphthalene	ND		0.037	mg/Kg-dry	1	02/17/12 08:19 PM
Nitrobenzene	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
N-Nitrosodi-n-propylamine	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
N-Nitrosodiphenylamine	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
Pentachlorophenol	ND		0.40	mg/Kg-dry	1	02/17/12 08:19 PM
Phenanthrene	**0.044**		**0.037**	**mg/Kg-dry**	1	02/17/12 08:19 PM
Phenol	ND		0.20	mg/Kg-dry	1	02/17/12 08:19 PM
Pyrene	**0.044**		**0.037**	**mg/Kg-dry**	1	02/17/12 08:19 PM
Surr: 2,4,6-Tribromophenol	*73.9*		*34-140*	*%REC*	1	02/17/12 08:19 PM
Surr: 2-Fluorobiphenyl	*69.1*		*12-100*	*%REC*	1	02/17/12 08:19 PM
Surr: 2-Fluorophenol	*77.5*		*33-117*	*%REC*	1	02/17/12 08:19 PM
Surr: 4-Terphenyl-d14	*92.6*		*25-137*	*%REC*	1	02/17/12 08:19 PM
Surr: Nitrobenzene-d5	*74.4*		*37-107*	*%REC*	1	02/17/12 08:19 PM
Surr: Phenol-d6	*78.2*		*40-106*	*%REC*	1	02/17/12 08:19 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **AK**
1,1,1-Trichloroethane	ND		0.062	mg/Kg-dry	50	02/17/12 04:19 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/17/12 04:19 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/17/12 04:19 PM
1,1,2-Trichlorotrifluoroethane	ND		0.062	mg/Kg-dry	50	02/17/12 04:19 PM
1,1-Dichloroethane	ND		0.062	mg/Kg-dry	50	02/17/12 04:19 PM
1,1-Dichloroethene	ND		0.062	mg/Kg-dry	50	02/17/12 04:19 PM
1,2,4-Trichlorobenzene	ND		0.062	mg/Kg-dry	50	02/17/12 04:19 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/17/12 04:19 PM
1,2-Dibromoethane	ND		0.094	mg/Kg-dry	50	02/17/12 04:19 PM
1,2-Dichlorobenzene	ND		0.062	mg/Kg-dry	50	02/17/12 04:19 PM
1,2-Dichloroethane	ND		0.062	mg/Kg-dry	50	02/17/12 04:19 PM
1,2-Dichloropropane	ND		0.22	mg/Kg-dry	50	02/17/12 04:19 PM
1,3-Dichlorobenzene	ND		0.062	mg/Kg-dry	50	02/17/12 04:19 PM
1,4-Dichlorobenzene	ND		0.062	mg/Kg-dry	50	02/17/12 04:19 PM
2-Butanone	ND		0.47	mg/Kg-dry	50	02/17/12 04:19 PM
2-Hexanone	ND		0.31	mg/Kg-dry	50	02/17/12 04:19 PM
4-Methyl-2-pentanone	ND		0.31	mg/Kg-dry	50	02/17/12 04:19 PM
Acetone	ND		0.28	mg/Kg-dry	50	02/17/12 04:19 PM
Benzene	ND		0.062	mg/Kg-dry	50	02/17/12 04:19 PM
Bromodichloromethane	ND		0.094	mg/Kg-dry	50	02/17/12 04:19 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B03-S01-021412 **Lab ID:** 1202447-22
Collection Date: 02/14/12 11:40 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.062	mg/Kg-dry	50	02/17/12 04:19 PM
Bromomethane	ND		0.094	mg/Kg-dry	50	02/17/12 04:19 PM
Carbon disulfide	ND		0.094	mg/Kg-dry	50	02/17/12 04:19 PM
Carbon tetrachloride	ND		0.062	mg/Kg-dry	50	02/17/12 04:19 PM
Chlorobenzene	ND		0.094	mg/Kg-dry	50	02/17/12 04:19 PM
Chloroethane	ND		0.19	mg/Kg-dry	50	02/17/12 04:19 PM
Chloroform	ND		0.062	mg/Kg-dry	50	02/17/12 04:19 PM
Chloromethane	ND		0.19	mg/Kg-dry	50	02/17/12 04:19 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/17/12 04:19 PM
cis-1,3-Dichloropropene	ND		0.062	mg/Kg-dry	50	02/17/12 04:19 PM
Cyclohexane	ND		0.062	mg/Kg-dry	50	02/17/12 04:19 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/17/12 04:19 PM
Dichlorodifluoromethane	ND		0.062	mg/Kg-dry	50	02/17/12 04:19 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/17/12 04:19 PM
Isopropylbenzene	ND		0.062	mg/Kg-dry	50	02/17/12 04:19 PM
Methyl acetate	ND		0.14	mg/Kg-dry	50	02/17/12 04:19 PM
Methyl tert-butyl ether	ND		0.094	mg/Kg-dry	50	02/17/12 04:19 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/17/12 04:19 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/17/12 04:19 PM
Styrene	ND		0.094	mg/Kg-dry	50	02/17/12 04:19 PM
Tetrachloroethene	ND		0.062	mg/Kg-dry	50	02/17/12 04:19 PM
Toluene	ND		0.094	mg/Kg-dry	50	02/17/12 04:19 PM
trans-1,2-Dichloroethene	ND		0.062	mg/Kg-dry	50	02/17/12 04:19 PM
trans-1,3-Dichloropropene	ND		0.094	mg/Kg-dry	50	02/17/12 04:19 PM
Trichloroethene	ND		0.062	mg/Kg-dry	50	02/17/12 04:19 PM
Trichlorofluoromethane	ND		0.062	mg/Kg-dry	50	02/17/12 04:19 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/17/12 04:19 PM
Xylenes, Total	ND		0.19	mg/Kg-dry	50	02/17/12 04:19 PM
Surr: 1,2-Dichloroethane-d4	*108*		*70-120*	*%REC*	50	02/17/12 04:19 PM
Surr: 4-Bromofluorobenzene	*91.6*		*75-120*	*%REC*	50	02/17/12 04:19 PM
Surr: Dibromofluoromethane	*96.4*		*85-115*	*%REC*	50	02/17/12 04:19 PM
Surr: Toluene-d8	*105*		*85-115*	*%REC*	50	02/17/12 04:19 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **02/20/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.60	mg/Kg-dry	1	02/21/12 02:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**20**		**0.050**	**% of sample**	1	02/16/12 01:42 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B03-S02-021412 **Lab ID:** 1202447-23
Collection Date: 02/14/12 02:00 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **02/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0057	mg/Kg-dry	1	02/21/12 01:38 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/21/12 01:38 PM
2,4-D	ND		0.0057	mg/Kg-dry	1	02/21/12 01:38 PM
Surr: DCAA	*84.0*		*30-150*	*%REC*	1	02/21/12 01:38 PM
PCBS			**SW8082**		Prep Date: **02/20/12**	Analyst: **JD**
Aroclor 1016	ND		0.047	mg/Kg-dry	1	02/24/12 02:43 AM
Aroclor 1221	ND		0.047	mg/Kg-dry	1	02/24/12 02:43 AM
Aroclor 1232	ND		0.047	mg/Kg-dry	1	02/24/12 02:43 AM
Aroclor 1242	ND		0.047	mg/Kg-dry	1	02/24/12 02:43 AM
Aroclor 1248	ND		0.047	mg/Kg-dry	1	02/24/12 02:43 AM
Aroclor 1254	ND		0.047	mg/Kg-dry	1	02/24/12 02:43 AM
Aroclor 1260	ND		0.047	mg/Kg-dry	1	02/24/12 02:43 AM
Surr: Decachlorobiphenyl	*63.1*		*40-140*	*%REC*	1	02/24/12 02:43 AM
PESTICIDES			**SW8081**		Prep Date: **02/20/12**	Analyst: **JD**
4,4´-DDD	ND		0.59	mg/Kg-dry	50	02/22/12 05:12 PM
4,4´-DDE	ND		0.59	mg/Kg-dry	50	02/22/12 05:12 PM
4,4´-DDT	ND		0.59	mg/Kg-dry	50	02/22/12 05:12 PM
Aldrin	ND		0.59	mg/Kg-dry	50	02/22/12 05:12 PM
alpha-BHC	ND		0.59	mg/Kg-dry	50	02/22/12 05:12 PM
alpha-Chlordane	ND		0.59	mg/Kg-dry	50	02/22/12 05:12 PM
beta-BHC	ND		0.59	mg/Kg-dry	50	02/22/12 05:12 PM
Chlordane, Technical	ND		1.5	mg/Kg-dry	50	02/22/12 05:12 PM
delta-BHC	ND		0.59	mg/Kg-dry	50	02/22/12 05:12 PM
Dieldrin	ND		0.59	mg/Kg-dry	50	02/22/12 05:12 PM
Endosulfan I	ND		0.59	mg/Kg-dry	50	02/22/12 05:12 PM
Endosulfan II	ND		0.59	mg/Kg-dry	50	02/22/12 05:12 PM
Endosulfan sulfate	ND		0.59	mg/Kg-dry	50	02/22/12 05:12 PM
Endrin	ND		0.59	mg/Kg-dry	50	02/22/12 05:12 PM
Endrin aldehyde	ND		0.59	mg/Kg-dry	50	02/22/12 05:12 PM
Endrin ketone	ND		0.59	mg/Kg-dry	50	02/22/12 05:12 PM
gamma-BHC (Lindane)	ND		0.59	mg/Kg-dry	50	02/22/12 05:12 PM
gamma-Chlordane	ND		0.59	mg/Kg-dry	50	02/22/12 05:12 PM
Heptachlor	ND		0.59	mg/Kg-dry	50	02/22/12 05:12 PM
Heptachlor epoxide	ND		0.59	mg/Kg-dry	50	02/22/12 05:12 PM
Methoxychlor	ND		0.59	mg/Kg-dry	50	02/22/12 05:12 PM
Toxaphene	ND		3.5	mg/Kg-dry	50	02/22/12 05:12 PM
Surr: Decachlorobiphenyl	*50.1*		*45-135*	*%REC*	50	02/22/12 05:12 PM
Surr: Tetrachloro-m-xylene	*100*		*45-124*	*%REC*	50	02/22/12 05:12 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B03-S02-021412
Lab ID: 1202447-23
Collection Date: 02/14/12 02:00 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **02/17/12**	Analyst: **LR**
Mercury	**0.047**		**0.020**	**mg/Kg-dry**	1	02/17/12 03:37 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **02/20/12**	Analyst: **RH**
Aluminum	**6,000**		**1.5**	**mg/Kg-dry**	2	02/21/12 11:27 PM
Antimony	ND		0.75	mg/Kg-dry	2	02/21/12 11:27 PM
Arsenic	**4.7**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:27 PM
Barium	**93**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:27 PM
Beryllium	**0.30**		**0.30**	**mg/Kg-dry**	2	02/21/12 11:27 PM
Boron	**7.1**		**3.0**	**mg/Kg-dry**	2	02/21/12 11:27 PM
Cadmium	**0.40**		**0.30**	**mg/Kg-dry**	2	02/21/12 11:27 PM
Calcium	**80,000**		**750**	**mg/Kg-dry**	20	02/22/12 05:08 PM
Chromium	**9.9**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:27 PM
Cobalt	**5.1**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:27 PM
Copper	**20**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:27 PM
Iron	**12,000**		**12**	**mg/Kg-dry**	2	02/21/12 11:27 PM
Lead	**39**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:27 PM
Magnesium	**27,000**		**300**	**mg/Kg-dry**	20	02/22/12 05:08 PM
Manganese	**330**		**7.5**	**mg/Kg-dry**	20	02/22/12 05:08 PM
Nickel	**12**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:27 PM
Potassium	**1,300**		**30**	**mg/Kg-dry**	2	02/21/12 11:27 PM
Selenium	**0.75**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:27 PM
Silver	ND		0.75	mg/Kg-dry	2	02/21/12 11:27 PM
Sodium	**87**		**30**	**mg/Kg-dry**	2	02/21/12 11:27 PM
Thallium	ND		0.75	mg/Kg-dry	2	02/21/12 11:27 PM
Vanadium	**17**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:27 PM
Zinc	**61**		**1.5**	**mg/Kg-dry**	2	02/21/12 11:27 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **02/16/12**	Analyst: **HL**
1,1`-Biphenyl	ND		19	mg/Kg-dry	50	02/17/12 10:41 PM
2,4,5-Trichlorophenol	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
2,4,6-Trichlorophenol	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
2,4-Dichlorophenol	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
2,4-Dimethylphenol	ND		19	mg/Kg-dry	50	02/17/12 10:41 PM
2,4-Dinitrophenol	ND		39	mg/Kg-dry	50	02/17/12 10:41 PM
2,4-Dinitrotoluene	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
2,6-Dinitrotoluene	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
2-Chloronaphthalene	ND		4.7	mg/Kg-dry	50	02/17/12 10:41 PM
2-Chlorophenol	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
2-Methylnaphthalene	ND		4.7	mg/Kg-dry	50	02/17/12 10:41 PM
2-Methylphenol	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B03-S02-021412
Lab ID: 1202447-23
Collection Date: 02/14/12 02:00 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		39	mg/Kg-dry	50	02/17/12 10:41 PM
2-Nitrophenol	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
3,3´-Dichlorobenzidine	ND		39	mg/Kg-dry	50	02/17/12 10:41 PM
3-Nitroaniline	ND		39	mg/Kg-dry	50	02/17/12 10:41 PM
4,6-Dinitro-2-methylphenol	ND		19	mg/Kg-dry	50	02/17/12 10:41 PM
4-Bromophenyl phenyl ether	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
4-Chloro-3-methylphenol	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
4-Chloroaniline	ND		39	mg/Kg-dry	50	02/17/12 10:41 PM
4-Chlorophenyl phenyl ether	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
4-Methylphenol	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
4-Nitroaniline	ND		39	mg/Kg-dry	50	02/17/12 10:41 PM
4-Nitrophenol	ND		39	mg/Kg-dry	50	02/17/12 10:41 PM
Acenaphthene	ND		1.8	mg/Kg-dry	50	02/17/12 10:41 PM
Acenaphthylene	**5.9**		**1.8**	**mg/Kg-dry**	50	02/17/12 10:41 PM
Acetophenone	ND		19	mg/Kg-dry	50	02/17/12 10:41 PM
Anthracene	**4.3**		**1.8**	**mg/Kg-dry**	50	02/17/12 10:41 PM
Atrazine	ND		19	mg/Kg-dry	50	02/17/12 10:41 PM
Benzaldehyde	ND		19	mg/Kg-dry	50	02/17/12 10:41 PM
Benzo(a)anthracene	**14**		**1.8**	**mg/Kg-dry**	50	02/17/12 10:41 PM
Benzo(a)pyrene	**17**		**1.8**	**mg/Kg-dry**	50	02/17/12 10:41 PM
Benzo(b)fluoranthene	**17**		**1.8**	**mg/Kg-dry**	50	02/17/12 10:41 PM
Benzo(g,h,i)perylene	**10**		**1.8**	**mg/Kg-dry**	50	02/17/12 10:41 PM
Benzo(k)fluoranthene	**7.5**		**1.8**	**mg/Kg-dry**	50	02/17/12 10:41 PM
Bis(2-chloroethoxy)methane	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
Bis(2-chloroethyl)ether	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
Bis(2-chloroisopropyl)ether	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
Bis(2-ethylhexyl)phthalate	ND		19	mg/Kg-dry	50	02/17/12 10:41 PM
Butyl benzyl phthalate	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
Caprolactam	ND		19	mg/Kg-dry	50	02/17/12 10:41 PM
Carbazole	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
Chrysene	**12**		**1.8**	**mg/Kg-dry**	50	02/17/12 10:41 PM
Dibenzo(a,h)anthracene	**2.7**		**1.8**	**mg/Kg-dry**	50	02/17/12 10:41 PM
Dibenzofuran	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
Diethyl phthalate	ND		19	mg/Kg-dry	50	02/17/12 10:41 PM
Dimethyl phthalate	ND		19	mg/Kg-dry	50	02/17/12 10:41 PM
Di-n-butyl phthalate	ND		19	mg/Kg-dry	50	02/17/12 10:41 PM
Di-n-octyl phthalate	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
Fluoranthene	**28**		**1.8**	**mg/Kg-dry**	50	02/17/12 10:41 PM
Fluorene	**3.1**		**1.8**	**mg/Kg-dry**	50	02/17/12 10:41 PM
Hexachlorobenzene	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM

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

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B03-S02-021412 **Lab ID:** 1202447-23
Collection Date: 02/14/12 02:00 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
Hexachlorocyclopentadiene	ND		19	mg/Kg-dry	50	02/17/12 10:41 PM
Hexachloroethane	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
Indeno(1,2,3-cd)pyrene	**9.1**		**1.8**	**mg/Kg-dry**	50	02/17/12 10:41 PM
Isophorone	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
Naphthalene	ND		1.8	mg/Kg-dry	50	02/17/12 10:41 PM
Nitrobenzene	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
N-Nitrosodi-n-propylamine	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
N-Nitrosodiphenylamine	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
Pentachlorophenol	ND		19	mg/Kg-dry	50	02/17/12 10:41 PM
Phenanthrene	**21**		**1.8**	**mg/Kg-dry**	50	02/17/12 10:41 PM
Phenol	ND		9.4	mg/Kg-dry	50	02/17/12 10:41 PM
Pyrene	**26**		**1.8**	**mg/Kg-dry**	50	02/17/12 10:41 PM
Surr: 2,4,6-Tribromophenol	*170*	S	*34-140*	*%REC*	50	02/17/12 10:41 PM
Surr: 2-Fluorobiphenyl	*76.0*		*12-100*	*%REC*	50	02/17/12 10:41 PM
Surr: 2-Fluorophenol	*77.0*		*33-117*	*%REC*	50	02/17/12 10:41 PM
Surr: 4-Terphenyl-d14	*96.0*		*25-137*	*%REC*	50	02/17/12 10:41 PM
Surr: Nitrobenzene-d5	*66.0*		*37-107*	*%REC*	50	02/17/12 10:41 PM
Surr: Phenol-d6	*77.0*		*40-106*	*%REC*	50	02/17/12 10:41 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **AK**
1,1,1-Trichloroethane	ND		0.059	mg/Kg-dry	50	02/17/12 04:43 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/17/12 04:43 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/17/12 04:43 PM
1,1,2-Trichlorotrifluoroethane	ND		0.059	mg/Kg-dry	50	02/17/12 04:43 PM
1,1-Dichloroethane	ND		0.059	mg/Kg-dry	50	02/17/12 04:43 PM
1,1-Dichloroethene	ND		0.059	mg/Kg-dry	50	02/17/12 04:43 PM
1,2,4-Trichlorobenzene	ND		0.059	mg/Kg-dry	50	02/17/12 04:43 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/17/12 04:43 PM
1,2-Dibromoethane	ND		0.089	mg/Kg-dry	50	02/17/12 04:43 PM
1,2-Dichlorobenzene	ND		0.059	mg/Kg-dry	50	02/17/12 04:43 PM
1,2-Dichloroethane	ND		0.059	mg/Kg-dry	50	02/17/12 04:43 PM
1,2-Dichloropropane	ND		0.21	mg/Kg-dry	50	02/17/12 04:43 PM
1,3-Dichlorobenzene	ND		0.059	mg/Kg-dry	50	02/17/12 04:43 PM
1,4-Dichlorobenzene	ND		0.059	mg/Kg-dry	50	02/17/12 04:43 PM
2-Butanone	ND		0.44	mg/Kg-dry	50	02/17/12 04:43 PM
2-Hexanone	ND		0.30	mg/Kg-dry	50	02/17/12 04:43 PM
4-Methyl-2-pentanone	ND		0.30	mg/Kg-dry	50	02/17/12 04:43 PM
Acetone	ND		0.27	mg/Kg-dry	50	02/17/12 04:43 PM
Benzene	ND		0.059	mg/Kg-dry	50	02/17/12 04:43 PM
Bromodichloromethane	ND		0.089	mg/Kg-dry	50	02/17/12 04:43 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B03-S02-021412 **Lab ID:** 1202447-23
Collection Date: 02/14/12 02:00 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.059	mg/Kg-dry	50	02/17/12 04:43 PM
Bromomethane	ND		0.089	mg/Kg-dry	50	02/17/12 04:43 PM
Carbon disulfide	ND		0.089	mg/Kg-dry	50	02/17/12 04:43 PM
Carbon tetrachloride	ND		0.059	mg/Kg-dry	50	02/17/12 04:43 PM
Chlorobenzene	ND		0.089	mg/Kg-dry	50	02/17/12 04:43 PM
Chloroethane	ND		0.18	mg/Kg-dry	50	02/17/12 04:43 PM
Chloroform	ND		0.059	mg/Kg-dry	50	02/17/12 04:43 PM
Chloromethane	ND		0.18	mg/Kg-dry	50	02/17/12 04:43 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/17/12 04:43 PM
cis-1,3-Dichloropropene	ND		0.059	mg/Kg-dry	50	02/17/12 04:43 PM
Cyclohexane	ND		0.059	mg/Kg-dry	50	02/17/12 04:43 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/17/12 04:43 PM
Dichlorodifluoromethane	ND		0.059	mg/Kg-dry	50	02/17/12 04:43 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/17/12 04:43 PM
Isopropylbenzene	ND		0.059	mg/Kg-dry	50	02/17/12 04:43 PM
Methyl acetate	ND		0.59	mg/Kg-dry	50	02/17/12 04:43 PM
Methyl tert-butyl ether	ND		0.089	mg/Kg-dry	50	02/17/12 04:43 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/17/12 04:43 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/17/12 04:43 PM
Styrene	ND		0.089	mg/Kg-dry	50	02/17/12 04:43 PM
Tetrachloroethene	ND		0.059	mg/Kg-dry	50	02/17/12 04:43 PM
Toluene	ND		0.089	mg/Kg-dry	50	02/17/12 04:43 PM
trans-1,2-Dichloroethene	ND		0.059	mg/Kg-dry	50	02/17/12 04:43 PM
trans-1,3-Dichloropropene	ND		0.089	mg/Kg-dry	50	02/17/12 04:43 PM
Trichloroethene	ND		0.059	mg/Kg-dry	50	02/17/12 04:43 PM
Trichlorofluoromethane	ND		0.059	mg/Kg-dry	50	02/17/12 04:43 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/17/12 04:43 PM
Xylenes, Total	ND		0.18	mg/Kg-dry	50	02/17/12 04:43 PM
Surr: 1,2-Dichloroethane-d4	*110*		*70-120*	*%REC*	50	02/17/12 04:43 PM
Surr: 4-Bromofluorobenzene	*94.8*		*75-120*	*%REC*	50	02/17/12 04:43 PM
Surr: Dibromofluoromethane	*94.8*		*85-115*	*%REC*	50	02/17/12 04:43 PM
Surr: Toluene-d8	*104*		*85-115*	*%REC*	50	02/17/12 04:43 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **02/20/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.58	mg/Kg-dry	1	02/21/12 02:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**15**		**0.050**	**% of sample**	1	02/16/12 01:42 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B04-S01-021412 **Lab ID:** 1202447-24
Collection Date: 02/14/12 02:55 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **02/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0063	mg/Kg-dry	1	02/21/12 01:38 PM
2,4,5-TP (Silvex)	ND		0.013	mg/Kg-dry	1	02/21/12 01:38 PM
2,4-D	ND		0.0063	mg/Kg-dry	1	02/21/12 01:38 PM
Surr: DCAA	*75.6*		*30-150*	*%REC*	1	02/21/12 01:38 PM
PCBS			**SW8082**		Prep Date: **02/20/12**	Analyst: **JD**
Aroclor 1016	ND		0.049	mg/Kg-dry	1	02/24/12 03:04 AM
Aroclor 1221	ND		0.049	mg/Kg-dry	1	02/24/12 03:04 AM
Aroclor 1232	ND		0.049	mg/Kg-dry	1	02/24/12 03:04 AM
Aroclor 1242	ND		0.049	mg/Kg-dry	1	02/24/12 03:04 AM
Aroclor 1248	ND		0.049	mg/Kg-dry	1	02/24/12 03:04 AM
Aroclor 1254	ND		0.049	mg/Kg-dry	1	02/24/12 03:04 AM
Aroclor 1260	ND		0.049	mg/Kg-dry	1	02/24/12 03:04 AM
Surr: Decachlorobiphenyl	*76.1*		*40-140*	*%REC*	1	02/24/12 03:04 AM
PESTICIDES			**SW8081**		Prep Date: **02/20/12**	Analyst: **JD**
4,4´-DDD	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
4,4´-DDE	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
4,4´-DDT	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Aldrin	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
alpha-BHC	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
alpha-Chlordane	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
beta-BHC	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Chlordane, Technical	ND		0.061	mg/Kg-dry	2	02/22/12 05:12 PM
delta-BHC	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Dieldrin	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Endosulfan I	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Endosulfan II	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Endosulfan sulfate	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Endrin	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Endrin aldehyde	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Endrin ketone	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
gamma-BHC (Lindane)	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
gamma-Chlordane	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Heptachlor	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Heptachlor epoxide	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Methoxychlor	ND		0.024	mg/Kg-dry	2	02/22/12 05:12 PM
Toxaphene	ND		0.15	mg/Kg-dry	2	02/22/12 05:12 PM
Surr: Decachlorobiphenyl	*86.1*		*45-135*	*%REC*	2	02/22/12 05:12 PM
Surr: Tetrachloro-m-xylene	*102*		*45-124*	*%REC*	2	02/22/12 05:12 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B04-S01-021412 **Lab ID:** 1202447-24
Collection Date: 02/14/12 02:55 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **02/17/12**	Analyst: **LR**
Mercury	**0.040**		**0.020**	**mg/Kg-dry**	1	02/17/12 03:39 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **02/20/12**	Analyst: **RH**
Aluminum	**13,000**		**1.5**	**mg/Kg-dry**	2	02/21/12 11:33 PM
Antimony	ND		0.75	mg/Kg-dry	2	02/21/12 11:33 PM
Arsenic	**11**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:33 PM
Barium	**100**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:33 PM
Beryllium	ND		3.0	mg/Kg-dry	20	02/22/12 05:14 PM
Boron	ND		30	mg/Kg-dry	20	02/22/12 05:14 PM
Cadmium	**0.54**		**0.30**	**mg/Kg-dry**	2	02/21/12 11:33 PM
Calcium	**43,000**		**750**	**mg/Kg-dry**	20	02/22/12 05:14 PM
Chromium	**29**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:33 PM
Cobalt	**12**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:33 PM
Copper	**23**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:33 PM
Iron	**26,000**		**120**	**mg/Kg-dry**	20	02/22/12 05:14 PM
Lead	**49**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:33 PM
Magnesium	**16,000**		**30**	**mg/Kg-dry**	2	02/21/12 11:33 PM
Manganese	**780**		**7.5**	**mg/Kg-dry**	20	02/22/12 05:14 PM
Nickel	**33**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:33 PM
Potassium	**2,900**		**30**	**mg/Kg-dry**	2	02/21/12 11:33 PM
Selenium	**1.2**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:33 PM
Silver	ND		0.75	mg/Kg-dry	2	02/21/12 11:33 PM
Sodium	**110**		**30**	**mg/Kg-dry**	2	02/21/12 11:33 PM
Thallium	ND		0.75	mg/Kg-dry	2	02/21/12 11:33 PM
Vanadium	**35**		**0.75**	**mg/Kg-dry**	2	02/21/12 11:33 PM
Zinc	**110**		**1.5**	**mg/Kg-dry**	2	02/21/12 11:33 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **02/16/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.41	mg/Kg-dry	1	02/17/12 08:47 PM
2,4,5-Trichlorophenol	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
2,4,6-Trichlorophenol	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
2,4-Dichlorophenol	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
2,4-Dimethylphenol	ND		0.41	mg/Kg-dry	1	02/17/12 08:47 PM
2,4-Dinitrophenol	ND		0.82	mg/Kg-dry	1	02/17/12 08:47 PM
2,4-Dinitrotoluene	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
2,6-Dinitrotoluene	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
2-Chloronaphthalene	ND		0.099	mg/Kg-dry	1	02/17/12 08:47 PM
2-Chlorophenol	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
2-Methylnaphthalene	ND		0.099	mg/Kg-dry	1	02/17/12 08:47 PM
2-Methylphenol	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B04-S01-021412
Lab ID: 1202447-24
Collection Date: 02/14/12 02:55 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.82	mg/Kg-dry	1	02/17/12 08:47 PM
2-Nitrophenol	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
3,3´-Dichlorobenzidine	ND		0.82	mg/Kg-dry	1	02/17/12 08:47 PM
3-Nitroaniline	ND		0.82	mg/Kg-dry	1	02/17/12 08:47 PM
4,6-Dinitro-2-methylphenol	ND		0.41	mg/Kg-dry	1	02/17/12 08:47 PM
4-Bromophenyl phenyl ether	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
4-Chloro-3-methylphenol	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
4-Chloroaniline	ND		0.82	mg/Kg-dry	1	02/17/12 08:47 PM
4-Chlorophenyl phenyl ether	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
4-Methylphenol	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
4-Nitroaniline	ND		0.82	mg/Kg-dry	1	02/17/12 08:47 PM
4-Nitrophenol	ND		0.82	mg/Kg-dry	1	02/17/12 08:47 PM
Acenaphthene	ND		0.037	mg/Kg-dry	1	02/17/12 08:47 PM
Acenaphthylene	ND		0.037	mg/Kg-dry	1	02/17/12 08:47 PM
Acetophenone	ND		0.41	mg/Kg-dry	1	02/17/12 08:47 PM
Anthracene	ND		0.037	mg/Kg-dry	1	02/17/12 08:47 PM
Atrazine	ND		0.41	mg/Kg-dry	1	02/17/12 08:47 PM
Benzaldehyde	ND		0.41	mg/Kg-dry	1	02/17/12 08:47 PM
Benzo(a)anthracene	ND		0.037	mg/Kg-dry	1	02/17/12 08:47 PM
Benzo(a)pyrene	ND		0.037	mg/Kg-dry	1	02/17/12 08:47 PM
Benzo(b)fluoranthene	ND		0.037	mg/Kg-dry	1	02/17/12 08:47 PM
Benzo(g,h,i)perylene	ND		0.037	mg/Kg-dry	1	02/17/12 08:47 PM
Benzo(k)fluoranthene	ND		0.037	mg/Kg-dry	1	02/17/12 08:47 PM
Bis(2-chloroethoxy)methane	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
Bis(2-chloroethyl)ether	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
Bis(2-chloroisopropyl)ether	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
Bis(2-ethylhexyl)phthalate	ND		0.41	mg/Kg-dry	1	02/17/12 08:47 PM
Butyl benzyl phthalate	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
Caprolactam	ND		0.41	mg/Kg-dry	1	02/17/12 08:47 PM
Carbazole	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
Chrysene	ND		0.037	mg/Kg-dry	1	02/17/12 08:47 PM
Dibenzo(a,h)anthracene	ND		0.037	mg/Kg-dry	1	02/17/12 08:47 PM
Dibenzofuran	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
Diethyl phthalate	ND		0.41	mg/Kg-dry	1	02/17/12 08:47 PM
Dimethyl phthalate	ND		0.41	mg/Kg-dry	1	02/17/12 08:47 PM
Di-n-butyl phthalate	ND		0.41	mg/Kg-dry	1	02/17/12 08:47 PM
Di-n-octyl phthalate	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
Fluoranthene	ND		0.037	mg/Kg-dry	1	02/17/12 08:47 PM
Fluorene	ND		0.037	mg/Kg-dry	1	02/17/12 08:47 PM
Hexachlorobenzene	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM

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

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B04-S01-021412 **Lab ID:** 1202447-24
Collection Date: 02/14/12 02:55 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
Hexachlorocyclopentadiene	ND		0.41	mg/Kg-dry	1	02/17/12 08:47 PM
Hexachloroethane	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
Indeno(1,2,3-cd)pyrene	ND		0.037	mg/Kg-dry	1	02/17/12 08:47 PM
Isophorone	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
Naphthalene	ND		0.037	mg/Kg-dry	1	02/17/12 08:47 PM
Nitrobenzene	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
N-Nitrosodi-n-propylamine	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
N-Nitrosodiphenylamine	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
Pentachlorophenol	ND		0.41	mg/Kg-dry	1	02/17/12 08:47 PM
Phenanthrene	ND		0.037	mg/Kg-dry	1	02/17/12 08:47 PM
Phenol	ND		0.20	mg/Kg-dry	1	02/17/12 08:47 PM
Pyrene	ND		0.037	mg/Kg-dry	1	02/17/12 08:47 PM
Surr: 2,4,6-Tribromophenol	*74.7*		*34-140*	*%REC*	1	02/17/12 08:47 PM
Surr: 2-Fluorobiphenyl	*68.5*		*12-100*	*%REC*	1	02/17/12 08:47 PM
Surr: 2-Fluorophenol	*79.6*		*33-117*	*%REC*	1	02/17/12 08:47 PM
Surr: 4-Terphenyl-d14	*89.5*		*25-137*	*%REC*	1	02/17/12 08:47 PM
Surr: Nitrobenzene-d5	*75.1*		*37-107*	*%REC*	1	02/17/12 08:47 PM
Surr: Phenol-d6	*81.1*		*40-106*	*%REC*	1	02/17/12 08:47 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **AK**
1,1,1-Trichloroethane	ND		0.064	mg/Kg-dry	50	02/17/12 05:08 PM
1,1,2,2-Tetrachloroethane	ND		0.13	mg/Kg-dry	50	02/17/12 05:08 PM
1,1,2-Trichloroethane	ND		0.13	mg/Kg-dry	50	02/17/12 05:08 PM
1,1,2-Trichlorotrifluoroethane	ND		0.064	mg/Kg-dry	50	02/17/12 05:08 PM
1,1-Dichloroethane	ND		0.064	mg/Kg-dry	50	02/17/12 05:08 PM
1,1-Dichloroethene	ND		0.064	mg/Kg-dry	50	02/17/12 05:08 PM
1,2,4-Trichlorobenzene	ND		0.064	mg/Kg-dry	50	02/17/12 05:08 PM
1,2-Dibromo-3-chloropropane	ND		0.13	mg/Kg-dry	50	02/17/12 05:08 PM
1,2-Dibromoethane	ND		0.095	mg/Kg-dry	50	02/17/12 05:08 PM
1,2-Dichlorobenzene	ND		0.064	mg/Kg-dry	50	02/17/12 05:08 PM
1,2-Dichloroethane	ND		0.064	mg/Kg-dry	50	02/17/12 05:08 PM
1,2-Dichloropropane	ND		0.22	mg/Kg-dry	50	02/17/12 05:08 PM
1,3-Dichlorobenzene	ND		0.064	mg/Kg-dry	50	02/17/12 05:08 PM
1,4-Dichlorobenzene	ND		0.064	mg/Kg-dry	50	02/17/12 05:08 PM
2-Butanone	ND		0.48	mg/Kg-dry	50	02/17/12 05:08 PM
2-Hexanone	ND		0.32	mg/Kg-dry	50	02/17/12 05:08 PM
4-Methyl-2-pentanone	ND		0.32	mg/Kg-dry	50	02/17/12 05:08 PM
Acetone	ND		0.29	mg/Kg-dry	50	02/17/12 05:08 PM
Benzene	ND		0.064	mg/Kg-dry	50	02/17/12 05:08 PM
Bromodichloromethane	ND		0.095	mg/Kg-dry	50	02/17/12 05:08 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B04-S01-021412 **Lab ID:** 1202447-24
Collection Date: 02/14/12 02:55 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.064	mg/Kg-dry	50	02/17/12 05:08 PM
Bromomethane	ND		0.095	mg/Kg-dry	50	02/17/12 05:08 PM
Carbon disulfide	ND		0.095	mg/Kg-dry	50	02/17/12 05:08 PM
Carbon tetrachloride	ND		0.064	mg/Kg-dry	50	02/17/12 05:08 PM
Chlorobenzene	ND		0.095	mg/Kg-dry	50	02/17/12 05:08 PM
Chloroethane	ND		0.19	mg/Kg-dry	50	02/17/12 05:08 PM
Chloroform	ND		0.064	mg/Kg-dry	50	02/17/12 05:08 PM
Chloromethane	ND		0.19	mg/Kg-dry	50	02/17/12 05:08 PM
cis-1,2-Dichloroethene	ND		0.13	mg/Kg-dry	50	02/17/12 05:08 PM
cis-1,3-Dichloropropene	ND		0.064	mg/Kg-dry	50	02/17/12 05:08 PM
Cyclohexane	ND		0.064	mg/Kg-dry	50	02/17/12 05:08 PM
Dibromochloromethane	ND		0.13	mg/Kg-dry	50	02/17/12 05:08 PM
Dichlorodifluoromethane	ND		0.064	mg/Kg-dry	50	02/17/12 05:08 PM
Ethylbenzene	ND		0.13	mg/Kg-dry	50	02/17/12 05:08 PM
Isopropylbenzene	ND		0.064	mg/Kg-dry	50	02/17/12 05:08 PM
Methyl acetate	ND		0.41	mg/Kg-dry	50	02/17/12 05:08 PM
Methyl tert-butyl ether	ND		0.095	mg/Kg-dry	50	02/17/12 05:08 PM
Methylcyclohexane	ND		1.3	mg/Kg-dry	50	02/17/12 05:08 PM
Methylene chloride	ND		0.13	mg/Kg-dry	50	02/17/12 05:08 PM
Styrene	ND		0.095	mg/Kg-dry	50	02/17/12 05:08 PM
Tetrachloroethene	ND		0.064	mg/Kg-dry	50	02/17/12 05:08 PM
Toluene	ND		0.095	mg/Kg-dry	50	02/17/12 05:08 PM
trans-1,2-Dichloroethene	ND		0.064	mg/Kg-dry	50	02/17/12 05:08 PM
trans-1,3-Dichloropropene	ND		0.095	mg/Kg-dry	50	02/17/12 05:08 PM
Trichloroethene	ND		0.064	mg/Kg-dry	50	02/17/12 05:08 PM
Trichlorofluoromethane	ND		0.064	mg/Kg-dry	50	02/17/12 05:08 PM
Vinyl chloride	ND		0.13	mg/Kg-dry	50	02/17/12 05:08 PM
Xylenes, Total	ND		0.19	mg/Kg-dry	50	02/17/12 05:08 PM
Surr: 1,2-Dichloroethane-d4	*108*		*70-120*	*%REC*	50	02/17/12 05:08 PM
Surr: 4-Bromofluorobenzene	*91.0*		*75-120*	*%REC*	50	02/17/12 05:08 PM
Surr: Dibromofluoromethane	*95.0*		*85-115*	*%REC*	50	02/17/12 05:08 PM
Surr: Toluene-d8	*105*		*85-115*	*%REC*	50	02/17/12 05:08 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **02/20/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.62	mg/Kg-dry	1	02/21/12 02:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**21**		**0.050**	**% of sample**	1	02/16/12 01:42 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B05-S01-021412 **Lab ID:** 1202447-25
Collection Date: 02/14/12 02:50 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **02/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0062	mg/Kg-dry	1	02/21/12 01:38 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/21/12 01:38 PM
2,4-D	ND		0.0062	mg/Kg-dry	1	02/21/12 01:38 PM
Surr: DCAA	*79.6*		*30-150*	*%REC*	1	02/21/12 01:38 PM
PCBS			**SW8082**		Prep Date: **02/20/12**	Analyst: **JD**
Aroclor 1016	ND		0.049	mg/Kg-dry	1	02/24/12 03:24 AM
Aroclor 1221	ND		0.049	mg/Kg-dry	1	02/24/12 03:24 AM
Aroclor 1232	ND		0.049	mg/Kg-dry	1	02/24/12 03:24 AM
Aroclor 1242	ND		0.049	mg/Kg-dry	1	02/24/12 03:24 AM
Aroclor 1248	ND		0.049	mg/Kg-dry	1	02/24/12 03:24 AM
Aroclor 1254	ND		0.049	mg/Kg-dry	1	02/24/12 03:24 AM
Aroclor 1260	ND		0.049	mg/Kg-dry	1	02/24/12 03:24 AM
Surr: Decachlorobiphenyl	*77.1*		*40-140*	*%REC*	1	02/24/12 03:24 AM
PESTICIDES			**SW8081**		Prep Date: **02/20/12**	Analyst: **JD**
4,4´-DDD	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
4,4´-DDE	**0.058**		**0.012**	**mg/Kg-dry**	1	02/22/12 05:12 PM
4,4´-DDT	**0.051**		**0.012**	**mg/Kg-dry**	1	02/22/12 05:12 PM
Aldrin	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
alpha-BHC	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
alpha-Chlordane	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
beta-BHC	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Chlordane, Technical	ND		0.030	mg/Kg-dry	1	02/22/12 05:12 PM
delta-BHC	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Dieldrin	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Endosulfan I	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Endosulfan II	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Endosulfan sulfate	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Endrin	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Endrin aldehyde	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Endrin ketone	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
gamma-BHC (Lindane)	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
gamma-Chlordane	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Heptachlor	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Heptachlor epoxide	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Methoxychlor	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Toxaphene	ND		0.073	mg/Kg-dry	1	02/22/12 05:12 PM
Surr: Decachlorobiphenyl	*89.1*		*45-135*	*%REC*	1	02/22/12 05:12 PM
Surr: Tetrachloro-m-xylene	*96.1*		*45-124*	*%REC*	1	02/22/12 05:12 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B05-S01-021412 **Lab ID:** 1202447-25
Collection Date: 02/14/12 02:50 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **02/20/12**	Analyst: **LR**
Mercury	**0.041**		**0.021**	**mg/Kg-dry**	1	02/21/12 01:33 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **02/20/12**	Analyst: **RH**
Aluminum	**18,000**		**2.0**	**mg/Kg-dry**	2	02/21/12 11:39 PM
Antimony	ND		1.0	mg/Kg-dry	2	02/21/12 11:39 PM
Arsenic	**11**		**1.0**	**mg/Kg-dry**	2	02/21/12 11:39 PM
Barium	**150**		**1.0**	**mg/Kg-dry**	2	02/21/12 11:39 PM
Beryllium	ND		4.0	mg/Kg-dry	20	02/22/12 05:32 PM
Boron	ND		40	mg/Kg-dry	20	02/22/12 05:32 PM
Cadmium	**0.68**		**0.40**	**mg/Kg-dry**	2	02/21/12 11:39 PM
Calcium	**3,700**		**100**	**mg/Kg-dry**	2	02/21/12 11:39 PM
Chromium	**25**		**1.0**	**mg/Kg-dry**	2	02/21/12 11:39 PM
Cobalt	**22**		**1.0**	**mg/Kg-dry**	2	02/21/12 11:39 PM
Copper	**26**		**1.0**	**mg/Kg-dry**	2	02/21/12 11:39 PM
Iron	**33,000**		**16**	**mg/Kg-dry**	2	02/21/12 11:39 PM
Lead	**30**		**1.0**	**mg/Kg-dry**	2	02/21/12 11:39 PM
Magnesium	**5,300**		**40**	**mg/Kg-dry**	2	02/21/12 11:39 PM
Manganese	**1,300**		**10**	**mg/Kg-dry**	20	02/22/12 05:32 PM
Nickel	**43**		**1.0**	**mg/Kg-dry**	2	02/21/12 11:39 PM
Potassium	**2,300**		**40**	**mg/Kg-dry**	2	02/21/12 11:39 PM
Selenium	**2.1**		**1.0**	**mg/Kg-dry**	2	02/21/12 11:39 PM
Silver	ND		1.0	mg/Kg-dry	2	02/21/12 11:39 PM
Sodium	**68**		**40**	**mg/Kg-dry**	2	02/21/12 11:39 PM
Thallium	ND		1.0	mg/Kg-dry	2	02/21/12 11:39 PM
Vanadium	**40**		**1.0**	**mg/Kg-dry**	2	02/21/12 11:39 PM
Zinc	**250**		**2.0**	**mg/Kg-dry**	2	02/21/12 11:39 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **02/16/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.41	mg/Kg-dry	1	02/17/12 09:16 PM
2,4,5-Trichlorophenol	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
2,4,6-Trichlorophenol	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
2,4-Dichlorophenol	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
2,4-Dimethylphenol	ND		0.41	mg/Kg-dry	1	02/17/12 09:16 PM
2,4-Dinitrophenol	ND		0.83	mg/Kg-dry	1	02/17/12 09:16 PM
2,4-Dinitrotoluene	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
2,6-Dinitrotoluene	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
2-Chloronaphthalene	ND		0.10	mg/Kg-dry	1	02/17/12 09:16 PM
2-Chlorophenol	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
2-Methylnaphthalene	ND		0.10	mg/Kg-dry	1	02/17/12 09:16 PM
2-Methylphenol	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B05-S01-021412
Lab ID: 1202447-25
Collection Date: 02/14/12 02:50 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.83	mg/Kg-dry	1	02/17/12 09:16 PM
2-Nitrophenol	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
3,3´-Dichlorobenzidine	ND		0.83	mg/Kg-dry	1	02/17/12 09:16 PM
3-Nitroaniline	ND		0.83	mg/Kg-dry	1	02/17/12 09:16 PM
4,6-Dinitro-2-methylphenol	ND		0.41	mg/Kg-dry	1	02/17/12 09:16 PM
4-Bromophenyl phenyl ether	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
4-Chloro-3-methylphenol	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
4-Chloroaniline	ND		0.83	mg/Kg-dry	1	02/17/12 09:16 PM
4-Chlorophenyl phenyl ether	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
4-Methylphenol	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
4-Nitroaniline	ND		0.83	mg/Kg-dry	1	02/17/12 09:16 PM
4-Nitrophenol	ND		0.83	mg/Kg-dry	1	02/17/12 09:16 PM
Acenaphthene	ND		0.038	mg/Kg-dry	1	02/17/12 09:16 PM
Acenaphthylene	ND		0.038	mg/Kg-dry	1	02/17/12 09:16 PM
Acetophenone	ND		0.41	mg/Kg-dry	1	02/17/12 09:16 PM
Anthracene	ND		0.038	mg/Kg-dry	1	02/17/12 09:16 PM
Atrazine	ND		0.41	mg/Kg-dry	1	02/17/12 09:16 PM
Benzaldehyde	ND		0.41	mg/Kg-dry	1	02/17/12 09:16 PM
Benzo(a)anthracene	ND		0.038	mg/Kg-dry	1	02/17/12 09:16 PM
Benzo(a)pyrene	**0.039**		**0.038**	**mg/Kg-dry**	1	02/17/12 09:16 PM
Benzo(b)fluoranthene	**0.042**		**0.038**	**mg/Kg-dry**	1	02/17/12 09:16 PM
Benzo(g,h,i)perylene	**0.061**		**0.038**	**mg/Kg-dry**	1	02/17/12 09:16 PM
Benzo(k)fluoranthene	ND		0.038	mg/Kg-dry	1	02/17/12 09:16 PM
Bis(2-chloroethoxy)methane	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
Bis(2-chloroethyl)ether	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
Bis(2-chloroisopropyl)ether	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
Bis(2-ethylhexyl)phthalate	ND		0.41	mg/Kg-dry	1	02/17/12 09:16 PM
Butyl benzyl phthalate	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
Caprolactam	ND		0.41	mg/Kg-dry	1	02/17/12 09:16 PM
Carbazole	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
Chrysene	**0.046**		**0.038**	**mg/Kg-dry**	1	02/17/12 09:16 PM
Dibenzo(a,h)anthracene	ND		0.038	mg/Kg-dry	1	02/17/12 09:16 PM
Dibenzofuran	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
Diethyl phthalate	ND		0.41	mg/Kg-dry	1	02/17/12 09:16 PM
Dimethyl phthalate	ND		0.41	mg/Kg-dry	1	02/17/12 09:16 PM
Di-n-butyl phthalate	ND		0.41	mg/Kg-dry	1	02/17/12 09:16 PM
Di-n-octyl phthalate	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
Fluoranthene	**0.059**		**0.038**	**mg/Kg-dry**	1	02/17/12 09:16 PM
Fluorene	ND		0.038	mg/Kg-dry	1	02/17/12 09:16 PM
Hexachlorobenzene	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM

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

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B05-S01-021412 **Lab ID:** 1202447-25
Collection Date: 02/14/12 02:50 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
Hexachlorocyclopentadiene	ND		0.41	mg/Kg-dry	1	02/17/12 09:16 PM
Hexachloroethane	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
Indeno(1,2,3-cd)pyrene	**0.046**		**0.038**	**mg/Kg-dry**	1	02/17/12 09:16 PM
Isophorone	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
Naphthalene	ND		0.038	mg/Kg-dry	1	02/17/12 09:16 PM
Nitrobenzene	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
N-Nitrosodi-n-propylamine	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
N-Nitrosodiphenylamine	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
Pentachlorophenol	ND		0.41	mg/Kg-dry	1	02/17/12 09:16 PM
Phenanthrene	**0.094**		**0.038**	**mg/Kg-dry**	1	02/17/12 09:16 PM
Phenol	ND		0.20	mg/Kg-dry	1	02/17/12 09:16 PM
Pyrene	**0.052**		**0.038**	**mg/Kg-dry**	1	02/17/12 09:16 PM
Surr: 2,4,6-Tribromophenol	*75.2*		*34-140*	*%REC*	1	02/17/12 09:16 PM
Surr: 2-Fluorobiphenyl	*68.6*		*12-100*	*%REC*	1	02/17/12 09:16 PM
Surr: 2-Fluorophenol	*74.3*		*33-117*	*%REC*	1	02/17/12 09:16 PM
Surr: 4-Terphenyl-d14	*91.9*		*25-137*	*%REC*	1	02/17/12 09:16 PM
Surr: Nitrobenzene-d5	*72.5*		*37-107*	*%REC*	1	02/17/12 09:16 PM
Surr: Phenol-d6	*76.9*		*40-106*	*%REC*	1	02/17/12 09:16 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **AK**
1,1,1-Trichloroethane	ND		0.063	mg/Kg-dry	50	02/17/12 05:32 PM
1,1,2,2-Tetrachloroethane	ND		0.13	mg/Kg-dry	50	02/17/12 05:32 PM
1,1,2-Trichloroethane	ND		0.13	mg/Kg-dry	50	02/17/12 05:32 PM
1,1,2-Trichlorotrifluoroethane	ND		0.063	mg/Kg-dry	50	02/17/12 05:32 PM
1,1-Dichloroethane	ND		0.063	mg/Kg-dry	50	02/17/12 05:32 PM
1,1-Dichloroethene	ND		0.063	mg/Kg-dry	50	02/17/12 05:32 PM
1,2,4-Trichlorobenzene	ND		0.063	mg/Kg-dry	50	02/17/12 05:32 PM
1,2-Dibromo-3-chloropropane	ND		0.13	mg/Kg-dry	50	02/17/12 05:32 PM
1,2-Dibromoethane	ND		0.094	mg/Kg-dry	50	02/17/12 05:32 PM
1,2-Dichlorobenzene	ND		0.063	mg/Kg-dry	50	02/17/12 05:32 PM
1,2-Dichloroethane	ND		0.063	mg/Kg-dry	50	02/17/12 05:32 PM
1,2-Dichloropropane	ND		0.22	mg/Kg-dry	50	02/17/12 05:32 PM
1,3-Dichlorobenzene	ND		0.063	mg/Kg-dry	50	02/17/12 05:32 PM
1,4-Dichlorobenzene	ND		0.063	mg/Kg-dry	50	02/17/12 05:32 PM
2-Butanone	ND		0.47	mg/Kg-dry	50	02/17/12 05:32 PM
2-Hexanone	ND		0.31	mg/Kg-dry	50	02/17/12 05:32 PM
4-Methyl-2-pentanone	ND		0.31	mg/Kg-dry	50	02/17/12 05:32 PM
Acetone	ND		0.28	mg/Kg-dry	50	02/17/12 05:32 PM
Benzene	ND		0.063	mg/Kg-dry	50	02/17/12 05:32 PM
Bromodichloromethane	ND		0.094	mg/Kg-dry	50	02/17/12 05:32 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B05-S01-021412 **Lab ID:** 1202447-25
Collection Date: 02/14/12 02:50 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.063	mg/Kg-dry	50	02/17/12 05:32 PM
Bromomethane	ND		0.094	mg/Kg-dry	50	02/17/12 05:32 PM
Carbon disulfide	ND		0.094	mg/Kg-dry	50	02/17/12 05:32 PM
Carbon tetrachloride	ND		0.063	mg/Kg-dry	50	02/17/12 05:32 PM
Chlorobenzene	ND		0.094	mg/Kg-dry	50	02/17/12 05:32 PM
Chloroethane	ND		0.19	mg/Kg-dry	50	02/17/12 05:32 PM
Chloroform	ND		0.063	mg/Kg-dry	50	02/17/12 05:32 PM
Chloromethane	ND		0.19	mg/Kg-dry	50	02/17/12 05:32 PM
cis-1,2-Dichloroethene	ND		0.13	mg/Kg-dry	50	02/17/12 05:32 PM
cis-1,3-Dichloropropene	ND		0.063	mg/Kg-dry	50	02/17/12 05:32 PM
Cyclohexane	ND		0.063	mg/Kg-dry	50	02/17/12 05:32 PM
Dibromochloromethane	ND		0.13	mg/Kg-dry	50	02/17/12 05:32 PM
Dichlorodifluoromethane	ND		0.063	mg/Kg-dry	50	02/17/12 05:32 PM
Ethylbenzene	ND		0.13	mg/Kg-dry	50	02/17/12 05:32 PM
Isopropylbenzene	ND		0.063	mg/Kg-dry	50	02/17/12 05:32 PM
Methyl acetate	ND		0.40	mg/Kg-dry	50	02/17/12 05:32 PM
Methyl tert-butyl ether	ND		0.094	mg/Kg-dry	50	02/17/12 05:32 PM
Methylcyclohexane	ND		1.3	mg/Kg-dry	50	02/17/12 05:32 PM
Methylene chloride	ND		0.13	mg/Kg-dry	50	02/17/12 05:32 PM
Styrene	ND		0.094	mg/Kg-dry	50	02/17/12 05:32 PM
Tetrachloroethene	ND		0.063	mg/Kg-dry	50	02/17/12 05:32 PM
Toluene	ND		0.094	mg/Kg-dry	50	02/17/12 05:32 PM
trans-1,2-Dichloroethene	ND		0.063	mg/Kg-dry	50	02/17/12 05:32 PM
trans-1,3-Dichloropropene	ND		0.094	mg/Kg-dry	50	02/17/12 05:32 PM
Trichloroethene	ND		0.063	mg/Kg-dry	50	02/17/12 05:32 PM
Trichlorofluoromethane	ND		0.063	mg/Kg-dry	50	02/17/12 05:32 PM
Vinyl chloride	ND		0.13	mg/Kg-dry	50	02/17/12 05:32 PM
Xylenes, Total	ND		0.19	mg/Kg-dry	50	02/17/12 05:32 PM
Surr: 1,2-Dichloroethane-d4	*109*		*70-120*	*%REC*	50	02/17/12 05:32 PM
Surr: 4-Bromofluorobenzene	*92.4*		*75-120*	*%REC*	50	02/17/12 05:32 PM
Surr: Dibromofluoromethane	*94.4*		*85-115*	*%REC*	50	02/17/12 05:32 PM
Surr: Toluene-d8	*105*		*85-115*	*%REC*	50	02/17/12 05:32 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **02/20/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.61	mg/Kg-dry	1	02/21/12 02:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**21**		**0.050**	**% of sample**	1	02/16/12 01:42 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B06-S01-021412 **Lab ID:** 1202447-26
Collection Date: 02/14/12 03:50 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **02/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0055	mg/Kg-dry	1	02/21/12 01:38 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/21/12 01:38 PM
2,4-D	ND		0.0055	mg/Kg-dry	1	02/21/12 01:38 PM
Surr: DCAA	*105*		*30-150*	*%REC*	1	02/21/12 01:38 PM
PCBS			**SW8082**		Prep Date: **02/20/12**	Analyst: **JD**
Aroclor 1016	ND		0.045	mg/Kg-dry	1	02/24/12 04:45 AM
Aroclor 1221	ND		0.045	mg/Kg-dry	1	02/24/12 04:45 AM
Aroclor 1232	ND		0.045	mg/Kg-dry	1	02/24/12 04:45 AM
Aroclor 1242	ND		0.045	mg/Kg-dry	1	02/24/12 04:45 AM
Aroclor 1248	ND		0.045	mg/Kg-dry	1	02/24/12 04:45 AM
Aroclor 1254	ND		0.045	mg/Kg-dry	1	02/24/12 04:45 AM
Aroclor 1260	ND		0.045	mg/Kg-dry	1	02/24/12 04:45 AM
Surr: Decachlorobiphenyl	*74.1*		*40-140*	*%REC*	1	02/24/12 04:45 AM
PESTICIDES			**SW8081**		Prep Date: **02/20/12**	Analyst: **JD**
4,4´-DDD	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
4,4´-DDE	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
4,4´-DDT	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Aldrin	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
alpha-BHC	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
alpha-Chlordane	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
beta-BHC	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Chlordane, Technical	ND		0.56	mg/Kg-dry	20	02/22/12 05:12 PM
delta-BHC	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Dieldrin	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Endosulfan I	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Endosulfan II	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Endosulfan sulfate	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Endrin	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Endrin aldehyde	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Endrin ketone	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
gamma-BHC (Lindane)	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
gamma-Chlordane	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Heptachlor	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Heptachlor epoxide	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Methoxychlor	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Toxaphene	ND		1.3	mg/Kg-dry	20	02/22/12 05:12 PM
Surr: Decachlorobiphenyl	*100*		*45-135*	*%REC*	20	02/22/12 05:12 PM
Surr: Tetrachloro-m-xylene	*100*		*45-124*	*%REC*	20	02/22/12 05:12 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B06-S01-021412
Lab ID: 1202447-26
Collection Date: 02/14/12 03:50 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **02/20/12**	Analyst: **LR**
Mercury	**0.050**		**0.020**	**mg/Kg-dry**	1	02/21/12 01:35 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **02/20/12**	Analyst: **RH**
Aluminum	**8,400**		**1.7**	**mg/Kg-dry**	2	02/21/12 11:45 PM
Antimony	**1.4**		**0.83**	**mg/Kg-dry**	2	02/21/12 11:45 PM
Arsenic	**4.4**		**0.83**	**mg/Kg-dry**	2	02/21/12 11:45 PM
Barium	**67**		**0.83**	**mg/Kg-dry**	2	02/21/12 11:45 PM
Beryllium	**0.50**		**0.33**	**mg/Kg-dry**	2	02/21/12 11:45 PM
Boron	**5.5**		**3.3**	**mg/Kg-dry**	2	02/21/12 11:45 PM
Cadmium	**0.73**		**0.33**	**mg/Kg-dry**	2	02/21/12 11:45 PM
Calcium	**35,000**		**830**	**mg/Kg-dry**	20	02/22/12 05:44 PM
Chromium	**100**		**0.83**	**mg/Kg-dry**	2	02/21/12 11:45 PM
Cobalt	**3.8**		**0.83**	**mg/Kg-dry**	2	02/21/12 11:45 PM
Copper	**880**		**8.3**	**mg/Kg-dry**	20	02/22/12 05:44 PM
Iron	**34,000**		**130**	**mg/Kg-dry**	20	02/22/12 05:44 PM
Lead	**110**		**0.83**	**mg/Kg-dry**	2	02/21/12 11:45 PM
Magnesium	**9,700**		**33**	**mg/Kg-dry**	2	02/21/12 11:45 PM
Manganese	**3,400**		**83**	**mg/Kg-dry**	200	02/22/12 05:38 PM
Nickel	**21**		**0.83**	**mg/Kg-dry**	2	02/21/12 11:45 PM
Potassium	**830**		**33**	**mg/Kg-dry**	2	02/21/12 11:45 PM
Selenium	**0.85**		**0.83**	**mg/Kg-dry**	2	02/21/12 11:45 PM
Silver	ND		0.83	mg/Kg-dry	2	02/21/12 11:45 PM
Sodium	**210**		**33**	**mg/Kg-dry**	2	02/21/12 11:45 PM
Thallium	ND		0.83	mg/Kg-dry	2	02/21/12 11:45 PM
Vanadium	**10**		**0.83**	**mg/Kg-dry**	2	02/21/12 11:45 PM
Zinc	**79**		**1.7**	**mg/Kg-dry**	2	02/21/12 11:45 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **02/16/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.37	mg/Kg-dry	1	02/20/12 09:14 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
2,4-Dimethylphenol	ND		0.37	mg/Kg-dry	1	02/20/12 09:14 PM
2,4-Dinitrophenol	ND		0.74	mg/Kg-dry	1	02/20/12 09:14 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
2-Chloronaphthalene	ND		0.089	mg/Kg-dry	1	02/20/12 09:14 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
2-Methylnaphthalene	ND		0.089	mg/Kg-dry	1	02/20/12 09:14 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B06-S01-021412
Lab ID: 1202447-26
Collection Date: 02/14/12 03:50 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.74	mg/Kg-dry	1	02/20/12 09:14 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
3,3´-Dichlorobenzidine	ND		0.74	mg/Kg-dry	1	02/20/12 09:14 PM
3-Nitroaniline	ND		0.74	mg/Kg-dry	1	02/20/12 09:14 PM
4,6-Dinitro-2-methylphenol	ND		0.37	mg/Kg-dry	1	02/20/12 09:14 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
4-Chloroaniline	ND		0.74	mg/Kg-dry	1	02/20/12 09:14 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
4-Nitroaniline	ND		0.74	mg/Kg-dry	1	02/20/12 09:14 PM
4-Nitrophenol	ND		0.74	mg/Kg-dry	1	02/20/12 09:14 PM
Acenaphthene	ND		0.033	mg/Kg-dry	1	02/20/12 09:14 PM
Acenaphthylene	ND		0.033	mg/Kg-dry	1	02/20/12 09:14 PM
Acetophenone	ND		0.37	mg/Kg-dry	1	02/20/12 09:14 PM
Anthracene	**0.084**		**0.033**	**mg/Kg-dry**	1	02/20/12 09:14 PM
Atrazine	ND		0.37	mg/Kg-dry	1	02/20/12 09:14 PM
Benzaldehyde	ND		0.37	mg/Kg-dry	1	02/20/12 09:14 PM
Benzo(a)anthracene	**0.25**		**0.033**	**mg/Kg-dry**	1	02/20/12 09:14 PM
Benzo(a)pyrene	**0.25**		**0.033**	**mg/Kg-dry**	1	02/20/12 09:14 PM
Benzo(b)fluoranthene	**0.41**		**0.033**	**mg/Kg-dry**	1	02/20/12 09:14 PM
Benzo(g,h,i)perylene	**0.097**		**0.033**	**mg/Kg-dry**	1	02/20/12 09:14 PM
Benzo(k)fluoranthene	**0.17**		**0.033**	**mg/Kg-dry**	1	02/20/12 09:14 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
Bis(2-ethylhexyl)phthalate	ND		0.37	mg/Kg-dry	1	02/20/12 09:14 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
Caprolactam	ND		0.37	mg/Kg-dry	1	02/20/12 09:14 PM
Carbazole	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
Chrysene	**0.24**		**0.033**	**mg/Kg-dry**	1	02/20/12 09:14 PM
Dibenzo(a,h)anthracene	ND		0.033	mg/Kg-dry	1	02/20/12 09:14 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
Diethyl phthalate	ND		0.37	mg/Kg-dry	1	02/20/12 09:14 PM
Dimethyl phthalate	ND		0.37	mg/Kg-dry	1	02/20/12 09:14 PM
Di-n-butyl phthalate	ND		0.37	mg/Kg-dry	1	02/20/12 09:14 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
Fluoranthene	**0.59**		**0.033**	**mg/Kg-dry**	1	02/20/12 09:14 PM
Fluorene	ND		0.033	mg/Kg-dry	1	02/20/12 09:14 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM

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

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B06-S01-021412 **Lab ID:** 1202447-26
Collection Date: 02/14/12 03:50 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
Hexachlorocyclopentadiene	ND		0.37	mg/Kg-dry	1	02/20/12 09:14 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
Indeno(1,2,3-cd)pyrene	**0.092**		**0.033**	**mg/Kg-dry**	1	02/20/12 09:14 PM
Isophorone	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
Naphthalene	**0.064**		**0.033**	**mg/Kg-dry**	1	02/20/12 09:14 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
Pentachlorophenol	ND		0.37	mg/Kg-dry	1	02/20/12 09:14 PM
Phenanthrene	**0.38**		**0.033**	**mg/Kg-dry**	1	02/20/12 09:14 PM
Phenol	ND		0.18	mg/Kg-dry	1	02/20/12 09:14 PM
Pyrene	**0.50**		**0.033**	**mg/Kg-dry**	1	02/20/12 09:14 PM
Surr: 2,4,6-Tribromophenol	*77.3*		*34-140*	*%REC*	1	02/20/12 09:14 PM
Surr: 2-Fluorobiphenyl	*72.2*		*12-100*	*%REC*	1	02/20/12 09:14 PM
Surr: 2-Fluorophenol	*64.4*		*33-117*	*%REC*	1	02/20/12 09:14 PM
Surr: 4-Terphenyl-d14	*99.9*		*25-137*	*%REC*	1	02/20/12 09:14 PM
Surr: Nitrobenzene-d5	*68.0*		*37-107*	*%REC*	1	02/20/12 09:14 PM
Surr: Phenol-d6	*74.2*		*40-106*	*%REC*	1	02/20/12 09:14 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **AK**
1,1,1-Trichloroethane	ND		0.056	mg/Kg-dry	50	02/17/12 05:57 PM
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg-dry	50	02/17/12 05:57 PM
1,1,2-Trichloroethane	ND		0.11	mg/Kg-dry	50	02/17/12 05:57 PM
1,1,2-Trichlorotrifluoroethane	ND		0.056	mg/Kg-dry	50	02/17/12 05:57 PM
1,1-Dichloroethane	ND		0.056	mg/Kg-dry	50	02/17/12 05:57 PM
1,1-Dichloroethene	ND		0.056	mg/Kg-dry	50	02/17/12 05:57 PM
1,2,4-Trichlorobenzene	ND		0.056	mg/Kg-dry	50	02/17/12 05:57 PM
1,2-Dibromo-3-chloropropane	ND		0.11	mg/Kg-dry	50	02/17/12 05:57 PM
1,2-Dibromoethane	ND		0.084	mg/Kg-dry	50	02/17/12 05:57 PM
1,2-Dichlorobenzene	ND		0.056	mg/Kg-dry	50	02/17/12 05:57 PM
1,2-Dichloroethane	ND		0.056	mg/Kg-dry	50	02/17/12 05:57 PM
1,2-Dichloropropane	ND		0.20	mg/Kg-dry	50	02/17/12 05:57 PM
1,3-Dichlorobenzene	ND		0.056	mg/Kg-dry	50	02/17/12 05:57 PM
1,4-Dichlorobenzene	ND		0.056	mg/Kg-dry	50	02/17/12 05:57 PM
2-Butanone	ND		0.42	mg/Kg-dry	50	02/17/12 05:57 PM
2-Hexanone	ND		0.28	mg/Kg-dry	50	02/17/12 05:57 PM
4-Methyl-2-pentanone	ND		0.28	mg/Kg-dry	50	02/17/12 05:57 PM
Acetone	ND		0.25	mg/Kg-dry	50	02/17/12 05:57 PM
Benzene	ND		0.056	mg/Kg-dry	50	02/17/12 05:57 PM
Bromodichloromethane	ND		0.084	mg/Kg-dry	50	02/17/12 05:57 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B06-S01-021412 **Lab ID:** 1202447-26
Collection Date: 02/14/12 03:50 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.056	mg/Kg-dry	50	02/17/12 05:57 PM
Bromomethane	ND		0.084	mg/Kg-dry	50	02/17/12 05:57 PM
Carbon disulfide	ND		0.084	mg/Kg-dry	50	02/17/12 05:57 PM
Carbon tetrachloride	ND		0.056	mg/Kg-dry	50	02/17/12 05:57 PM
Chlorobenzene	ND		0.084	mg/Kg-dry	50	02/17/12 05:57 PM
Chloroethane	ND		0.17	mg/Kg-dry	50	02/17/12 05:57 PM
Chloroform	ND		0.056	mg/Kg-dry	50	02/17/12 05:57 PM
Chloromethane	ND		0.17	mg/Kg-dry	50	02/17/12 05:57 PM
cis-1,2-Dichloroethene	ND		0.11	mg/Kg-dry	50	02/17/12 05:57 PM
cis-1,3-Dichloropropene	ND		0.056	mg/Kg-dry	50	02/17/12 05:57 PM
Cyclohexane	ND		0.056	mg/Kg-dry	50	02/17/12 05:57 PM
Dibromochloromethane	ND		0.11	mg/Kg-dry	50	02/17/12 05:57 PM
Dichlorodifluoromethane	ND		0.056	mg/Kg-dry	50	02/17/12 05:57 PM
Ethylbenzene	ND		0.11	mg/Kg-dry	50	02/17/12 05:57 PM
Isopropylbenzene	ND		0.056	mg/Kg-dry	50	02/17/12 05:57 PM
Methyl acetate	ND		0.48	mg/Kg-dry	50	02/17/12 05:57 PM
Methyl tert-butyl ether	ND		0.084	mg/Kg-dry	50	02/17/12 05:57 PM
Methylcyclohexane	ND		1.1	mg/Kg-dry	50	02/17/12 05:57 PM
Methylene chloride	ND		0.11	mg/Kg-dry	50	02/17/12 05:57 PM
Styrene	ND		0.084	mg/Kg-dry	50	02/17/12 05:57 PM
Tetrachloroethene	ND		0.056	mg/Kg-dry	50	02/17/12 05:57 PM
Toluene	ND		0.084	mg/Kg-dry	50	02/17/12 05:57 PM
trans-1,2-Dichloroethene	ND		0.056	mg/Kg-dry	50	02/17/12 05:57 PM
trans-1,3-Dichloropropene	ND		0.084	mg/Kg-dry	50	02/17/12 05:57 PM
Trichloroethene	ND		0.056	mg/Kg-dry	50	02/17/12 05:57 PM
Trichlorofluoromethane	ND		0.056	mg/Kg-dry	50	02/17/12 05:57 PM
Vinyl chloride	ND		0.11	mg/Kg-dry	50	02/17/12 05:57 PM
Xylenes, Total	ND		0.17	mg/Kg-dry	50	02/17/12 05:57 PM
Surr: 1,2-Dichloroethane-d4	*110*		*70-120*	*%REC*	50	02/17/12 05:57 PM
Surr: 4-Bromofluorobenzene	*93.0*		*75-120*	*%REC*	50	02/17/12 05:57 PM
Surr: Dibromofluoromethane	*94.2*		*85-115*	*%REC*	50	02/17/12 05:57 PM
Surr: Toluene-d8	*104*		*85-115*	*%REC*	50	02/17/12 05:57 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **02/20/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.54	mg/Kg-dry	1	02/21/12 02:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**11**		**0.050**	**% of sample**	1	02/16/12 01:42 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B06-S01-021412-DP **Lab ID:** 1202447-27
Collection Date: 02/14/12 03:50 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **02/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0056	mg/Kg-dry	1	02/21/12 01:38 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/21/12 01:38 PM
2,4-D	ND		0.0056	mg/Kg-dry	1	02/21/12 01:38 PM
Surr: DCAA	*80.8*		*30-150*	*%REC*	1	02/21/12 01:38 PM
PCBS			**SW8082**		Prep Date: **02/20/12**	Analyst: **JD**
Aroclor 1016	ND		0.044	mg/Kg-dry	1	02/24/12 05:05 AM
Aroclor 1221	ND		0.044	mg/Kg-dry	1	02/24/12 05:05 AM
Aroclor 1232	ND		0.044	mg/Kg-dry	1	02/24/12 05:05 AM
Aroclor 1242	ND		0.044	mg/Kg-dry	1	02/24/12 05:05 AM
Aroclor 1248	ND		0.044	mg/Kg-dry	1	02/24/12 05:05 AM
Aroclor 1254	ND		0.044	mg/Kg-dry	1	02/24/12 05:05 AM
Aroclor 1260	ND		0.044	mg/Kg-dry	1	02/24/12 05:05 AM
Surr: Decachlorobiphenyl	*81.1*		*40-140*	*%REC*	1	02/24/12 05:05 AM
PESTICIDES			**SW8081**		Prep Date: **02/20/12**	Analyst: **JD**
4,4´-DDD	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
4,4´-DDE	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
4,4´-DDT	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Aldrin	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
alpha-BHC	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
alpha-Chlordane	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
beta-BHC	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Chlordane, Technical	ND		0.55	mg/Kg-dry	20	02/22/12 05:12 PM
delta-BHC	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Dieldrin	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Endosulfan I	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Endosulfan II	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Endosulfan sulfate	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Endrin	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Endrin aldehyde	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Endrin ketone	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
gamma-BHC (Lindane)	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
gamma-Chlordane	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Heptachlor	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Heptachlor epoxide	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Methoxychlor	ND		0.22	mg/Kg-dry	20	02/22/12 05:12 PM
Toxaphene	ND		1.3	mg/Kg-dry	20	02/22/12 05:12 PM
Surr: Decachlorobiphenyl	*100*		*45-135*	*%REC*	20	02/22/12 05:12 PM
Surr: Tetrachloro-m-xylene	*120*		*45-124*	*%REC*	20	02/22/12 05:12 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B06-S01-021412-DP **Lab ID:** 1202447-27
Collection Date: 02/14/12 03:50 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **02/20/12**	Analyst: **LR**
Mercury	**0.060**		**0.021**	**mg/Kg-dry**	1	02/21/12 01:38 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **02/20/12**	Analyst: **RH**
Aluminum	**5,900**		**1.5**	**mg/Kg-dry**	2	02/21/12 11:51 PM
Antimony	**1.9**		**0.76**	**mg/Kg-dry**	2	02/21/12 11:51 PM
Arsenic	**5.7**		**0.76**	**mg/Kg-dry**	2	02/21/12 11:51 PM
Barium	**58**		**0.76**	**mg/Kg-dry**	2	02/21/12 11:51 PM
Beryllium	ND		0.31	mg/Kg-dry	2	02/21/12 11:51 PM
Boron	**5.2**		**3.1**	**mg/Kg-dry**	2	02/21/12 11:51 PM
Cadmium	**1.0**		**0.31**	**mg/Kg-dry**	2	02/21/12 11:51 PM
Calcium	**19,000**		**76**	**mg/Kg-dry**	2	02/21/12 11:51 PM
Chromium	**160**		**0.76**	**mg/Kg-dry**	2	02/21/12 11:51 PM
Cobalt	**5.1**		**0.76**	**mg/Kg-dry**	2	02/21/12 11:51 PM
Copper	**460**		**7.6**	**mg/Kg-dry**	20	02/22/12 05:50 PM
Iron	**41,000**		**120**	**mg/Kg-dry**	20	02/22/12 05:50 PM
Lead	**160**		**0.76**	**mg/Kg-dry**	2	02/21/12 11:51 PM
Magnesium	**6,800**		**31**	**mg/Kg-dry**	2	02/21/12 11:51 PM
Manganese	**1,900**		**7.6**	**mg/Kg-dry**	20	02/22/12 05:50 PM
Nickel	**39**		**0.76**	**mg/Kg-dry**	2	02/21/12 11:51 PM
Potassium	**690**		**31**	**mg/Kg-dry**	2	02/21/12 11:51 PM
Selenium	**0.84**		**0.76**	**mg/Kg-dry**	2	02/21/12 11:51 PM
Silver	ND		0.76	mg/Kg-dry	2	02/21/12 11:51 PM
Sodium	**160**		**31**	**mg/Kg-dry**	2	02/21/12 11:51 PM
Thallium	ND		0.76	mg/Kg-dry	2	02/21/12 11:51 PM
Vanadium	**12**		**0.76**	**mg/Kg-dry**	2	02/21/12 11:51 PM
Zinc	**240**		**1.5**	**mg/Kg-dry**	2	02/21/12 11:51 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **02/16/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.36	mg/Kg-dry	1	02/20/12 08:45 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
2,4-Dimethylphenol	ND		0.36	mg/Kg-dry	1	02/20/12 08:45 PM
2,4-Dinitrophenol	ND		0.73	mg/Kg-dry	1	02/20/12 08:45 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
2-Chloronaphthalene	ND		0.088	mg/Kg-dry	1	02/20/12 08:45 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
2-Methylnaphthalene	ND		0.088	mg/Kg-dry	1	02/20/12 08:45 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B06-S01-021412-DP
Lab ID: 1202447-27
Collection Date: 02/14/12 03:50 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.73	mg/Kg-dry	1	02/20/12 08:45 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
3,3´-Dichlorobenzidine	ND		0.73	mg/Kg-dry	1	02/20/12 08:45 PM
3-Nitroaniline	ND		0.73	mg/Kg-dry	1	02/20/12 08:45 PM
4,6-Dinitro-2-methylphenol	ND		0.36	mg/Kg-dry	1	02/20/12 08:45 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
4-Chloroaniline	ND		0.73	mg/Kg-dry	1	02/20/12 08:45 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
4-Nitroaniline	ND		0.73	mg/Kg-dry	1	02/20/12 08:45 PM
4-Nitrophenol	ND		0.73	mg/Kg-dry	1	02/20/12 08:45 PM
Acenaphthene	ND		0.033	mg/Kg-dry	1	02/20/12 08:45 PM
Acenaphthylene	ND		0.033	mg/Kg-dry	1	02/20/12 08:45 PM
Acetophenone	ND		0.36	mg/Kg-dry	1	02/20/12 08:45 PM
Anthracene	ND		0.033	mg/Kg-dry	1	02/20/12 08:45 PM
Atrazine	ND		0.36	mg/Kg-dry	1	02/20/12 08:45 PM
Benzaldehyde	ND		0.36	mg/Kg-dry	1	02/20/12 08:45 PM
Benzo(a)anthracene	**0.11**		**0.033**	**mg/Kg-dry**	1	02/20/12 08:45 PM
Benzo(a)pyrene	**0.13**		**0.033**	**mg/Kg-dry**	1	02/20/12 08:45 PM
Benzo(b)fluoranthene	**0.19**		**0.033**	**mg/Kg-dry**	1	02/20/12 08:45 PM
Benzo(g,h,i)perylene	**0.075**		**0.033**	**mg/Kg-dry**	1	02/20/12 08:45 PM
Benzo(k)fluoranthene	**0.068**		**0.033**	**mg/Kg-dry**	1	02/20/12 08:45 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
Bis(2-ethylhexyl)phthalate	ND		0.36	mg/Kg-dry	1	02/20/12 08:45 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
Caprolactam	ND		0.36	mg/Kg-dry	1	02/20/12 08:45 PM
Carbazole	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
Chrysene	**0.12**		**0.033**	**mg/Kg-dry**	1	02/20/12 08:45 PM
Dibenzo(a,h)anthracene	ND		0.033	mg/Kg-dry	1	02/20/12 08:45 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
Diethyl phthalate	ND		0.36	mg/Kg-dry	1	02/20/12 08:45 PM
Dimethyl phthalate	ND		0.36	mg/Kg-dry	1	02/20/12 08:45 PM
Di-n-butyl phthalate	ND		0.36	mg/Kg-dry	1	02/20/12 08:45 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
Fluoranthene	**0.22**		**0.033**	**mg/Kg-dry**	1	02/20/12 08:45 PM
Fluorene	ND		0.033	mg/Kg-dry	1	02/20/12 08:45 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM

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

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B06-S01-021412-DP **Lab ID:** 1202447-27
Collection Date: 02/14/12 03:50 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
Hexachlorocyclopentadiene	ND		0.36	mg/Kg-dry	1	02/20/12 08:45 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
Indeno(1,2,3-cd)pyrene	**0.067**		**0.033**	**mg/Kg-dry**	1	02/20/12 08:45 PM
Isophorone	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
Naphthalene	ND		0.033	mg/Kg-dry	1	02/20/12 08:45 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
Pentachlorophenol	ND		0.36	mg/Kg-dry	1	02/20/12 08:45 PM
Phenanthrene	**0.11**		**0.033**	**mg/Kg-dry**	1	02/20/12 08:45 PM
Phenol	ND		0.18	mg/Kg-dry	1	02/20/12 08:45 PM
Pyrene	**0.19**		**0.033**	**mg/Kg-dry**	1	02/20/12 08:45 PM
Surr: 2,4,6-Tribromophenol	*76.8*		*34-140*	*%REC*	1	02/20/12 08:45 PM
Surr: 2-Fluorobiphenyl	*73.0*		*12-100*	*%REC*	1	02/20/12 08:45 PM
Surr: 2-Fluorophenol	*67.3*		*33-117*	*%REC*	1	02/20/12 08:45 PM
Surr: 4-Terphenyl-d14	*96.5*		*25-137*	*%REC*	1	02/20/12 08:45 PM
Surr: Nitrobenzene-d5	*65.5*		*37-107*	*%REC*	1	02/20/12 08:45 PM
Surr: Phenol-d6	*75.3*		*40-106*	*%REC*	1	02/20/12 08:45 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **RS**
1,1,1-Trichloroethane	ND		0.057	mg/Kg-dry	50	02/17/12 06:59 PM
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg-dry	50	02/17/12 06:59 PM
1,1,2-Trichloroethane	ND		0.11	mg/Kg-dry	50	02/17/12 06:59 PM
1,1,2-Trichlorotrifluoroethane	ND		0.057	mg/Kg-dry	50	02/17/12 06:59 PM
1,1-Dichloroethane	ND		0.057	mg/Kg-dry	50	02/17/12 06:59 PM
1,1-Dichloroethene	ND		0.057	mg/Kg-dry	50	02/17/12 06:59 PM
1,2,4-Trichlorobenzene	ND		0.057	mg/Kg-dry	50	02/17/12 06:59 PM
1,2-Dibromo-3-chloropropane	ND		0.11	mg/Kg-dry	50	02/17/12 06:59 PM
1,2-Dibromoethane	ND		0.085	mg/Kg-dry	50	02/17/12 06:59 PM
1,2-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/17/12 06:59 PM
1,2-Dichloroethane	ND		0.057	mg/Kg-dry	50	02/17/12 06:59 PM
1,2-Dichloropropane	ND		0.20	mg/Kg-dry	50	02/17/12 06:59 PM
1,3-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/17/12 06:59 PM
1,4-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/17/12 06:59 PM
2-Butanone	ND		0.43	mg/Kg-dry	50	02/17/12 06:59 PM
2-Hexanone	ND		0.28	mg/Kg-dry	50	02/17/12 06:59 PM
4-Methyl-2-pentanone	ND		0.28	mg/Kg-dry	50	02/17/12 06:59 PM
Acetone	ND		0.26	mg/Kg-dry	50	02/17/12 06:59 PM
Benzene	ND		0.057	mg/Kg-dry	50	02/17/12 06:59 PM
Bromodichloromethane	ND		0.085	mg/Kg-dry	50	02/17/12 06:59 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B06-S01-021412-DP
Lab ID: 1202447-27
Collection Date: 02/14/12 03:50 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.057	mg/Kg-dry	50	02/17/12 06:59 PM
Bromomethane	ND		0.085	mg/Kg-dry	50	02/17/12 06:59 PM
Carbon disulfide	ND		0.085	mg/Kg-dry	50	02/17/12 06:59 PM
Carbon tetrachloride	ND		0.057	mg/Kg-dry	50	02/17/12 06:59 PM
Chlorobenzene	ND		0.085	mg/Kg-dry	50	02/17/12 06:59 PM
Chloroethane	ND		0.17	mg/Kg-dry	50	02/17/12 06:59 PM
Chloroform	ND		0.057	mg/Kg-dry	50	02/17/12 06:59 PM
Chloromethane	ND		0.17	mg/Kg-dry	50	02/17/12 06:59 PM
cis-1,2-Dichloroethene	ND		0.11	mg/Kg-dry	50	02/17/12 06:59 PM
cis-1,3-Dichloropropene	ND		0.057	mg/Kg-dry	50	02/17/12 06:59 PM
Cyclohexane	ND		0.057	mg/Kg-dry	50	02/17/12 06:59 PM
Dibromochloromethane	ND		0.11	mg/Kg-dry	50	02/17/12 06:59 PM
Dichlorodifluoromethane	ND		0.057	mg/Kg-dry	50	02/17/12 06:59 PM
Ethylbenzene	ND		0.11	mg/Kg-dry	50	02/17/12 06:59 PM
Isopropylbenzene	ND		0.057	mg/Kg-dry	50	02/17/12 06:59 PM
Methyl acetate	ND		0.68	mg/Kg-dry	50	02/17/12 06:59 PM
Methyl tert-butyl ether	ND		0.085	mg/Kg-dry	50	02/17/12 06:59 PM
Methylcyclohexane	ND		1.1	mg/Kg-dry	50	02/17/12 06:59 PM
Methylene chloride	ND		0.11	mg/Kg-dry	50	02/17/12 06:59 PM
Styrene	ND		0.085	mg/Kg-dry	50	02/17/12 06:59 PM
Tetrachloroethene	ND		0.057	mg/Kg-dry	50	02/17/12 06:59 PM
Toluene	ND		0.085	mg/Kg-dry	50	02/17/12 06:59 PM
trans-1,2-Dichloroethene	ND		0.057	mg/Kg-dry	50	02/17/12 06:59 PM
trans-1,3-Dichloropropene	ND		0.085	mg/Kg-dry	50	02/17/12 06:59 PM
Trichloroethene	ND		0.057	mg/Kg-dry	50	02/17/12 06:59 PM
Trichlorofluoromethane	ND		0.057	mg/Kg-dry	50	02/17/12 06:59 PM
Vinyl chloride	ND		0.11	mg/Kg-dry	50	02/17/12 06:59 PM
Xylenes, Total	ND		0.17	mg/Kg-dry	50	02/17/12 06:59 PM
Surr: 1,2-Dichloroethane-d4	*106*		*70-120*	*%REC*	50	02/17/12 06:59 PM
Surr: 4-Bromofluorobenzene	*89.4*		*75-120*	*%REC*	50	02/17/12 06:59 PM
Surr: Dibromofluoromethane	*99.2*		*85-115*	*%REC*	50	02/17/12 06:59 PM
Surr: Toluene-d8	*105*		*85-115*	*%REC*	50	02/17/12 06:59 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **02/20/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.56	mg/Kg-dry	1	02/21/12 02:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**12**		**0.050**	**% of sample**	1	02/16/12 01:42 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B06-S02-021412 **Lab ID:** 1202447-28
Collection Date: 02/14/12 04:10 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **02/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0063	mg/Kg-dry	1	02/21/12 01:38 PM
2,4,5-TP (Silvex)	ND		0.013	mg/Kg-dry	1	02/21/12 01:38 PM
2,4-D	ND		0.0063	mg/Kg-dry	1	02/21/12 01:38 PM
Surr: DCAA	*81.8*		*30-150*	*%REC*	1	02/21/12 01:38 PM
PCBS			**SW8082**		Prep Date: **02/20/12**	Analyst: **JD**
Aroclor 1016	ND		0.050	mg/Kg-dry	1	02/24/12 05:25 AM
Aroclor 1221	ND		0.050	mg/Kg-dry	1	02/24/12 05:25 AM
Aroclor 1232	ND		0.050	mg/Kg-dry	1	02/24/12 05:25 AM
Aroclor 1242	ND		0.050	mg/Kg-dry	1	02/24/12 05:25 AM
Aroclor 1248	ND		0.050	mg/Kg-dry	1	02/24/12 05:25 AM
Aroclor 1254	ND		0.050	mg/Kg-dry	1	02/24/12 05:25 AM
Aroclor 1260	ND		0.050	mg/Kg-dry	1	02/24/12 05:25 AM
Surr: Decachlorobiphenyl	*80.1*		*40-140*	*%REC*	1	02/24/12 05:25 AM
PESTICIDES			**SW8081**		Prep Date: **02/20/12**	Analyst: **JD**
4,4´-DDD	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
4,4´-DDE	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
4,4´-DDT	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Aldrin	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
alpha-BHC	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
alpha-Chlordane	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
beta-BHC	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Chlordane, Technical	ND		0.031	mg/Kg-dry	1	02/22/12 05:12 PM
delta-BHC	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Dieldrin	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Endosulfan I	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Endosulfan II	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Endosulfan sulfate	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Endrin	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Endrin aldehyde	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Endrin ketone	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
gamma-BHC (Lindane)	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
gamma-Chlordane	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Heptachlor	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Heptachlor epoxide	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Methoxychlor	ND		0.012	mg/Kg-dry	1	02/22/12 05:12 PM
Toxaphene	ND		0.075	mg/Kg-dry	1	02/22/12 05:12 PM
Surr: Decachlorobiphenyl	*81.1*		*45-135*	*%REC*	1	02/22/12 05:12 PM
Surr: Tetrachloro-m-xylene	*101*		*45-124*	*%REC*	1	02/22/12 05:12 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B06-S02-021412
Lab ID: 1202447-28
Collection Date: 02/14/12 04:10 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			**SW7471**		Prep Date: **02/20/12**	Analyst: **LR**
Mercury	**0.021**		**0.020**	**mg/Kg-dry**	1	02/21/12 01:40 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **02/20/12**	Analyst: **RH**
Aluminum	**8,300**		**1.7**	**mg/Kg-dry**	2	02/21/12 11:57 PM
Antimony	ND	UJ	0.85	mg/Kg-dry	2	02/21/12 11:57 PM
Arsenic	**9.7**		**0.85**	**mg/Kg-dry**	2	02/21/12 11:57 PM
Barium	**56**		**0.85**	**mg/Kg-dry**	2	02/21/12 11:57 PM
Beryllium	**0.39**	J	**0.34**	**mg/Kg-dry**	2	02/21/12 11:57 PM
Boron	**6.5**	J	**3.4**	**mg/Kg-dry**	2	02/21/12 11:57 PM
Cadmium	ND		0.34	mg/Kg-dry	2	02/21/12 11:57 PM
Calcium	**63,000**		**850**	**mg/Kg-dry**	20	02/23/12 12:42 PM
Chromium	**15**	J	**0.85**	**mg/Kg-dry**	2	02/21/12 11:57 PM
Cobalt	**8.9**		**0.85**	**mg/Kg-dry**	2	02/21/12 11:57 PM
Copper	**21**	J	**0.85**	**mg/Kg-dry**	2	02/21/12 11:57 PM
Iron	**22,000**		**14**	**mg/Kg-dry**	2	02/21/12 11:57 PM
Lead	**15**		**0.85**	**mg/Kg-dry**	2	02/21/12 11:57 PM
Magnesium	**19,000**		**34**	**mg/Kg-dry**	2	02/21/12 11:57 PM
Manganese	**560**		**8.5**	**mg/Kg-dry**	20	02/23/12 12:42 PM
Nickel	**24**	J	**0.85**	**mg/Kg-dry**	2	02/21/12 11:57 PM
Potassium	**1,500**	J	**34**	**mg/Kg-dry**	2	02/21/12 11:57 PM
Selenium	**0.98**	J	**0.85**	**mg/Kg-dry**	2	02/21/12 11:57 PM
Silver	ND	UJ	0.85	mg/Kg-dry	2	02/21/12 11:57 PM
Sodium	**160**		**34**	**mg/Kg-dry**	2	02/21/12 11:57 PM
Thallium	ND		0.85	mg/Kg-dry	2	02/21/12 11:57 PM
Vanadium	**27**	J	**0.85**	**mg/Kg-dry**	2	02/21/12 11:57 PM
Zinc	**48**		**1.7**	**mg/Kg-dry**	2	02/21/12 11:57 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **02/16/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.41	mg/Kg-dry	1	02/17/12 05:00 PM
2,4,5-Trichlorophenol	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
2,4,6-Trichlorophenol	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
2,4-Dichlorophenol	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
2,4-Dimethylphenol	ND		0.41	mg/Kg-dry	1	02/17/12 05:00 PM
2,4-Dinitrophenol	ND		0.83	mg/Kg-dry	1	02/17/12 05:00 PM
2,4-Dinitrotoluene	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
2,6-Dinitrotoluene	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
2-Chloronaphthalene	ND		0.10	mg/Kg-dry	1	02/17/12 05:00 PM
2-Chlorophenol	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
2-Methylnaphthalene	ND		0.10	mg/Kg-dry	1	02/17/12 05:00 PM
2-Methylphenol	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM

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

3/7/12

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B06-S02-021412
Lab ID: 1202447-28
Collection Date: 02/14/12 04:10 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.83	mg/Kg-dry	1	02/17/12 05:00 PM
2-Nitrophenol	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
3,3´-Dichlorobenzidine	ND		0.83	mg/Kg-dry	1	02/17/12 05:00 PM
3-Nitroaniline	ND		0.83	mg/Kg-dry	1	02/17/12 05:00 PM
4,6-Dinitro-2-methylphenol	ND		0.41	mg/Kg-dry	1	02/17/12 05:00 PM
4-Bromophenyl phenyl ether	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
4-Chloro-3-methylphenol	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
4-Chloroaniline	ND		0.83	mg/Kg-dry	1	02/17/12 05:00 PM
4-Chlorophenyl phenyl ether	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
4-Methylphenol	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
4-Nitroaniline	ND		0.83	mg/Kg-dry	1	02/17/12 05:00 PM
4-Nitrophenol	ND		0.83	mg/Kg-dry	1	02/17/12 05:00 PM
Acenaphthene	ND		0.038	mg/Kg-dry	1	02/17/12 05:00 PM
Acenaphthylene	ND		0.038	mg/Kg-dry	1	02/17/12 05:00 PM
Acetophenone	ND		0.41	mg/Kg-dry	1	02/17/12 05:00 PM
Anthracene	ND		0.038	mg/Kg-dry	1	02/17/12 05:00 PM
Atrazine	ND		0.41	mg/Kg-dry	1	02/17/12 05:00 PM
Benzaldehyde	ND		0.41	mg/Kg-dry	1	02/17/12 05:00 PM
Benzo(a)anthracene	ND		0.038	mg/Kg-dry	1	02/17/12 05:00 PM
Benzo(a)pyrene	ND		0.038	mg/Kg-dry	1	02/17/12 05:00 PM
Benzo(b)fluoranthene	ND		0.038	mg/Kg-dry	1	02/17/12 05:00 PM
Benzo(g,h,i)perylene	ND		0.038	mg/Kg-dry	1	02/17/12 05:00 PM
Benzo(k)fluoranthene	ND		0.038	mg/Kg-dry	1	02/17/12 05:00 PM
Bis(2-chloroethoxy)methane	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
Bis(2-chloroethyl)ether	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
Bis(2-chloroisopropyl)ether	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
Bis(2-ethylhexyl)phthalate	ND		0.41	mg/Kg-dry	1	02/17/12 05:00 PM
Butyl benzyl phthalate	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
Caprolactam	ND		0.41	mg/Kg-dry	1	02/17/12 05:00 PM
Carbazole	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
Chrysene	ND		0.038	mg/Kg-dry	1	02/17/12 05:00 PM
Dibenzo(a,h)anthracene	ND		0.038	mg/Kg-dry	1	02/17/12 05:00 PM
Dibenzofuran	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
Diethyl phthalate	ND		0.41	mg/Kg-dry	1	02/17/12 05:00 PM
Dimethyl phthalate	ND		0.41	mg/Kg-dry	1	02/17/12 05:00 PM
Di-n-butyl phthalate	ND		0.41	mg/Kg-dry	1	02/17/12 05:00 PM
Di-n-octyl phthalate	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
Fluoranthene	ND		0.038	mg/Kg-dry	1	02/17/12 05:00 PM
Fluorene	ND		0.038	mg/Kg-dry	1	02/17/12 05:00 PM
Hexachlorobenzene	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM

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

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B06-S02-021412 **Lab ID:** 1202447-28
Collection Date: 02/14/12 04:10 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
Hexachlorocyclopentadiene	ND		0.41	mg/Kg-dry	1	02/17/12 05:00 PM
Hexachloroethane	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
Indeno(1,2,3-cd)pyrene	ND		0.038	mg/Kg-dry	1	02/17/12 05:00 PM
Isophorone	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
Naphthalene	ND		0.038	mg/Kg-dry	1	02/17/12 05:00 PM
Nitrobenzene	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
N-Nitrosodi-n-propylamine	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
N-Nitrosodiphenylamine	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
Pentachlorophenol	ND		0.41	mg/Kg-dry	1	02/17/12 05:00 PM
Phenanthrene	ND		0.038	mg/Kg-dry	1	02/17/12 05:00 PM
Phenol	ND		0.20	mg/Kg-dry	1	02/17/12 05:00 PM
Pyrene	ND		0.038	mg/Kg-dry	1	02/17/12 05:00 PM
Surr: 2,4,6-Tribromophenol	*77.2*		*34-140*	*%REC*	1	02/17/12 05:00 PM
Surr: 2-Fluorobiphenyl	*79.0*		*12-100*	*%REC*	1	02/17/12 05:00 PM
Surr: 2-Fluorophenol	*85.9*		*33-117*	*%REC*	1	02/17/12 05:00 PM
Surr: 4-Terphenyl-d14	*90.3*		*25-137*	*%REC*	1	02/17/12 05:00 PM
Surr: Nitrobenzene-d5	*85.6*		*37-107*	*%REC*	1	02/17/12 05:00 PM
Surr: Phenol-d6	*87.3*		*40-106*	*%REC*	1	02/17/12 05:00 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **RS**
1,1,1-Trichloroethane	ND		0.064	mg/Kg-dry	50	02/17/12 07:23 PM
1,1,2,2-Tetrachloroethane	ND		0.13	mg/Kg-dry	50	02/17/12 07:23 PM
1,1,2-Trichloroethane	ND		0.13	mg/Kg-dry	50	02/17/12 07:23 PM
1,1,2-Trichlorotrifluoroethane	ND		0.064	mg/Kg-dry	50	02/17/12 07:23 PM
1,1-Dichloroethane	ND		0.064	mg/Kg-dry	50	02/17/12 07:23 PM
1,1-Dichloroethene	ND		0.064	mg/Kg-dry	50	02/17/12 07:23 PM
1,2,4-Trichlorobenzene	ND		0.064	mg/Kg-dry	50	02/17/12 07:23 PM
1,2-Dibromo-3-chloropropane	ND		0.13	mg/Kg-dry	50	02/17/12 07:23 PM
1,2-Dibromoethane	ND		0.095	mg/Kg-dry	50	02/17/12 07:23 PM
1,2-Dichlorobenzene	ND		0.064	mg/Kg-dry	50	02/17/12 07:23 PM
1,2-Dichloroethane	ND		0.064	mg/Kg-dry	50	02/17/12 07:23 PM
1,2-Dichloropropane	ND		0.22	mg/Kg-dry	50	02/17/12 07:23 PM
1,3-Dichlorobenzene	ND		0.064	mg/Kg-dry	50	02/17/12 07:23 PM
1,4-Dichlorobenzene	ND		0.064	mg/Kg-dry	50	02/17/12 07:23 PM
2-Butanone	ND		0.48	mg/Kg-dry	50	02/17/12 07:23 PM
2-Hexanone	ND		0.32	mg/Kg-dry	50	02/17/12 07:23 PM
4-Methyl-2-pentanone	ND		0.32	mg/Kg-dry	50	02/17/12 07:23 PM
Acetone	ND		0.29	mg/Kg-dry	50	02/17/12 07:23 PM
Benzene	ND		0.064	mg/Kg-dry	50	02/17/12 07:23 PM
Bromodichloromethane	ND		0.095	mg/Kg-dry	50	02/17/12 07:23 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B06-S02-021412
Lab ID: 1202447-28
Collection Date: 02/14/12 04:10 PM
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.064	mg/Kg-dry	50	02/17/12 07:23 PM
Bromomethane	ND		0.095	mg/Kg-dry	50	02/17/12 07:23 PM
Carbon disulfide	ND		0.095	mg/Kg-dry	50	02/17/12 07:23 PM
Carbon tetrachloride	ND		0.064	mg/Kg-dry	50	02/17/12 07:23 PM
Chlorobenzene	ND		0.095	mg/Kg-dry	50	02/17/12 07:23 PM
Chloroethane	ND		0.19	mg/Kg-dry	50	02/17/12 07:23 PM
Chloroform	ND		0.064	mg/Kg-dry	50	02/17/12 07:23 PM
Chloromethane	ND		0.19	mg/Kg-dry	50	02/17/12 07:23 PM
cis-1,2-Dichloroethene	ND		0.13	mg/Kg-dry	50	02/17/12 07:23 PM
cis-1,3-Dichloropropene	ND		0.064	mg/Kg-dry	50	02/17/12 07:23 PM
Cyclohexane	ND		0.064	mg/Kg-dry	50	02/17/12 07:23 PM
Dibromochloromethane	ND		0.13	mg/Kg-dry	50	02/17/12 07:23 PM
Dichlorodifluoromethane	ND		0.064	mg/Kg-dry	50	02/17/12 07:23 PM
Ethylbenzene	ND		0.13	mg/Kg-dry	50	02/17/12 07:23 PM
Isopropylbenzene	ND		0.064	mg/Kg-dry	50	02/17/12 07:23 PM
Methyl acetate	ND		0.70	mg/Kg-dry	50	02/17/12 07:23 PM
Methyl tert-butyl ether	ND		0.095	mg/Kg-dry	50	02/17/12 07:23 PM
Methylcyclohexane	ND		1.3	mg/Kg-dry	50	02/17/12 07:23 PM
Methylene chloride	ND		0.13	mg/Kg-dry	50	02/17/12 07:23 PM
Styrene	ND		0.095	mg/Kg-dry	50	02/17/12 07:23 PM
Tetrachloroethene	ND		0.064	mg/Kg-dry	50	02/17/12 07:23 PM
Toluene	ND		0.095	mg/Kg-dry	50	02/17/12 07:23 PM
trans-1,2-Dichloroethene	ND		0.064	mg/Kg-dry	50	02/17/12 07:23 PM
trans-1,3-Dichloropropene	ND		0.095	mg/Kg-dry	50	02/17/12 07:23 PM
Trichloroethene	ND		0.064	mg/Kg-dry	50	02/17/12 07:23 PM
Trichlorofluoromethane	ND		0.064	mg/Kg-dry	50	02/17/12 07:23 PM
Vinyl chloride	ND		0.13	mg/Kg-dry	50	02/17/12 07:23 PM
Xylenes, Total	ND		0.19	mg/Kg-dry	50	02/17/12 07:23 PM
Surr: 1,2-Dichloroethane-d4	*104*		*70-120*	*%REC*	50	02/17/12 07:23 PM
Surr: 4-Bromofluorobenzene	*90.4*		*75-120*	*%REC*	50	02/17/12 07:23 PM
Surr: Dibromofluoromethane	*99.4*		*85-115*	*%REC*	50	02/17/12 07:23 PM
Surr: Toluene-d8	*106*		*85-115*	*%REC*	50	02/17/12 07:23 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep Date: **02/20/12**	Analyst: **MB**
Chromium, Hexavalent	ND		0.63	mg/Kg-dry	1	02/21/12 02:00 PM
MOISTURE			**A2540 G**			Analyst: **CG**
Moisture	**21**		**0.050**	**% of sample**	1	02/16/12 01:42 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B01-S01-021412 **Lab ID:** 1202447-29
Collection Date: 02/14/12 09:46 AM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **02/21/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/21/12 05:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 05:51 PM
Surr: DCAA	*98.0*		*30-150*	*%REC*	1	02/21/12 05:51 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **02/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	02/23/12 04:38 AM
Endrin	ND		0.00050	mg/L	1	02/23/12 04:38 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/23/12 04:38 AM
Heptachlor	ND		0.00025	mg/L	1	02/23/12 04:38 AM
Methoxychlor	ND		0.0025	mg/L	1	02/23/12 04:38 AM
Toxaphene	ND		0.020	mg/L	1	02/23/12 04:38 AM
Surr: Decachlorobiphenyl	*68.0*		*30-135*	*%REC*	1	02/23/12 04:38 AM
Surr: Tetrachloro-m-xylene	*72.0*		*25-140*	*%REC*	1	02/23/12 04:38 AM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **02/20/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	02/20/12 02:36 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **02/19/12**	Analyst: **RH**
Arsenic	ND		0.010	mg/L	1	02/20/12 08:15 PM
Barium	**0.91**		**0.050**	**mg/L**	1	02/20/12 08:15 PM
Cadmium	**0.0025**		**0.0020**	**mg/L**	1	02/20/12 08:15 PM
Chromium	ND		0.020	mg/L	1	02/20/12 08:15 PM
Lead	ND		0.010	mg/L	1	02/20/12 08:15 PM
Selenium	ND		0.020	mg/L	1	02/20/12 08:15 PM
Silver	ND		0.0050	mg/L	1	02/20/12 08:15 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **02/20/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/21/12 11:15 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/21/12 11:15 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/21/12 11:15 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/21/12 11:15 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/21/12 11:15 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/21/12 11:15 PM
Hexachloroethane	ND		0.10	mg/L	1	02/21/12 11:15 PM
m-Cresol	ND		0.10	mg/L	1	02/21/12 11:15 PM
Nitrobenzene	ND		0.10	mg/L	1	02/21/12 11:15 PM
o-Cresol	ND		0.10	mg/L	1	02/21/12 11:15 PM
p-Cresol	ND		0.10	mg/L	1	02/21/12 11:15 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/21/12 11:15 PM
Pyridine	ND		0.40	mg/L	1	02/21/12 11:15 PM
Surr: 2,4,6-Tribromophenol	*75.8*		*21-125*	*%REC*	1	02/21/12 11:15 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B01-S01-021412
Lab ID: 1202447-29
Collection Date: 02/14/12 09:46 AM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*68.6*		*39-94*	*%REC*	1	02/21/12 11:15 PM
Surr: 2-Fluorophenol	*42.7*		*10-75*	*%REC*	1	02/21/12 11:15 PM
Surr: 4-Terphenyl-d14	*66.7*		*26-119*	*%REC*	1	02/21/12 11:15 PM
Surr: Nitrobenzene-d5	*76.2*		*41-104*	*%REC*	1	02/21/12 11:15 PM
Surr: Phenol-d6	*28.2*		*11-50*	*%REC*	1	02/21/12 11:15 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **02/17/12**	Analyst: **BG**
1,1-Dichloroethene	ND		0.020	mg/L	20	02/21/12 08:33 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/21/12 08:33 AM
2-Butanone	ND		0.20	mg/L	20	02/21/12 08:33 AM
Benzene	ND		0.020	mg/L	20	02/21/12 08:33 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/21/12 08:33 AM
Chlorobenzene	ND		0.020	mg/L	20	02/21/12 08:33 AM
Chloroform	ND		0.020	mg/L	20	02/21/12 08:33 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/21/12 08:33 AM
Trichloroethene	ND		0.020	mg/L	20	02/21/12 08:33 AM
Vinyl chloride	ND		0.020	mg/L	20	02/21/12 08:33 AM
Surr: 1,2-Dichloroethane-d4	*111*		*70-130*	*%REC*	20	02/21/12 08:33 AM
Surr: 4-Bromofluorobenzene	*93.9*		*70-130*	*%REC*	20	02/21/12 08:33 AM
Surr: Dibromofluoromethane	*106*		*70-130*	*%REC*	20	02/21/12 08:33 AM
Surr: Toluene-d8	*96.3*		*70-130*	*%REC*	20	02/21/12 08:33 AM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B01-S01-021412-DP **Lab ID:** 1202447-30
Collection Date: 02/14/12 09:46 AM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **02/21/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/21/12 05:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 05:51 PM
Surr: DCAA	*90.2*		*30-150*	*%REC*	1	02/21/12 05:51 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **02/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 02:59 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 02:59 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 02:59 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 02:59 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 02:59 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 02:59 PM
Surr: Decachlorobiphenyl	*84.0*		*30-135*	*%REC*	1	02/25/12 02:59 PM
Surr: Tetrachloro-m-xylene	*84.0*		*25-140*	*%REC*	1	02/25/12 02:59 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **02/20/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	02/20/12 02:38 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **02/20/12**	Analyst: **RH**
Arsenic	ND		0.010	mg/L	1	02/21/12 04:14 PM
Barium	**0.81**		**0.050**	**mg/L**	1	02/21/12 04:14 PM
Cadmium	**0.0026**		**0.0020**	**mg/L**	1	02/21/12 04:14 PM
Chromium	ND		0.020	mg/L	1	02/21/12 04:14 PM
Lead	**0.014**		**0.010**	**mg/L**	1	02/21/12 04:14 PM
Selenium	ND		0.020	mg/L	1	02/21/12 04:14 PM
Silver	ND		0.0050	mg/L	1	02/21/12 04:14 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **02/20/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/21/12 11:47 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/21/12 11:47 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/21/12 11:47 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/21/12 11:47 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/21/12 11:47 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/21/12 11:47 PM
Hexachloroethane	ND		0.10	mg/L	1	02/21/12 11:47 PM
m-Cresol	ND		0.10	mg/L	1	02/21/12 11:47 PM
Nitrobenzene	ND		0.10	mg/L	1	02/21/12 11:47 PM
o-Cresol	ND		0.10	mg/L	1	02/21/12 11:47 PM
p-Cresol	ND		0.10	mg/L	1	02/21/12 11:47 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/21/12 11:47 PM
Pyridine	ND		0.40	mg/L	1	02/21/12 11:47 PM
Surr: 2,4,6-Tribromophenol	*72.8*		*21-125*	*%REC*	1	02/21/12 11:47 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B01-S01-021412-DP
Lab ID: 1202447-30
Collection Date: 02/14/12 09:46 AM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*65.6*		*39-94*	*%REC*	1	02/21/12 11:47 PM
Surr: 2-Fluorophenol	*42.8*		*10-75*	*%REC*	1	02/21/12 11:47 PM
Surr: 4-Terphenyl-d14	*70.5*		*26-119*	*%REC*	1	02/21/12 11:47 PM
Surr: Nitrobenzene-d5	*70.1*		*41-104*	*%REC*	1	02/21/12 11:47 PM
Surr: Phenol-d6	*27.8*		*11-50*	*%REC*	1	02/21/12 11:47 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **02/18/12**	Analyst: **BG**
1,1-Dichloroethene	ND		0.020	mg/L	20	02/21/12 08:56 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/21/12 08:56 AM
2-Butanone	ND		0.20	mg/L	20	02/21/12 08:56 AM
Benzene	ND		0.020	mg/L	20	02/21/12 08:56 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/21/12 08:56 AM
Chlorobenzene	ND		0.020	mg/L	20	02/21/12 08:56 AM
Chloroform	ND		0.020	mg/L	20	02/21/12 08:56 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/21/12 08:56 AM
Trichloroethene	ND		0.020	mg/L	20	02/21/12 08:56 AM
Vinyl chloride	ND		0.020	mg/L	20	02/21/12 08:56 AM
Surr: 1,2-Dichloroethane-d4	*111*		*70-130*	*%REC*	20	02/21/12 08:56 AM
Surr: 4-Bromofluorobenzene	*94.2*		*70-130*	*%REC*	20	02/21/12 08:56 AM
Surr: Dibromofluoromethane	*106*		*70-130*	*%REC*	20	02/21/12 08:56 AM
Surr: Toluene-d8	*94.8*		*70-130*	*%REC*	20	02/21/12 08:56 AM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B01-S02-021412 **Lab ID:** 1202447-31
Collection Date: 02/14/12 09:55 AM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **02/21/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/21/12 05:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 05:51 PM
Surr: DCAA	*94.4*		*30-150*	*%REC*	1	02/21/12 05:51 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **02/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 03:14 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 03:14 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 03:14 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 03:14 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 03:14 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 03:14 PM
Surr: Decachlorobiphenyl	*77.0*		*30-135*	*%REC*	1	02/25/12 03:14 PM
Surr: Tetrachloro-m-xylene	*74.0*		*25-140*	*%REC*	1	02/25/12 03:14 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **02/20/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	02/20/12 02:40 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **02/19/12**	Analyst: **RH**
Arsenic	**0.013**		**0.010**	**mg/L**	1	02/20/12 08:20 PM
Barium	**0.75**		**0.050**	**mg/L**	1	02/20/12 08:20 PM
Cadmium	**0.0076**		**0.0020**	**mg/L**	1	02/20/12 08:20 PM
Chromium	ND		0.020	mg/L	1	02/20/12 08:20 PM
Lead	**0.038**		**0.010**	**mg/L**	1	02/20/12 08:20 PM
Selenium	ND		0.020	mg/L	1	02/20/12 08:20 PM
Silver	ND		0.0050	mg/L	1	02/20/12 08:20 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **02/20/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/22/12 12:19 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/22/12 12:19 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/22/12 12:19 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/22/12 12:19 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/22/12 12:19 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/22/12 12:19 PM
Hexachloroethane	ND		0.10	mg/L	1	02/22/12 12:19 PM
m-Cresol	ND		0.10	mg/L	1	02/22/12 12:19 PM
Nitrobenzene	ND		0.10	mg/L	1	02/22/12 12:19 PM
o-Cresol	ND		0.10	mg/L	1	02/22/12 12:19 PM
p-Cresol	ND		0.10	mg/L	1	02/22/12 12:19 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/22/12 12:19 PM
Pyridine	ND		0.40	mg/L	1	02/22/12 12:19 PM
Surr: 2,4,6-Tribromophenol	*75.4*		*21-125*	*%REC*	1	02/22/12 12:19 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B01-S02-021412
Lab ID: 1202447-31
Collection Date: 02/14/12 09:55 AM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*67.1*		*39-94*	*%REC*	1	02/22/12 12:19 PM
Surr: 2-Fluorophenol	*44.1*		*10-75*	*%REC*	1	02/22/12 12:19 PM
Surr: 4-Terphenyl-d14	*71.1*		*26-119*	*%REC*	1	02/22/12 12:19 PM
Surr: Nitrobenzene-d5	*74.0*		*41-104*	*%REC*	1	02/22/12 12:19 PM
Surr: Phenol-d6	*28.7*		*11-50*	*%REC*	1	02/22/12 12:19 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **02/17/12**	Analyst: **BG**
1,1-Dichloroethene	ND		0.020	mg/L	20	02/21/12 06:58 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/21/12 06:58 AM
2-Butanone	ND		0.20	mg/L	20	02/21/12 06:58 AM
Benzene	ND		0.020	mg/L	20	02/21/12 06:58 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/21/12 06:58 AM
Chlorobenzene	ND		0.020	mg/L	20	02/21/12 06:58 AM
Chloroform	ND		0.020	mg/L	20	02/21/12 06:58 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/21/12 06:58 AM
Trichloroethene	ND		0.020	mg/L	20	02/21/12 06:58 AM
Vinyl chloride	ND		0.020	mg/L	20	02/21/12 06:58 AM
Surr: 1,2-Dichloroethane-d4	*112*		*70-130*	*%REC*	20	02/21/12 06:58 AM
Surr: 4-Bromofluorobenzene	*94.9*		*70-130*	*%REC*	20	02/21/12 06:58 AM
Surr: Dibromofluoromethane	*105*		*70-130*	*%REC*	20	02/21/12 06:58 AM
Surr: Toluene-d8	*93.6*		*70-130*	*%REC*	20	02/21/12 06:58 AM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B03-S01-021412 **Lab ID:** 1202447-32
Collection Date: 02/14/12 11:40 AM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **02/21/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/21/12 05:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 05:51 PM
Surr: DCAA	*68.4*		*30-150*	*%REC*	1	02/21/12 05:51 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **02/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 03:29 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 03:29 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 03:29 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 03:29 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 03:29 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 03:29 PM
Surr: Decachlorobiphenyl	*75.0*		*30-135*	*%REC*	1	02/25/12 03:29 PM
Surr: Tetrachloro-m-xylene	*76.0*		*25-140*	*%REC*	1	02/25/12 03:29 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **02/20/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	02/20/12 02:43 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **02/20/12**	Analyst: **RH**
Arsenic	ND		0.010	mg/L	1	02/21/12 04:19 PM
Barium	**0.68**		**0.050**	**mg/L**	1	02/21/12 04:19 PM
Cadmium	**0.0095**		**0.0020**	**mg/L**	1	02/21/12 04:19 PM
Chromium	ND		0.020	mg/L	1	02/21/12 04:19 PM
Lead	ND		0.010	mg/L	1	02/21/12 04:19 PM
Selenium	ND		0.020	mg/L	1	02/21/12 04:19 PM
Silver	ND		0.0050	mg/L	1	02/21/12 04:19 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **02/20/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/22/12 12:51 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/22/12 12:51 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/22/12 12:51 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/22/12 12:51 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/22/12 12:51 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/22/12 12:51 PM
Hexachloroethane	ND		0.10	mg/L	1	02/22/12 12:51 PM
m-Cresol	ND		0.10	mg/L	1	02/22/12 12:51 PM
Nitrobenzene	ND		0.10	mg/L	1	02/22/12 12:51 PM
o-Cresol	ND		0.10	mg/L	1	02/22/12 12:51 PM
p-Cresol	ND		0.10	mg/L	1	02/22/12 12:51 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/22/12 12:51 PM
Pyridine	ND		0.40	mg/L	1	02/22/12 12:51 PM
Surr: 2,4,6-Tribromophenol	*79.0*		*21-125*	*%REC*	1	02/22/12 12:51 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B03-S01-021412
Lab ID: 1202447-32
Collection Date: 02/14/12 11:40 AM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*68.1*		*39-94*	*%REC*	1	02/22/12 12:51 PM
Surr: 2-Fluorophenol	*52.2*		*10-75*	*%REC*	1	02/22/12 12:51 PM
Surr: 4-Terphenyl-d14	*82.3*		*26-119*	*%REC*	1	02/22/12 12:51 PM
Surr: Nitrobenzene-d5	*76.3*		*41-104*	*%REC*	1	02/22/12 12:51 PM
Surr: Phenol-d6	*32.7*		*11-50*	*%REC*	1	02/22/12 12:51 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **02/17/12**	Analyst: **RS**
1,1-Dichloroethene	ND		0.020	mg/L	20	02/21/12 05:27 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/21/12 05:27 AM
2-Butanone	ND		0.20	mg/L	20	02/21/12 05:27 AM
Benzene	ND		0.020	mg/L	20	02/21/12 05:27 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/21/12 05:27 AM
Chlorobenzene	ND		0.020	mg/L	20	02/21/12 05:27 AM
Chloroform	ND		0.020	mg/L	20	02/21/12 05:27 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/21/12 05:27 AM
Trichloroethene	ND		0.020	mg/L	20	02/21/12 05:27 AM
Vinyl chloride	ND		0.020	mg/L	20	02/21/12 05:27 AM
Surr: 1,2-Dichloroethane-d4	*106*		*70-130*	*%REC*	20	02/21/12 05:27 AM
Surr: 4-Bromofluorobenzene	*89.9*		*70-130*	*%REC*	20	02/21/12 05:27 AM
Surr: Dibromofluoromethane	*100*		*70-130*	*%REC*	20	02/21/12 05:27 AM
Surr: Toluene-d8	*102*		*70-130*	*%REC*	20	02/21/12 05:27 AM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B03-S02-021412 **Lab ID:** 1202447-33
Collection Date: 02/14/12 02:00 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **02/21/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/21/12 05:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 05:51 PM
Surr: DCAA	*75.0*		*30-150*	*%REC*	1	02/21/12 05:51 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **02/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 03:44 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 03:44 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 03:44 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 03:44 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 03:44 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 03:44 PM
Surr: Decachlorobiphenyl	*75.0*		*30-135*	*%REC*	1	02/25/12 03:44 PM
Surr: Tetrachloro-m-xylene	*71.0*		*25-140*	*%REC*	1	02/25/12 03:44 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **02/20/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	02/20/12 02:45 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **02/20/12**	Analyst: **RH**
Arsenic	ND		0.010	mg/L	1	02/21/12 04:24 PM
Barium	**0.97**		**0.050**	**mg/L**	1	02/21/12 04:24 PM
Cadmium	**0.0033**		**0.0020**	**mg/L**	1	02/21/12 04:24 PM
Chromium	ND		0.020	mg/L	1	02/21/12 04:24 PM
Lead	ND		0.010	mg/L	1	02/21/12 04:24 PM
Selenium	ND		0.020	mg/L	1	02/21/12 04:24 PM
Silver	ND		0.0050	mg/L	1	02/21/12 04:24 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **02/22/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/23/12 10:26 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/23/12 10:26 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/23/12 10:26 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/23/12 10:26 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/23/12 10:26 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/23/12 10:26 PM
Hexachloroethane	ND		0.10	mg/L	1	02/23/12 10:26 PM
m-Cresol	ND		0.10	mg/L	1	02/23/12 10:26 PM
Nitrobenzene	ND		0.10	mg/L	1	02/23/12 10:26 PM
o-Cresol	ND		0.10	mg/L	1	02/23/12 10:26 PM
p-Cresol	ND		0.10	mg/L	1	02/23/12 10:26 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/23/12 10:26 PM
Pyridine	ND		0.40	mg/L	1	02/23/12 10:26 PM
Surr: 2,4,6-Tribromophenol	*85.4*		*21-125*	*%REC*	1	02/23/12 10:26 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B03-S02-021412
Lab ID: 1202447-33
Collection Date: 02/14/12 02:00 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*71.8*		*39-94*	*%REC*	1	02/23/12 10:26 PM
Surr: 2-Fluorophenol	*49.4*		*10-75*	*%REC*	1	02/23/12 10:26 PM
Surr: 4-Terphenyl-d14	*79.9*		*26-119*	*%REC*	1	02/23/12 10:26 PM
Surr: Nitrobenzene-d5	*71.2*		*41-104*	*%REC*	1	02/23/12 10:26 PM
Surr: Phenol-d6	*30.4*		*11-50*	*%REC*	1	02/23/12 10:26 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **02/17/12**	Analyst: **RS**
1,1-Dichloroethene	ND		0.020	mg/L	20	02/21/12 05:51 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/21/12 05:51 AM
2-Butanone	ND		0.20	mg/L	20	02/21/12 05:51 AM
Benzene	ND		0.020	mg/L	20	02/21/12 05:51 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/21/12 05:51 AM
Chlorobenzene	ND		0.020	mg/L	20	02/21/12 05:51 AM
Chloroform	ND		0.020	mg/L	20	02/21/12 05:51 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/21/12 05:51 AM
Trichloroethene	ND		0.020	mg/L	20	02/21/12 05:51 AM
Vinyl chloride	ND		0.020	mg/L	20	02/21/12 05:51 AM
Surr: 1,2-Dichloroethane-d4	*106*		*70-130*	*%REC*	20	02/21/12 05:51 AM
Surr: 4-Bromofluorobenzene	*92.0*		*70-130*	*%REC*	20	02/21/12 05:51 AM
Surr: Dibromofluoromethane	*98.3*		*70-130*	*%REC*	20	02/21/12 05:51 AM
Surr: Toluene-d8	*102*		*70-130*	*%REC*	20	02/21/12 05:51 AM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B04-S01-021412 **Lab ID:** 1202447-34
Collection Date: 02/14/12 02:55 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **02/21/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/21/12 05:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 05:51 PM
Surr: DCAA	*93.2*		*30-150*	*%REC*	1	02/21/12 05:51 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **02/22/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 03:59 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 03:59 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 03:59 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 03:59 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 03:59 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 03:59 PM
Surr: Decachlorobiphenyl	*79.0*		*30-135*	*%REC*	1	02/25/12 03:59 PM
Surr: Tetrachloro-m-xylene	*76.0*		*25-140*	*%REC*	1	02/25/12 03:59 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **02/20/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	02/20/12 02:48 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **02/20/12**	Analyst: **RH**
Arsenic	ND		0.010	mg/L	1	02/21/12 04:29 PM
Barium	**1.1**		**0.050**	**mg/L**	1	02/21/12 04:29 PM
Cadmium	**0.010**		**0.0020**	**mg/L**	1	02/21/12 04:29 PM
Chromium	ND		0.020	mg/L	1	02/21/12 04:29 PM
Lead	**0.020**		**0.010**	**mg/L**	1	02/21/12 04:29 PM
Selenium	ND		0.020	mg/L	1	02/21/12 04:29 PM
Silver	ND		0.0050	mg/L	1	02/21/12 04:29 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **02/22/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/23/12 10:53 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/23/12 10:53 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/23/12 10:53 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/23/12 10:53 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/23/12 10:53 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/23/12 10:53 PM
Hexachloroethane	ND		0.10	mg/L	1	02/23/12 10:53 PM
m-Cresol	ND		0.10	mg/L	1	02/23/12 10:53 PM
Nitrobenzene	ND		0.10	mg/L	1	02/23/12 10:53 PM
o-Cresol	ND		0.10	mg/L	1	02/23/12 10:53 PM
p-Cresol	ND		0.10	mg/L	1	02/23/12 10:53 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/23/12 10:53 PM
Pyridine	ND		0.40	mg/L	1	02/23/12 10:53 PM
Surr: 2,4,6-Tribromophenol	*83.9*		*21-125*	*%REC*	1	02/23/12 10:53 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B04-S01-021412
Lab ID: 1202447-34
Collection Date: 02/14/12 02:55 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*67.1*		*39-94*	*%REC*	1	02/23/12 10:53 PM
Surr: 2-Fluorophenol	*50.8*		*10-75*	*%REC*	1	02/23/12 10:53 PM
Surr: 4-Terphenyl-d14	*66.5*		*26-119*	*%REC*	1	02/23/12 10:53 PM
Surr: Nitrobenzene-d5	*67.8*		*41-104*	*%REC*	1	02/23/12 10:53 PM
Surr: Phenol-d6	*32.5*		*11-50*	*%REC*	1	02/23/12 10:53 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **02/17/12**	Analyst: **RS**
1,1-Dichloroethene	ND		0.020	mg/L	20	02/21/12 06:16 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/21/12 06:16 AM
2-Butanone	ND		0.20	mg/L	20	02/21/12 06:16 AM
Benzene	ND		0.020	mg/L	20	02/21/12 06:16 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/21/12 06:16 AM
Chlorobenzene	ND		0.020	mg/L	20	02/21/12 06:16 AM
Chloroform	ND		0.020	mg/L	20	02/21/12 06:16 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/21/12 06:16 AM
Trichloroethene	ND		0.020	mg/L	20	02/21/12 06:16 AM
Vinyl chloride	ND		0.020	mg/L	20	02/21/12 06:16 AM
Surr: 1,2-Dichloroethane-d4	*107*		*70-130*	*%REC*	20	02/21/12 06:16 AM
Surr: 4-Bromofluorobenzene	*90.8*		*70-130*	*%REC*	20	02/21/12 06:16 AM
Surr: Dibromofluoromethane	*100*		*70-130*	*%REC*	20	02/21/12 06:16 AM
Surr: Toluene-d8	*102*		*70-130*	*%REC*	20	02/21/12 06:16 AM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B05-S01-021412 **Lab ID:** 1202447-35
Collection Date: 02/14/12 02:50 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **02/21/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/21/12 05:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 05:51 PM
Surr: DCAA	*84.6*		*30-150*	*%REC*	1	02/21/12 05:51 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **02/23/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 09:27 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 09:27 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 09:27 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 09:27 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 09:27 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 09:27 PM
Surr: Decachlorobiphenyl	*57.0*		*30-135*	*%REC*	1	02/25/12 09:27 PM
Surr: Tetrachloro-m-xylene	*72.0*		*25-140*	*%REC*	1	02/25/12 09:27 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **02/20/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	02/20/12 02:50 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **02/20/12**	Analyst: **RH**
Arsenic	ND		0.010	mg/L	1	02/21/12 04:34 PM
Barium	**0.57**		**0.050**	**mg/L**	1	02/21/12 04:34 PM
Cadmium	**0.0021**		**0.0020**	**mg/L**	1	02/21/12 04:34 PM
Chromium	ND		0.020	mg/L	1	02/21/12 04:34 PM
Lead	ND		0.010	mg/L	1	02/21/12 04:34 PM
Selenium	ND		0.020	mg/L	1	02/21/12 04:34 PM
Silver	ND		0.0050	mg/L	1	02/21/12 04:34 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **02/22/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/23/12 11:19 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/23/12 11:19 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/23/12 11:19 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/23/12 11:19 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/23/12 11:19 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/23/12 11:19 PM
Hexachloroethane	ND		0.10	mg/L	1	02/23/12 11:19 PM
m-Cresol	ND		0.10	mg/L	1	02/23/12 11:19 PM
Nitrobenzene	ND		0.10	mg/L	1	02/23/12 11:19 PM
o-Cresol	ND		0.10	mg/L	1	02/23/12 11:19 PM
p-Cresol	ND		0.10	mg/L	1	02/23/12 11:19 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/23/12 11:19 PM
Pyridine	ND		0.40	mg/L	1	02/23/12 11:19 PM
Surr: 2,4,6-Tribromophenol	*85.5*		*21-125*	*%REC*	1	02/23/12 11:19 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B05-S01-021412
Lab ID: 1202447-35
Collection Date: 02/14/12 02:50 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*68.6*		*39-94*	*%REC*	1	02/23/12 11:19 PM
Surr: 2-Fluorophenol	*46.7*		*10-75*	*%REC*	1	02/23/12 11:19 PM
Surr: 4-Terphenyl-d14	*73.1*		*26-119*	*%REC*	1	02/23/12 11:19 PM
Surr: Nitrobenzene-d5	*69.5*		*41-104*	*%REC*	1	02/23/12 11:19 PM
Surr: Phenol-d6	*28.9*		*11-50*	*%REC*	1	02/23/12 11:19 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **02/18/12**	Analyst: **RS**
1,1-Dichloroethene	ND		0.020	mg/L	20	02/21/12 06:40 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/21/12 06:40 AM
2-Butanone	ND		0.20	mg/L	20	02/21/12 06:40 AM
Benzene	ND		0.020	mg/L	20	02/21/12 06:40 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/21/12 06:40 AM
Chlorobenzene	ND		0.020	mg/L	20	02/21/12 06:40 AM
Chloroform	ND		0.020	mg/L	20	02/21/12 06:40 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/21/12 06:40 AM
Trichloroethene	ND		0.020	mg/L	20	02/21/12 06:40 AM
Vinyl chloride	ND		0.020	mg/L	20	02/21/12 06:40 AM
Surr: 1,2-Dichloroethane-d4	*106*		*70-130*	*%REC*	20	02/21/12 06:40 AM
Surr: 4-Bromofluorobenzene	*91.1*		*70-130*	*%REC*	20	02/21/12 06:40 AM
Surr: Dibromofluoromethane	*99.7*		*70-130*	*%REC*	20	02/21/12 06:40 AM
Surr: Toluene-d8	*103*		*70-130*	*%REC*	20	02/21/12 06:40 AM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B06-S01-021412 **Lab ID:** 1202447-36
Collection Date: 02/14/12 03:50 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **02/21/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/21/12 05:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 05:51 PM
Surr: DCAA	*81.6*		*30-150*	*%REC*	1	02/21/12 05:51 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **02/23/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 09:42 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 09:42 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 09:42 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 09:42 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 09:42 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 09:42 PM
Surr: Decachlorobiphenyl	*73.0*		*30-135*	*%REC*	1	02/25/12 09:42 PM
Surr: Tetrachloro-m-xylene	*70.0*		*25-140*	*%REC*	1	02/25/12 09:42 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **02/20/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	02/20/12 02:53 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **02/20/12**	Analyst: **RH**
Arsenic	ND		0.010	mg/L	1	02/21/12 04:39 PM
Barium	**0.62**		**0.050**	**mg/L**	1	02/21/12 04:39 PM
Cadmium	**0.0025**		**0.0020**	**mg/L**	1	02/21/12 04:39 PM
Chromium	ND		0.020	mg/L	1	02/21/12 04:39 PM
Lead	ND		0.010	mg/L	1	02/21/12 04:39 PM
Selenium	ND		0.020	mg/L	1	02/21/12 04:39 PM
Silver	ND		0.0050	mg/L	1	02/21/12 04:39 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **02/22/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/23/12 11:46 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/23/12 11:46 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/23/12 11:46 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/23/12 11:46 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/23/12 11:46 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/23/12 11:46 PM
Hexachloroethane	ND		0.10	mg/L	1	02/23/12 11:46 PM
m-Cresol	ND		0.10	mg/L	1	02/23/12 11:46 PM
Nitrobenzene	ND		0.10	mg/L	1	02/23/12 11:46 PM
o-Cresol	ND		0.10	mg/L	1	02/23/12 11:46 PM
p-Cresol	ND		0.10	mg/L	1	02/23/12 11:46 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/23/12 11:46 PM
Pyridine	ND		0.40	mg/L	1	02/23/12 11:46 PM
Surr: 2,4,6-Tribromophenol	*89.3*		*21-125*	*%REC*	1	02/23/12 11:46 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B06-S01-021412
Lab ID: 1202447-36
Collection Date: 02/14/12 03:50 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*71.4*		*39-94*	*%REC*	1	02/23/12 11:46 PM
Surr: 2-Fluorophenol	*46.3*		*10-75*	*%REC*	1	02/23/12 11:46 PM
Surr: 4-Terphenyl-d14	*73.6*		*26-119*	*%REC*	1	02/23/12 11:46 PM
Surr: Nitrobenzene-d5	*71.8*		*41-104*	*%REC*	1	02/23/12 11:46 PM
Surr: Phenol-d6	*29.3*		*11-50*	*%REC*	1	02/23/12 11:46 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **02/18/12**	Analyst: **RS**
1,1-Dichloroethene	ND		0.020	mg/L	20	02/21/12 07:04 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/21/12 07:04 AM
2-Butanone	ND		0.20	mg/L	20	02/21/12 07:04 AM
Benzene	ND		0.020	mg/L	20	02/21/12 07:04 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/21/12 07:04 AM
Chlorobenzene	ND		0.020	mg/L	20	02/21/12 07:04 AM
Chloroform	ND		0.020	mg/L	20	02/21/12 07:04 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/21/12 07:04 AM
Trichloroethene	ND		0.020	mg/L	20	02/21/12 07:04 AM
Vinyl chloride	ND		0.020	mg/L	20	02/21/12 07:04 AM
Surr: 1,2-Dichloroethane-d4	*106*		*70-130*	*%REC*	20	02/21/12 07:04 AM
Surr: 4-Bromofluorobenzene	*89.5*		*70-130*	*%REC*	20	02/21/12 07:04 AM
Surr: Dibromofluoromethane	*99.1*		*70-130*	*%REC*	20	02/21/12 07:04 AM
Surr: Toluene-d8	*103*		*70-130*	*%REC*	20	02/21/12 07:04 AM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B06-S01-021412-DP **Lab ID:** 1202447-37
Collection Date: 02/14/12 03:50 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **02/21/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/21/12 05:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 05:51 PM
Surr: DCAA	*87.6*		*30-150*	*%REC*	1	02/21/12 05:51 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **02/23/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 09:57 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 09:57 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 09:57 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 09:57 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 09:57 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 09:57 PM
Surr: Decachlorobiphenyl	*48.0*		*30-135*	*%REC*	1	02/25/12 09:57 PM
Surr: Tetrachloro-m-xylene	*43.0*		*25-140*	*%REC*	1	02/25/12 09:57 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **02/20/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	02/20/12 03:00 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **02/20/12**	Analyst: **RH**
Arsenic	ND		0.010	mg/L	1	02/21/12 04:44 PM
Barium	**0.61**		**0.050**	**mg/L**	1	02/21/12 04:44 PM
Cadmium	**0.0058**		**0.0020**	**mg/L**	1	02/21/12 04:44 PM
Chromium	**0.070**		**0.020**	**mg/L**	1	02/21/12 04:44 PM
Lead	**0.022**		**0.010**	**mg/L**	1	02/21/12 04:44 PM
Selenium	ND		0.020	mg/L	1	02/21/12 04:44 PM
Silver	ND		0.0050	mg/L	1	02/21/12 04:44 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **02/22/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/24/12 12:13 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 12:13 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 12:13 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/24/12 12:13 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/24/12 12:13 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/24/12 12:13 PM
Hexachloroethane	ND		0.10	mg/L	1	02/24/12 12:13 PM
m-Cresol	ND		0.10	mg/L	1	02/24/12 12:13 PM
Nitrobenzene	ND		0.10	mg/L	1	02/24/12 12:13 PM
o-Cresol	ND		0.10	mg/L	1	02/24/12 12:13 PM
p-Cresol	ND		0.10	mg/L	1	02/24/12 12:13 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/24/12 12:13 PM
Pyridine	ND		0.40	mg/L	1	02/24/12 12:13 PM
Surr: 2,4,6-Tribromophenol	*86.5*		*21-125*	*%REC*	1	02/24/12 12:13 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B06-S01-021412-DP
Lab ID: 1202447-37
Collection Date: 02/14/12 03:50 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*71.9*		*39-94*	*%REC*	1	02/24/12 12:13 PM
Surr: 2-Fluorophenol	*51.5*		*10-75*	*%REC*	1	02/24/12 12:13 PM
Surr: 4-Terphenyl-d14	*78.5*		*26-119*	*%REC*	1	02/24/12 12:13 PM
Surr: Nitrobenzene-d5	*69.6*		*41-104*	*%REC*	1	02/24/12 12:13 PM
Surr: Phenol-d6	*33.0*		*11-50*	*%REC*	1	02/24/12 12:13 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **02/18/12**	Analyst: **RS**
1,1-Dichloroethene	ND		0.020	mg/L	20	02/21/12 07:28 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/21/12 07:28 AM
2-Butanone	ND		0.20	mg/L	20	02/21/12 07:28 AM
Benzene	ND		0.020	mg/L	20	02/21/12 07:28 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/21/12 07:28 AM
Chlorobenzene	ND		0.020	mg/L	20	02/21/12 07:28 AM
Chloroform	ND		0.020	mg/L	20	02/21/12 07:28 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/21/12 07:28 AM
Trichloroethene	ND		0.020	mg/L	20	02/21/12 07:28 AM
Vinyl chloride	ND		0.020	mg/L	20	02/21/12 07:28 AM
Surr: 1,2-Dichloroethane-d4	*106*		*70-130*	*%REC*	20	02/21/12 07:28 AM
Surr: 4-Bromofluorobenzene	*91.4*		*70-130*	*%REC*	20	02/21/12 07:28 AM
Surr: Dibromofluoromethane	*98.8*		*70-130*	*%REC*	20	02/21/12 07:28 AM
Surr: Toluene-d8	*103*		*70-130*	*%REC*	20	02/21/12 07:28 AM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202447
Sample ID: TD-B06-S02-021412 **Lab ID:** 1202447-38
Collection Date: 02/14/12 04:10 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **02/21/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/21/12 05:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 05:51 PM
Surr: DCAA	*67.6*		*30-150*	*%REC*	1	02/21/12 05:51 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **02/23/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 10:12 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 10:12 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 10:12 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 10:12 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 10:12 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 10:12 PM
Surr: Decachlorobiphenyl	*72.0*		*30-135*	*%REC*	1	02/25/12 10:12 PM
Surr: Tetrachloro-m-xylene	*77.0*		*25-140*	*%REC*	1	02/25/12 10:12 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **02/20/12**	Analyst: **LR**
Mercury	ND		0.0020	mg/L	1	02/20/12 03:02 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **02/20/12**	Analyst: **RH**
Arsenic	ND		0.010	mg/L	1	02/21/12 06:27 PM
Barium	**0.53**		**0.050**	**mg/L**	1	02/21/12 06:27 PM
Cadmium	**0.016**		**0.0020**	**mg/L**	1	02/21/12 06:27 PM
Chromium	ND		0.020	mg/L	1	02/21/12 06:27 PM
Lead	**0.039**		**0.010**	**mg/L**	1	02/21/12 06:27 PM
Selenium	ND		0.020	mg/L	1	02/21/12 06:27 PM
Silver	ND		0.0050	mg/L	1	02/21/12 06:27 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **02/20/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/21/12 07:56 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/21/12 07:56 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/21/12 07:56 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/21/12 07:56 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/21/12 07:56 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/21/12 07:56 PM
Hexachloroethane	ND		0.10	mg/L	1	02/21/12 07:56 PM
m-Cresol	ND		0.10	mg/L	1	02/21/12 07:56 PM
Nitrobenzene	ND		0.10	mg/L	1	02/21/12 07:56 PM
o-Cresol	ND		0.10	mg/L	1	02/21/12 07:56 PM
p-Cresol	ND		0.10	mg/L	1	02/21/12 07:56 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/21/12 07:56 PM
Pyridine	ND		0.40	mg/L	1	02/21/12 07:56 PM
Surr: 2,4,6-Tribromophenol	*69.4*		*21-125*	*%REC*	1	02/21/12 07:56 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: TD-B06-S02-021412
Lab ID: 1202447-38
Collection Date: 02/14/12 04:10 PM
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*67.0*		*39-94*	*%REC*	1	02/21/12 07:56 PM
Surr: 2-Fluorophenol	*46.8*		*10-75*	*%REC*	1	02/21/12 07:56 PM
Surr: 4-Terphenyl-d14	*69.0*		*26-119*	*%REC*	1	02/21/12 07:56 PM
Surr: Nitrobenzene-d5	*64.4*		*41-104*	*%REC*	1	02/21/12 07:56 PM
Surr: Phenol-d6	*28.5*		*11-50*	*%REC*	1	02/21/12 07:56 PM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **02/18/12**	Analyst: **RS**
1,1-Dichloroethene	ND		0.020	mg/L	20	02/21/12 10:46 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/21/12 10:46 AM
2-Butanone	ND		0.20	mg/L	20	02/21/12 10:46 AM
Benzene	ND		0.020	mg/L	20	02/21/12 10:46 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/21/12 10:46 AM
Chlorobenzene	ND		0.020	mg/L	20	02/21/12 10:46 AM
Chloroform	ND		0.020	mg/L	20	02/21/12 10:46 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/21/12 10:46 AM
Trichloroethene	ND		0.020	mg/L	20	02/21/12 10:46 AM
Vinyl chloride	ND		0.020	mg/L	20	02/21/12 10:46 AM
Surr: 1,2-Dichloroethane-d4	*107*		*70-130*	*%REC*	20	02/21/12 10:46 AM
Surr: 4-Bromofluorobenzene	*90.3*		*70-130*	*%REC*	20	02/21/12 10:46 AM
Surr: Dibromofluoromethane	*99.2*		*70-130*	*%REC*	20	02/21/12 10:46 AM
Surr: Toluene-d8	*101*		*70-130*	*%REC*	20	02/21/12 10:46 AM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: Trip Blank
Lab ID: 1202447-39
Collection Date: 02/13/12
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **RS**
1,1,1-Trichloroethane	ND		0.050	mg/Kg	50	02/17/12 06:35 PM
1,1,2,2-Tetrachloroethane	ND		0.10	mg/Kg	50	02/17/12 06:35 PM
1,1,2-Trichloroethane	ND		0.10	mg/Kg	50	02/17/12 06:35 PM
1,1,2-Trichlorotrifluoroethane	ND		0.050	mg/Kg	50	02/17/12 06:35 PM
1,1-Dichloroethane	ND		0.050	mg/Kg	50	02/17/12 06:35 PM
1,1-Dichloroethene	ND		0.050	mg/Kg	50	02/17/12 06:35 PM
1,2,4-Trichlorobenzene	ND		0.050	mg/Kg	50	02/17/12 06:35 PM
1,2-Dibromo-3-chloropropane	ND		0.10	mg/Kg	50	02/17/12 06:35 PM
1,2-Dibromoethane	ND		0.075	mg/Kg	50	02/17/12 06:35 PM
1,2-Dichlorobenzene	ND		0.050	mg/Kg	50	02/17/12 06:35 PM
1,2-Dichloroethane	ND		0.050	mg/Kg	50	02/17/12 06:35 PM
1,2-Dichloropropane	ND		0.18	mg/Kg	50	02/17/12 06:35 PM
1,3-Dichlorobenzene	ND		0.050	mg/Kg	50	02/17/12 06:35 PM
1,4-Dichlorobenzene	ND		0.050	mg/Kg	50	02/17/12 06:35 PM
2-Butanone	ND		0.38	mg/Kg	50	02/17/12 06:35 PM
2-Hexanone	ND		0.25	mg/Kg	50	02/17/12 06:35 PM
4-Methyl-2-pentanone	ND		0.25	mg/Kg	50	02/17/12 06:35 PM
Acetone	ND		0.22	mg/Kg	50	02/17/12 06:35 PM
Benzene	ND		0.050	mg/Kg	50	02/17/12 06:35 PM
Bromodichloromethane	ND		0.075	mg/Kg	50	02/17/12 06:35 PM
Bromoform	ND		0.050	mg/Kg	50	02/17/12 06:35 PM
Bromomethane	ND		0.075	mg/Kg	50	02/17/12 06:35 PM
Carbon disulfide	ND		0.075	mg/Kg	50	02/17/12 06:35 PM
Carbon tetrachloride	ND		0.050	mg/Kg	50	02/17/12 06:35 PM
Chlorobenzene	ND		0.075	mg/Kg	50	02/17/12 06:35 PM
Chloroethane	ND		0.15	mg/Kg	50	02/17/12 06:35 PM
Chloroform	ND		0.050	mg/Kg	50	02/17/12 06:35 PM
Chloromethane	ND		0.15	mg/Kg	50	02/17/12 06:35 PM
cis-1,2-Dichloroethene	ND		0.10	mg/Kg	50	02/17/12 06:35 PM
cis-1,3-Dichloropropene	ND		0.050	mg/Kg	50	02/17/12 06:35 PM
Cyclohexane	ND		0.050	mg/Kg	50	02/17/12 06:35 PM
Dibromochloromethane	ND		0.10	mg/Kg	50	02/17/12 06:35 PM
Dichlorodifluoromethane	ND		0.050	mg/Kg	50	02/17/12 06:35 PM
Ethylbenzene	ND		0.10	mg/Kg	50	02/17/12 06:35 PM
Isopropylbenzene	ND		0.050	mg/Kg	50	02/17/12 06:35 PM
Methyl acetate	ND		0.65	mg/Kg	50	02/17/12 06:35 PM
Methyl tert-butyl ether	ND		0.075	mg/Kg	50	02/17/12 06:35 PM
Methylcyclohexane	ND		1.0	mg/Kg	50	02/17/12 06:35 PM
Methylene chloride	ND		0.10	mg/Kg	50	02/17/12 06:35 PM

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

ALS Group USA, Corp

Date: *28-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202447
Sample ID: Trip Blank
Lab ID: 1202447-39
Collection Date: 02/13/12
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		0.075	mg/Kg	50	02/17/12 06:35 PM
Tetrachloroethene	ND		0.050	mg/Kg	50	02/17/12 06:35 PM
Toluene	ND		0.075	mg/Kg	50	02/17/12 06:35 PM
trans-1,2-Dichloroethene	ND		0.050	mg/Kg	50	02/17/12 06:35 PM
trans-1,3-Dichloropropene	ND		0.075	mg/Kg	50	02/17/12 06:35 PM
Trichloroethene	ND		0.050	mg/Kg	50	02/17/12 06:35 PM
Trichlorofluoromethane	ND		0.050	mg/Kg	50	02/17/12 06:35 PM
Vinyl chloride	ND		0.10	mg/Kg	50	02/17/12 06:35 PM
Xylenes, Total	ND		0.15	mg/Kg	50	02/17/12 06:35 PM
Surr: 1,2-Dichloroethane-d4	*106*		*70-120*	*%REC*	50	02/17/12 06:35 PM
Surr: 4-Bromofluorobenzene	*91.3*		*75-120*	*%REC*	50	02/17/12 06:35 PM
Surr: Dibromofluoromethane	*98.6*		*85-115*	*%REC*	50	02/17/12 06:35 PM
Surr: Toluene-d8	*106*		*85-115*	*%REC*	50	02/17/12 06:35 PM

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

EASTERN SANDUSKY COUNTY DUMPS
SANDUSKY COUNTY, OHIO
DATA VALIDATION REPORT

Date: March 9, 2012
Laboratory: ALS Environmental (ALS), Holland, Michigan
Laboratory Project #: 1202448
Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON®) Superfund Technical Assessment and Response Team (START)
Weston Analytical Work Order #/TDD #: 20405.016.001.1731.00/S05-0001-1201-020

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

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

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

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1202448

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
TD-B01-W01-021412	1202448-01	Water	2/14/2012	2/17/2012
Trip Blank	1202448-03	Water	2/8/2012	2/17/2012

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 VOC analyses. The method blank was free of target compound contamination above the reporting limit. Methlylene chloride was detected below the reporting limit in one of the blanks but not detected in the samples; therefore, no qualifications were required.

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

4. Surrogate Results

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

5. Laboratory Control Sample (LCS) Results

The LCS and LCS duplicate (LCSD) recoveries and relative percent differences (RPD) were within laboratory QC limits.

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

A site-specific MS and MSD were not analyzed with this work order; therefore matrix interferences could not be evaluated using the MS/MSD. For the MS/MSD that was analyzed, the percent recoveries and RPDs were within QC limits.

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

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

TCLP VOCs by SW-846 METHODS 1311 AND 8260

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
TD-B01-W01-021412	1202448-02	Water	2/14/2012	2/17/2012

2. Holding Times

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

3. Blanks

A method blank was analyzed with the VOC analyses. The method blank was free of target compound contamination above the reporting limit. Methlylene chloride was detected below the reporting limit in one of the blanks but not detected in the samples; therefore, no qualifications were required.

4. Surrogate Results

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

5. LCS Results

The LCS and LCSD recoveries and RPDs were within laboratory QC limits.

6. MS and MSD Results

A site-specific MS and MSD were not analyzed with this work order; therefore matrix interferences could not be evaluated using the MS/MSD. For the MS/MSD that was analyzed, the percent recoveries and RPDs were within QC limits.

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

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

SVOCs BY SW-846 METHOD 8270

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
TD-B01-W01-021412	1202448-01	Water	2/14/2012	2/20/2012	2/22/2012

2. Holding Times

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

3. Blanks

Method blanks were analyzed with the 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 and RPDs for the LCS and LCSD results were within the laboratory-established QC limits except for as follows. Two target SVOCs were detected above the QC limit for percent recovery; however, these compounds were not detected in the sample and no qualification was warranted.

6. MS and MSD Results

A site-specific MS and MSD were not analyzed with this work order; therefore matrix interferences could not be evaluated using the MS/MSD. For the MS/MSD that was analyzed, the percent recoveries and RPDs were acceptable.

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

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

TCLP SVOCs BY SW-846 METHODS 1311 AND 8270

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
TD-B01-W01-021412	1202448-02	Water	2/14/2012	2/20/2012	2/22/2012

2. Holding Times

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

3. Blanks

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

4. Surrogate Results

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

5. LCS Results

The percent recoveries and RPDs for the LCS and LCSD 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; therefore matrix interferences could not be evaluated using the MS/MSD. For the MS/MSD that was analyzed, the percent recoveries and RPDs were acceptable.

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

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

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
TD-B01-W01-021412	1202448-01	Water	2/14/2012	2/16/2012	2/17/2012

2. Holding Times

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

3. Blanks

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

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

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

6. MS and MSD Results

A site-specific MS and MSD were analyzed using sample TD-B01-W01-021412 as the spiked sample. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

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

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
TD-B01-W01-021412	1202448-01	Water	2/14/2012	2/16/2012	2/17/2012

2. Holding Times

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

3. Blanks

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 and LCSD recoveries and RPDs were within the laboratory-established QC limits.

6. MS and MSD Results

A site-specific MS and MSD were analyzed using sample TD-B01-W01-021412 as the spiked sample. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

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

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
TD-B01-W01-021412	1202448-02	Water	2/14/2012	2/16/2012	2/17/2012

2. Holding Times

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

3. Blanks

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 and LCSD recoveries and RPDs were within the laboratory-established QC limits.

6. MS and MSD Results

A site-specific MS and MSD were not analyzed. No qualifications are required.

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

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

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
TD-B01-W01-021412	1202448-01	Water	2/14/2012	2/20/2012	2/21/2012

2. Holding Times

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

3. Blanks

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 and LCSD recoveries and RPDs were within the laboratory-established QC limits.

6. MS and MSD Results

A site-specific MS and MSD were analyzed using sample TD-B01-W01-021412 as the spiked sample. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

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

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
TD-B01-W01-021412	1202448-02	Water	2/14/2012	2/21/2012	2/21/2012

2. Holding Times

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

3. Blanks

A method blank was analyzed with the TCLP 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 and LCSD recoveries and RPDs were within the laboratory-established QC limits.

6. MS and MSD Results

A site-specific MS and MSD were not analyzed. No qualifications are required.

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

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

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
TD-B01-W01-021412	1202448-01	Water	2/14/2012	2/17/2012 – 2/23/2012

2. Holding Times

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

3. Blank Results

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

4. LCS Results

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

5. MS and MSD Results

A site-specific MS and MSD were analyzed using a sample from another work order. No qualifications are required.

6. Field Duplicate Results

There are no field duplicates associated with this work order.

7. Overall Assessment

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

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
TD-B01-W01-021412	1202448-02	Water	2/14/2012	2/17/2012 – 2/21/2012

2. Holding Times

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

3. Blank Results

Method blanks were analyzed with the metals analysis. The blanks were free of target analyte contamination above the reporting limits.

4. LCS Results

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

5. MS and MSD Results

An MS and MSD were analyzed using a soil sample from another work order. The percent recoveries and RPDs were acceptable.

6. Field Duplicate Results

There are no field duplicates associated with this work order.

7. Overall Assessment

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

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
TD-B01-W01-021412	1202448-01	Water	2/14/2012	2/16/2012 – 2/29/2012

2. Holding Times

The methods state that flashpoint and pH should be analyzed as soon as possible. For pH, the sample was analyzed fairly quickly upon receipt at the laboratory. The flashpoint analysis holding time is fairly high at approximately 14 days. However, because this is a water sample, the sample is not expected to flash and no qualifications were applied.

3. LCS Results

The percent recoveries for the LCSs were within QC limits.

5. Laboratory Duplicate Results

A laboratory duplicate was analyzed with the pH analysis. The RPD was within QC limits.

6. Field Duplicate Results

There are no field duplicates associated with this work order.

7. Overall Assessment

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

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1202448

ATTACHMENT

ALS ENVIRONMENTAL
RESULTS SUMMARY WITH QUALIFIERS

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
WorkOrder: **1202448**

QUALIFIERS, ACRONYMS, UNITS

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

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
SD	Serial Dilution
TDL	Target Detection Limit

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

ALS Group USA, Corp

Date: *29-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202448
Sample ID: TD-B01-W01-021412 **Lab ID:** 1202448-01
Collection Date: 02/14/12 02:23 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **02/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0010	mg/L	1	02/21/12 11:47 AM
2,4,5-TP (Silvex)	ND		0.0020	mg/L	1	02/21/12 11:47 AM
2,4-D	ND		0.0020	mg/L	1	02/21/12 11:47 AM
Surr: DCAA	*72.2*		*30-150*	*%REC*	1	02/21/12 11:47 AM
PCBS			**SW8082**		Prep Date: **02/16/12**	Analyst: **JD**
Aroclor 1016	ND		0.00040	mg/L	1	02/17/12 11:56 PM
Aroclor 1221	ND		0.00040	mg/L	1	02/17/12 11:56 PM
Aroclor 1232	ND		0.00040	mg/L	1	02/17/12 11:56 PM
Aroclor 1242	ND		0.00040	mg/L	1	02/17/12 11:56 PM
Aroclor 1248	ND		0.00040	mg/L	1	02/17/12 11:56 PM
Aroclor 1254	ND		0.00040	mg/L	1	02/17/12 11:56 PM
Aroclor 1260	ND		0.00040	mg/L	1	02/17/12 11:56 PM
Surr: Decachlorobiphenyl	*79.0*		*40-140*	*%REC*	1	02/17/12 11:56 PM
PESTICIDES			**SW8081**		Prep Date: **02/16/12**	Analyst: **JD**
4,4´-DDD	ND		0.000020	mg/L	1	02/17/12 05:31 PM
4,4´-DDE	ND		0.000020	mg/L	1	02/17/12 05:31 PM
4,4´-DDT	ND		0.000020	mg/L	1	02/17/12 05:31 PM
Aldrin	ND		0.000010	mg/L	1	02/17/12 05:31 PM
alpha-BHC	ND		0.000010	mg/L	1	02/17/12 05:31 PM
alpha-Chlordane	ND		0.000020	mg/L	1	02/17/12 05:31 PM
beta-BHC	ND		0.000010	mg/L	1	02/17/12 05:31 PM
Chlordane, Technical	ND		0.00050	mg/L	1	02/17/12 05:31 PM
delta-BHC	ND		0.000010	mg/L	1	02/17/12 05:31 PM
Dieldrin	ND		0.000020	mg/L	1	02/17/12 05:31 PM
Endosulfan I	ND		0.000020	mg/L	1	02/17/12 05:31 PM
Endosulfan II	ND		0.000020	mg/L	1	02/17/12 05:31 PM
Endosulfan sulfate	ND		0.000020	mg/L	1	02/17/12 05:31 PM
Endrin	ND		0.000020	mg/L	1	02/17/12 05:31 PM
Endrin aldehyde	ND		0.000020	mg/L	1	02/17/12 05:31 PM
Endrin ketone	ND		0.000020	mg/L	1	02/17/12 05:31 PM
gamma-BHC (Lindane)	ND		0.000010	mg/L	1	02/17/12 05:31 PM
gamma-Chlordane	ND		0.000020	mg/L	1	02/17/12 05:31 PM
Heptachlor	ND		0.000010	mg/L	1	02/17/12 05:31 PM
Heptachlor epoxide	ND		0.000010	mg/L	1	02/17/12 05:31 PM
Hexachlorobenzene	ND		0.000010	mg/L	1	02/17/12 05:31 PM
Methoxychlor	ND		0.000040	mg/L	1	02/17/12 05:31 PM
Toxaphene	ND		0.0020	mg/L	1	02/17/12 05:31 PM
Surr: Decachlorobiphenyl	*67.0*		*30-145*	*%REC*	1	02/17/12 05:31 PM

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

ALS Group USA, Corp

Date: *29-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202448
Sample ID: TD-B01-W01-021412 **Lab ID:** 1202448-01
Collection Date: 02/14/12 02:23 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Tetrachloro-m-xylene	*70.0*		*25-140*	*%REC*	1	02/17/12 05:31 PM
MERCURY BY CVAA			**SW7470**		Prep Date: **02/17/12**	Analyst: **LR**
Mercury	ND		0.00020	mg/L	1	02/17/12 03:46 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **02/20/12**	Analyst: **RH**
Aluminum	**0.48**		**0.010**	**mg/L**	1	02/21/12 06:51 PM
Antimony	ND		0.0050	mg/L	1	02/21/12 06:51 PM
Arsenic	ND		0.0050	mg/L	1	02/21/12 06:51 PM
Barium	**0.059**		**0.0050**	**mg/L**	1	02/21/12 06:51 PM
Beryllium	ND		0.0020	mg/L	1	02/21/12 06:51 PM
Boron	**0.25**		**0.020**	**mg/L**	1	02/23/12 02:30 AM
Cadmium	ND		0.0020	mg/L	1	02/21/12 06:51 PM
Calcium	**200**		**5.0**	**mg/L**	10	02/23/12 02:25 AM
Chromium	ND		0.0050	mg/L	1	02/21/12 06:51 PM
Cobalt	ND		0.0050	mg/L	1	02/21/12 06:51 PM
Copper	**0.011**		**0.0050**	**mg/L**	1	02/21/12 06:51 PM
Iron	**2.0**		**0.080**	**mg/L**	1	02/21/12 06:51 PM
Lead	**0.012**		**0.0050**	**mg/L**	1	02/21/12 06:51 PM
Magnesium	**77**		**0.20**	**mg/L**	1	02/23/12 02:30 AM
Manganese	**0.81**		**0.0050**	**mg/L**	1	02/21/12 06:51 PM
Nickel	**0.012**		**0.0050**	**mg/L**	1	02/21/12 06:51 PM
Potassium	**11**		**0.20**	**mg/L**	1	02/21/12 06:51 PM
Selenium	ND		0.0050	mg/L	1	02/21/12 06:51 PM
Silver	ND		0.0050	mg/L	1	02/21/12 06:51 PM
Sodium	**20**		**0.20**	**mg/L**	1	02/21/12 06:51 PM
Thallium	ND		0.0050	mg/L	1	02/21/12 06:51 PM
Vanadium	ND		0.0050	mg/L	1	02/21/12 06:51 PM
Zinc	**0.12**		**0.010**	**mg/L**	1	02/21/12 06:51 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **02/20/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.0050	mg/L	1	02/22/12 01:23 AM
2,4,5-Trichlorophenol	ND		0.0050	mg/L	1	02/22/12 01:23 AM
2,4,6-Trichlorophenol	ND		0.0050	mg/L	1	02/22/12 01:23 AM
2,4-Dichlorophenol	ND		0.010	mg/L	1	02/22/12 01:23 AM
2,4-Dimethylphenol	ND		0.0050	mg/L	1	02/22/12 01:23 AM
2,4-Dinitrophenol	ND		0.0050	mg/L	1	02/22/12 01:23 AM
2,4-Dinitrotoluene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
2,6-Dinitrotoluene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
2-Chloronaphthalene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
2-Chlorophenol	ND		0.0050	mg/L	1	02/22/12 01:23 AM
2-Methylnaphthalene	ND		0.0050	mg/L	1	02/22/12 01:23 AM

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

ALS Group USA, Corp

Date: *29-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202448
Sample ID: TD-B01-W01-021412
Lab ID: 1202448-01
Collection Date: 02/14/12 02:23 PM
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Methylphenol	ND		0.0050	mg/L	1	02/22/12 01:23 AM
2-Nitroaniline	ND		0.020	mg/L	1	02/22/12 01:23 AM
2-Nitrophenol	ND		0.0050	mg/L	1	02/22/12 01:23 AM
3,3´-Dichlorobenzidine	ND		0.0050	mg/L	1	02/22/12 01:23 AM
3-Nitroaniline	ND		0.020	mg/L	1	02/22/12 01:23 AM
4,6-Dinitro-2-methylphenol	ND		0.020	mg/L	1	02/22/12 01:23 AM
4-Bromophenyl phenyl ether	ND		0.0050	mg/L	1	02/22/12 01:23 AM
4-Chloro-3-methylphenol	ND		0.0050	mg/L	1	02/22/12 01:23 AM
4-Chloroaniline	ND		0.020	mg/L	1	02/22/12 01:23 AM
4-Chlorophenyl phenyl ether	ND		0.0050	mg/L	1	02/22/12 01:23 AM
4-Methylphenol	ND		0.0050	mg/L	1	02/22/12 01:23 AM
4-Nitroaniline	ND		0.020	mg/L	1	02/22/12 01:23 AM
4-Nitrophenol	ND		0.020	mg/L	1	02/22/12 01:23 AM
Acenaphthene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Acenaphthylene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Acetophenone	ND		0.0010	mg/L	1	02/22/12 01:23 AM
Anthracene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Atrazine	ND		0.010	mg/L	1	02/22/12 01:23 AM
Benzaldehyde	ND		0.0010	mg/L	1	02/22/12 01:23 AM
Benzo(a)anthracene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Benzo(a)pyrene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Benzo(b)fluoranthene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Benzo(g,h,i)perylene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Benzo(k)fluoranthene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Bis(2-chloroethoxy)methane	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Bis(2-chloroethyl)ether	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Bis(2-chloroisopropyl)ether	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Bis(2-ethylhexyl)phthalate	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Butyl benzyl phthalate	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Caprolactam	ND		0.010	mg/L	1	02/22/12 01:23 AM
Carbazole	ND		0.010	mg/L	1	02/22/12 01:23 AM
Chrysene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Dibenzo(a,h)anthracene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Dibenzofuran	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Diethyl phthalate	ND		0.020	mg/L	1	02/22/12 01:23 AM
Dimethyl phthalate	ND		0.020	mg/L	1	02/22/12 01:23 AM
Di-n-butyl phthalate	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Di-n-octyl phthalate	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Fluoranthene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Fluorene	ND		0.0050	mg/L	1	02/22/12 01:23 AM

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

ALS Group USA, Corp

Date: *29-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202448
Sample ID: TD-B01-W01-021412 **Lab ID:** 1202448-01
Collection Date: 02/14/12 02:23 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobenzene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Hexachlorobutadiene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Hexachlorocyclopentadiene	ND		0.020	mg/L	1	02/22/12 01:23 AM
Hexachloroethane	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Indeno(1,2,3-cd)pyrene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Isophorone	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Naphthalene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Nitrobenzene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
N-Nitrosodi-n-propylamine	ND		0.0050	mg/L	1	02/22/12 01:23 AM
N-Nitrosodiphenylamine	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Pentachlorophenol	ND		0.020	mg/L	1	02/22/12 01:23 AM
Phenanthrene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Phenol	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Pyrene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Surr: 2,4,6-Tribromophenol	*69.2*		*21-125*	*%REC*	1	02/22/12 01:23 AM
Surr: 2-Fluorobiphenyl	*55.9*		*36-94*	*%REC*	1	02/22/12 01:23 AM
Surr: 2-Fluorophenol	*34.6*		*10-75*	*%REC*	1	02/22/12 01:23 AM
Surr: 4-Terphenyl-d14	*49.7*		*26-119*	*%REC*	1	02/22/12 01:23 AM
Surr: Nitrobenzene-d5	*57.6*		*41-104*	*%REC*	1	02/22/12 01:23 AM
Surr: Phenol-d6	*23.8*		*11-50*	*%REC*	1	02/22/12 01:23 AM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **AK**
1,1,1-Trichloroethane	ND		0.0010	mg/L	1	02/17/12 08:41 PM
1,1,2,2-Tetrachloroethane	ND		0.0010	mg/L	1	02/17/12 08:41 PM
1,1,2-Trichloroethane	ND		0.0010	mg/L	1	02/17/12 08:41 PM
1,1,2-Trichlorotrifluoroethane	ND		0.0010	mg/L	1	02/17/12 08:41 PM
1,1-Dichloroethane	ND		0.0010	mg/L	1	02/17/12 08:41 PM
1,1-Dichloroethene	ND		0.0010	mg/L	1	02/17/12 08:41 PM
1,2,4-Trichlorobenzene	ND		0.0010	mg/L	1	02/17/12 08:41 PM
1,2-Dibromo-3-chloropropane	ND		0.0010	mg/L	1	02/17/12 08:41 PM
1,2-Dibromoethane	ND		0.0010	mg/L	1	02/17/12 08:41 PM
1,2-Dichlorobenzene	ND		0.0010	mg/L	1	02/17/12 08:41 PM
1,2-Dichloroethane	ND		0.0010	mg/L	1	02/17/12 08:41 PM
1,2-Dichloropropane	ND		0.0020	mg/L	1	02/17/12 08:41 PM
1,3-Dichlorobenzene	ND		0.0020	mg/L	1	02/17/12 08:41 PM
1,4-Dichlorobenzene	ND		0.0020	mg/L	1	02/17/12 08:41 PM
2-Butanone	ND		0.0050	mg/L	1	02/17/12 08:41 PM
2-Hexanone	ND		0.0050	mg/L	1	02/17/12 08:41 PM
4-Methyl-2-pentanone	ND		0.0050	mg/L	1	02/17/12 08:41 PM
Acetone	ND		0.020	mg/L	1	02/17/12 08:41 PM
Benzene	ND		0.0010	mg/L	1	02/17/12 08:41 PM

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

ALS Group USA, Corp

Date: *29-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202448
Sample ID: TD-B01-W01-021412
Lab ID: 1202448-01
Collection Date: 02/14/12 02:23 PM
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromodichloromethane	ND		0.0010	mg/L	1	02/17/12 08:41 PM
Bromoform	ND		0.0010	mg/L	1	02/17/12 08:41 PM
Bromomethane	ND		0.0010	mg/L	1	02/17/12 08:41 PM
Carbon disulfide	ND		0.0025	mg/L	1	02/17/12 08:41 PM
Carbon tetrachloride	ND		0.0010	mg/L	1	02/17/12 08:41 PM
Chlorobenzene	ND		0.0010	mg/L	1	02/17/12 08:41 PM
Chloroethane	ND		0.0010	mg/L	1	02/17/12 08:41 PM
Chloroform	ND		0.0010	mg/L	1	02/17/12 08:41 PM
Chloromethane	ND		0.0010	mg/L	1	02/17/12 08:41 PM
cis-1,2-Dichloroethene	ND		0.0010	mg/L	1	02/17/12 08:41 PM
cis-1,3-Dichloropropene	ND		0.0010	mg/L	1	02/17/12 08:41 PM
Cyclohexane	ND		0.0050	mg/L	1	02/17/12 08:41 PM
Dibromochloromethane	ND		0.0010	mg/L	1	02/17/12 08:41 PM
Dichlorodifluoromethane	ND		0.0010	mg/L	1	02/17/12 08:41 PM
Ethylbenzene	ND		0.0010	mg/L	1	02/17/12 08:41 PM
Isopropylbenzene	ND		0.0010	mg/L	1	02/17/12 08:41 PM
Methyl acetate	ND		0.0020	mg/L	1	02/17/12 08:41 PM
Methyl tert-butyl ether	ND		0.0050	mg/L	1	02/17/12 08:41 PM
Methylcyclohexane	ND		0.0050	mg/L	1	02/17/12 08:41 PM
Methylene chloride	ND		0.0050	mg/L	1	02/17/12 08:41 PM
Styrene	ND		0.0010	mg/L	1	02/17/12 08:41 PM
Tetrachloroethene	ND		0.0020	mg/L	1	02/17/12 08:41 PM
Toluene	ND		0.0010	mg/L	1	02/17/12 08:41 PM
trans-1,2-Dichloroethene	ND		0.0010	mg/L	1	02/17/12 08:41 PM
trans-1,3-Dichloropropene	ND		0.0010	mg/L	1	02/17/12 08:41 PM
Trichloroethene	ND		0.0010	mg/L	1	02/17/12 08:41 PM
Trichlorofluoromethane	ND		0.0010	mg/L	1	02/17/12 08:41 PM
Vinyl chloride	ND		0.0010	mg/L	1	02/17/12 08:41 PM
Xylenes, Total	ND		0.0030	mg/L	1	02/17/12 08:41 PM
Surr: 1,2-Dichloroethane-d4	*90.9*		*70-120*	*%REC*	1	02/17/12 08:41 PM
Surr: 4-Bromofluorobenzene	*99.3*		*75-120*	*%REC*	1	02/17/12 08:41 PM
Surr: Dibromofluoromethane	*97.4*		*85-115*	*%REC*	1	02/17/12 08:41 PM
Surr: Toluene-d8	*99.5*		*85-120*	*%REC*	1	02/17/12 08:41 PM
FLASHPOINT, P-M CLOSED-CUP			**D93**			Analyst: **MB**
Flashpoint, P-M Closed-cup	**>140**			**°F**	1	02/29/12 09:40 AM
PH			**SW9040**			Analyst: **KV**
pH	**6.98**			**s.u.**	1	02/16/12 09:40 AM

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

ALS Group USA, Corp

Date: *29-Feb-12*

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202448

Sample ID: TD-B01-W01-021412 **Lab ID:** 1202448-02

Collection Date: 02/14/12 02:23 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **02/21/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/21/12 09:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 09:51 PM
Surr: DCAA	*85.0*		*30-150*	*%REC*	1	02/21/12 09:51 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **02/16/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0010	mg/L	1	02/17/12 05:31 PM
Endrin	ND		0.00010	mg/L	1	02/17/12 05:31 PM
gamma-BHC (Lindane)	ND		0.000050	mg/L	1	02/17/12 05:31 PM
Heptachlor	ND		0.000050	mg/L	1	02/17/12 05:31 PM
Methoxychlor	ND		0.00050	mg/L	1	02/17/12 05:31 PM
Toxaphene	ND		0.0040	mg/L	1	02/17/12 05:31 PM
Surr: Decachlorobiphenyl	*67.0*		*30-135*	*%REC*	1	02/17/12 05:31 PM
Surr: Tetrachloro-m-xylene	*70.0*		*25-140*	*%REC*	1	02/17/12 05:31 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **02/17/12**	Analyst: **LR**
Mercury	ND		0.00020	mg/L	1	02/17/12 03:46 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **02/20/12**	Analyst: **RH**
Arsenic	**0.0014**		**0.0010**	**mg/L**	1	02/21/12 06:51 PM
Barium	**0.059**		**0.0050**	**mg/L**	1	02/21/12 06:51 PM
Cadmium	**0.00048**		**0.00020**	**mg/L**	1	02/21/12 06:51 PM
Chromium	ND		0.0020	mg/L	1	02/21/12 06:51 PM
Lead	**0.012**		**0.0010**	**mg/L**	1	02/21/12 06:51 PM
Selenium	ND		0.0020	mg/L	1	02/21/12 06:51 PM
Silver	ND		0.00050	mg/L	1	02/21/12 06:51 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **02/20/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
2,4,5-Trichlorophenol	ND		0.0050	mg/L	1	02/22/12 01:23 AM
2,4,6-Trichlorophenol	ND		0.0050	mg/L	1	02/22/12 01:23 AM
2,4-Dinitrotoluene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Hexachloro-1,3-butadiene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Hexachlorobenzene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Hexachloroethane	ND		0.0050	mg/L	1	02/22/12 01:23 AM
m-Cresol	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Nitrobenzene	ND		0.0050	mg/L	1	02/22/12 01:23 AM
o-Cresol	ND		0.0050	mg/L	1	02/22/12 01:23 AM
p-Cresol	ND		0.0050	mg/L	1	02/22/12 01:23 AM
Pentachlorophenol	ND		0.020	mg/L	1	02/22/12 01:23 AM
Pyridine	ND		0.020	mg/L	1	02/22/12 01:23 AM
Surr: 2,4,6-Tribromophenol	*69.2*		*21-125*	*%REC*	1	02/22/12 01:23 AM

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

ALS Group USA, Corp

Date: *29-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202448
Sample ID: TD-B01-W01-021412 **Lab ID:** 1202448-02
Collection Date: 02/14/12 02:23 PM **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*55.9*		*39-94*	*%REC*	1	02/22/12 01:23 AM
Surr: 2-Fluorophenol	*34.6*		*10-75*	*%REC*	1	02/22/12 01:23 AM
Surr: 4-Terphenyl-d14	*49.7*		*26-119*	*%REC*	1	02/22/12 01:23 AM
Surr: Nitrobenzene-d5	*57.6*		*41-104*	*%REC*	1	02/22/12 01:23 AM
Surr: Phenol-d6	*23.8*		*11-50*	*%REC*	1	02/22/12 01:23 AM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **02/18/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.0010	mg/L	1	02/17/12 08:41 PM
1,2-Dichloroethane	ND		0.0010	mg/L	1	02/17/12 08:41 PM
2-Butanone	ND		0.010	mg/L	1	02/17/12 08:41 PM
Benzene	ND		0.0010	mg/L	1	02/17/12 08:41 PM
Carbon tetrachloride	ND		0.0010	mg/L	1	02/17/12 08:41 PM
Chlorobenzene	ND		0.0010	mg/L	1	02/17/12 08:41 PM
Chloroform	ND		0.0010	mg/L	1	02/17/12 08:41 PM
Tetrachloroethene	ND		0.0010	mg/L	1	02/17/12 08:41 PM
Trichloroethene	ND		0.0010	mg/L	1	02/17/12 08:41 PM
Vinyl chloride	ND		0.0010	mg/L	1	02/17/12 08:41 PM
Surr: 1,2-Dichloroethane-d4	*90.9*		*70-130*	*%REC*	1	02/17/12 08:41 PM
Surr: 4-Bromofluorobenzene	*99.3*		*70-130*	*%REC*	1	02/17/12 08:41 PM
Surr: Dibromofluoromethane	*97.4*		*70-130*	*%REC*	1	02/17/12 08:41 PM
Surr: Toluene-d8	*99.5*		*70-130*	*%REC*	1	02/17/12 08:41 PM

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

ALS Group USA, Corp

Date: *29-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202448
Sample ID: Trip Blank
Lab ID: 1202448-03
Collection Date: 02/08/12
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **AK**
1,1,1-Trichloroethane	ND		0.0010	mg/L	1	02/17/12 07:51 PM
1,1,2,2-Tetrachloroethane	ND		0.0010	mg/L	1	02/17/12 07:51 PM
1,1,2-Trichloroethane	ND		0.0010	mg/L	1	02/17/12 07:51 PM
1,1,2-Trichlorotrifluoroethane	ND		0.0010	mg/L	1	02/17/12 07:51 PM
1,1-Dichloroethane	ND		0.0010	mg/L	1	02/17/12 07:51 PM
1,1-Dichloroethene	ND		0.0010	mg/L	1	02/17/12 07:51 PM
1,2,4-Trichlorobenzene	ND		0.0010	mg/L	1	02/17/12 07:51 PM
1,2-Dibromo-3-chloropropane	ND		0.0010	mg/L	1	02/17/12 07:51 PM
1,2-Dibromoethane	ND		0.0010	mg/L	1	02/17/12 07:51 PM
1,2-Dichlorobenzene	ND		0.0010	mg/L	1	02/17/12 07:51 PM
1,2-Dichloroethane	ND		0.0010	mg/L	1	02/17/12 07:51 PM
1,2-Dichloropropane	ND		0.0020	mg/L	1	02/17/12 07:51 PM
1,3-Dichlorobenzene	ND		0.0020	mg/L	1	02/17/12 07:51 PM
1,4-Dichlorobenzene	ND		0.0020	mg/L	1	02/17/12 07:51 PM
2-Butanone	ND		0.0050	mg/L	1	02/17/12 07:51 PM
2-Hexanone	ND		0.0050	mg/L	1	02/17/12 07:51 PM
4-Methyl-2-pentanone	ND		0.0050	mg/L	1	02/17/12 07:51 PM
Acetone	ND		0.020	mg/L	1	02/17/12 07:51 PM
Benzene	ND		0.0010	mg/L	1	02/17/12 07:51 PM
Bromodichloromethane	ND		0.0010	mg/L	1	02/17/12 07:51 PM
Bromoform	ND		0.0010	mg/L	1	02/17/12 07:51 PM
Bromomethane	ND		0.0010	mg/L	1	02/17/12 07:51 PM
Carbon disulfide	ND		0.0025	mg/L	1	02/17/12 07:51 PM
Carbon tetrachloride	ND		0.0010	mg/L	1	02/17/12 07:51 PM
Chlorobenzene	ND		0.0010	mg/L	1	02/17/12 07:51 PM
Chloroethane	ND		0.0010	mg/L	1	02/17/12 07:51 PM
Chloroform	ND		0.0010	mg/L	1	02/17/12 07:51 PM
Chloromethane	ND		0.0010	mg/L	1	02/17/12 07:51 PM
cis-1,2-Dichloroethene	ND		0.0010	mg/L	1	02/17/12 07:51 PM
cis-1,3-Dichloropropene	ND		0.0010	mg/L	1	02/17/12 07:51 PM
Cyclohexane	ND		0.0050	mg/L	1	02/17/12 07:51 PM
Dibromochloromethane	ND		0.0010	mg/L	1	02/17/12 07:51 PM
Dichlorodifluoromethane	ND		0.0010	mg/L	1	02/17/12 07:51 PM
Ethylbenzene	ND		0.0010	mg/L	1	02/17/12 07:51 PM
Isopropylbenzene	ND		0.0010	mg/L	1	02/17/12 07:51 PM
Methyl acetate	ND		0.0020	mg/L	1	02/17/12 07:51 PM
Methyl tert-butyl ether	ND		0.0050	mg/L	1	02/17/12 07:51 PM
Methylcyclohexane	ND		0.0050	mg/L	1	02/17/12 07:51 PM
Methylene chloride	ND		0.0050	mg/L	1	02/17/12 07:51 PM

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

ALS Group USA, Corp

Date: *29-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202448
Sample ID: Trip Blank
Lab ID: 1202448-03
Collection Date: 02/08/12
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		0.0010	mg/L	1	02/17/12 07:51 PM
Tetrachloroethene	ND		0.0020	mg/L	1	02/17/12 07:51 PM
Toluene	ND		0.0010	mg/L	1	02/17/12 07:51 PM
trans-1,2-Dichloroethene	ND		0.0010	mg/L	1	02/17/12 07:51 PM
trans-1,3-Dichloropropene	ND		0.0010	mg/L	1	02/17/12 07:51 PM
Trichloroethene	ND		0.0010	mg/L	1	02/17/12 07:51 PM
Trichlorofluoromethane	ND		0.0010	mg/L	1	02/17/12 07:51 PM
Vinyl chloride	ND		0.0010	mg/L	1	02/17/12 07:51 PM
Xylenes, Total	ND		0.0030	mg/L	1	02/17/12 07:51 PM
Surr: 1,2-Dichloroethane-d4	*91.4*		*70-120*	*%REC*	1	02/17/12 07:51 PM
Surr: 4-Bromofluorobenzene	*97.6*		*75-120*	*%REC*	1	02/17/12 07:51 PM
Surr: Dibromofluoromethane	*99.2*		*85-115*	*%REC*	1	02/17/12 07:51 PM
Surr: Toluene-d8	*98.5*		*85-120*	*%REC*	1	02/17/12 07:51 PM

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

EASTERN SANDUSKY COUNTY DUMPS
SANDUSKY COUNTY, OHIO
DATA VALIDATION REPORT

Date: March 9, 2012
Laboratory: ALS Environmental (ALS), Holland, Michigan
Laboratory Project #: 1202453
Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON®) Superfund Technical Assessment and Response Team (START)
Weston Analytical Work Order #/TDD #: 20405.016.001.1731.00/S05-0001-1201-020

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

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

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

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1202453

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
TD-B01-W01-021412-DP	1202453-01	Water	2/14/2012	2/17/2012
Trip Blank	1202453-03	Water	2/8/2012	2/17/2012

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 VOC analyses. The method blank was free of target compound contamination above the reporting limit. Methlylene chloride was detected below the reporting limit in one of the blanks but not detected in the samples; therefore, no qualifications were required.

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

4. Surrogate Results

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

5. Laboratory Control Sample (LCS) Results

The LCS and LCS duplicate (LCSD) recoveries and relative percent differences (RPD) were within laboratory QC limits.

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

An MS and MSD were not analyzed using a sample from this work order; therefore matrix interferences could not be evaluated using the MS/MSD. For the MS/MSD that was analyzed, the percent recoveries and RPDs were within QC limits.

7. Field Duplicate Results

The sample in this work order is a field duplicate of sample TD-B01-W01-021412 which was analyzed in work order 1202448. The results for both the field duplicate and parent sample were non-detect indicating good correlation between the samples.

8. Overall Assessment

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

TCLP VOCs by SW-846 METHODS 1311 AND 8260

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
TD-B01-W01-021412-DP	1202453-02	Water	2/14/2012	2/17/2012

2. Holding Times

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

3. Blanks

A method blank was analyzed with the VOC analyses. The method blank was free of target compound contamination above the reporting limit. Methlylene chloride was detected below the reporting limit in one of the blanks but not detected in the samples; therefore, no qualifications were required.

4. Surrogate Results

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

5. LCS Results

The LCS and LCSD recoveries and RPDs were within laboratory QC limits.

6. MS and MSD Results

An MS and MSD were not analyzed using a sample from this work order; therefore matrix interferences could not be evaluated using the MS/MSD. For the MS/MSD that was analyzed, the percent recoveries and RPDs were within QC limits.

7. Field Duplicate Results

The sample in this work order is a field duplicate of sample TD-B01-W01-021412 which was analyzed in work order 1202448. The results for both the field duplicate and parent sample were non-detect indicating good correlation between the samples.

8. Overall Assessment

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

SVOCs BY SW-846 METHOD 8270

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
TD-B01-W01-021412-DP	1202453-01	Water	2/14/2012	2/20/2012	2/22/2012

2. Holding Times

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

3. Blanks

Method blanks were analyzed with the 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 and RPDs for the LCS and LCSD results were within the laboratory-established QC limits except for as follows. Two target SVOCs were detected above the QC limit for percent recovery; however, these compounds were not detected in the sample and no qualification was warranted.

6. MS and MSD Results

An MS and MSD were analyzed using a sample from another work order; therefore matrix interferences could not be evaluated for the sample in this work order. For the MS/MSD that was analyzed, the percent recoveries and RPDs were acceptable.

7. Field Duplicate Results

The sample in this work order is a field duplicate of sample TD-B01-W01-021412 which was analyzed in work order 1202448. The results for both the field duplicate and parent sample were non-detect indicating good correlation between the samples.

8. Overall Assessment

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

TCLP SVOCs BY SW-846 METHODS 1311 AND 8270

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
TD-B01-W01-021412-DP	1202453-02	Water	2/14/2012	2/20/2012	2/22/2012

2. Holding Times

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

3. Blanks

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

4. Surrogate Results

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

5. LCS Results

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

6. MS and MSD Results

An MS and MSD were analyzed using a sample from another work order; therefore matrix interferences could not be evaluated for the sample in this work order. For the MS/MSD that was analyzed, the percent recoveries and RPDs were acceptable.

7. Field Duplicate Results

The sample in this work order is a field duplicate of sample TD-B01-W01-021412 which was analyzed in work order 1202448. The results for both the field duplicate and parent sample were non-detect indicating good correlation between the samples.

8. Overall Assessment

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

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1202453

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
TD-B01-W01-021412-DP	1202453-01	Water	2/14/2012	2/16/2012	2/17/2012

2. Holding Times

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

3. Blanks

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

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

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

6. MS and MSD Results

An MS and MSD were analyzed using a sample from another work order; therefore matrix interferences could not be evaluated for the sample in this work order. For the MS/MSD that was analyzed, the percent recoveries and RPDs were acceptable.

7. Field Duplicate Results

The sample in this work order is a field duplicate of sample TD-B01-W01-021412 which was analyzed in work order 1202448. The results for both the field duplicate and parent sample were non-detect indicating good correlation between the samples.

8. Overall Assessment

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

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
TD-B01-W01-021412-DP	1202453-01	Water	2/14/2012	2/16/2012	2/17/2012

2. Holding Times

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

3. Blanks

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 and LCSD recoveries and RPDs were within the laboratory-established QC limits.

6. MS and MSD Results

An MS and MSD were analyzed using a sample from another work order; therefore matrix interferences could not be evaluated for the sample in this work order. For the MS/MSD that was analyzed, the percent recoveries and RPDs were acceptable.

7. Field Duplicate Results

The sample in this work order is a field duplicate of sample TD-B01-W01-021412 which was analyzed in work order 1202448. The results for both the field duplicate and parent sample were non-detect indicating good correlation between the 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
TD-B01-W01-021412-DP	1202453-02	Water	2/14/2012	2/16/2012	2/17/2012

2. Holding Times

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

3. Blanks

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 and LCSD recoveries and RPDs were within the laboratory-established QC limits.

6. MS and MSD Results

A site-specific MS and MSD were not analyzed. No qualifications are required.

7. Field Duplicate Results

The sample in this work order is a field duplicate of sample TD-B01-W01-021412 which was analyzed in work order 1202448. The results for both the field duplicate and parent sample were non-detect indicating good correlation between the samples.

8. Overall Assessment

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

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
TD-B01-W01-021412-DP	1202453-01	Water	2/14/2012	2/20/2012	2/21/2012

2. Holding Times

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

3. Blanks

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 and LCSD recoveries and RPDs were within the laboratory-established QC limits.

6. MS and MSD Results

An MS and MSD were analyzed using a sample from another work order; therefore matrix interferences could not be evaluated for the sample in this work order. For the MS/MSD that was analyzed, the percent recoveries and RPDs were acceptable.

7. Field Duplicate Results

The sample in this work order is a field duplicate of sample TD-B01-W01-021412 which was analyzed in work order 1202448. The results for both the field duplicate and parent sample were non-detect indicating good correlation between the samples.

8. Overall Assessment

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

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
TD-B01-W01-021412-DP	1202453-02	Water	2/14/2012	2/21/2012	2/21/2012

2. Holding Times

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

3. Blanks

A method blank was analyzed with the TCLP 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 and LCSD recoveries and RPDs were within the laboratory-established QC limits.

6. MS and MSD Results

An MS and MSD were analyzed using a sample from another work order; therefore matrix interferences could not be evaluated for the sample in this work order. For the MS/MSD that was analyzed, the percent recoveries and RPDs were acceptable.

7. Field Duplicate Results

The sample in this work order is a field duplicate of sample TD-B01-W01-021412 which was analyzed in work order 1202448. The results for both the field duplicate and parent sample were non-detect indicating good correlation between the samples.

8. Overall Assessment

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

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1202453

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
TD-B01-W01-021412-DP	1202453-01	Water	2/14/2012	2/17/2012 – 2/23/2012

2. Holding Times

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

3. Blank Results

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

4. LCS Results

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

5. MS and MSD Results

A site-specific MS and MSD were analyzed using a sample from another work order. No qualifications are required.

6. Field Duplicate Results

The sample in this work order is a field duplicate of sample TD-B01-W01-021412 which was analyzed in work order 1202448. RPDs were calculated for detected metals. The RPDs ranged from 0 to 40 percent which is below a standard QC limit of 50. Correlation between the two samples is acceptable.

7. Overall Assessment

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

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1202453

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
TD-B01-W01-021412-DP	1202453-02	Water	2/14/2012	2/17/2012 – 2/21/2012

2. Holding Times

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

3. Blank Results

Method blanks were analyzed with the metals analysis. The blanks were free of target analyte contamination above the reporting limits.

4. LCS Results

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

5. MS and MSD Results

An MS and MSD were analyzed using a soil sample from another work order. The percent recoveries and RPDs were acceptable.

6. Field Duplicate Results

The sample in this work order is a field duplicate of sample TD-B01-W01-021412 which was analyzed in work order 1202448. RPDs were calculated for detected metals. The RPDs ranged from 4 to 30 percent which is below a standard QC limit of 50. Correlation between the two samples is acceptable.

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 #: 1202453

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
TD-B01-W01-021412-DP	1202453-01	Water	2/14/2012	2/16/2012 – 2/29/2012

2. Holding Times

The methods state that flashpoint and pH should be analyzed as soon as possible. For pH, the sample was analyzed fairly quickly upon receipt at the laboratory. The flashpoint analysis holding time is fairly high at approximately 14 days. However, because this is a water sample, the sample is not expected to flash and no qualifications were applied.

3. LCS Results

The percent recoveries for the LCSs were within QC limits.

5. Laboratory Duplicate Results

A laboratory duplicate was analyzed with the pH analysis. The RPD was within QC limits.

6. Field Duplicate Results

The sample in this work order is a field duplicate of sample TD-B01-W01-021412 which was analyzed in work order 1202448. For flashpoint both the field duplicate and parent sample had a result of >140 degrees Fahrenheit. For pH, the RPD was calculated to be 1 percent which is acceptable. Correlation between the two samples is acceptable.

7. Overall Assessment

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

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1202453

ATTACHMENT

ALS ENVIRONMENTAL
RESULTS SUMMARY WITH QUALIFIERS

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
WorkOrder: **1202453**

QUALIFIERS, ACRONYMS, UNITS

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

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
SD	Serial Dilution
TDL	Target Detection Limit

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

ALS Group USA, Corp

Date: *29-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202453
Sample ID: TD-B01-W01-021412-DP **Lab ID:** 1202453-01
Collection Date: 02/14/12 **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			**SW8151**		Prep Date: **02/20/12**	Analyst: **JD**
2,4,5-T	ND		0.0010	mg/L	1	02/21/12 11:47 AM
2,4,5-TP (Silvex)	ND		0.0020	mg/L	1	02/21/12 11:47 AM
2,4-D	ND		0.0020	mg/L	1	02/21/12 11:47 AM
Surr: DCAA	*58.2*		*30-150*	*%REC*	1	02/21/12 11:47 AM
PCBS			**SW8082**		Prep Date: **02/16/12**	Analyst: **JD**
Aroclor 1016	ND		0.00040	mg/L	1	02/17/12 11:56 PM
Aroclor 1221	ND		0.00040	mg/L	1	02/17/12 11:56 PM
Aroclor 1232	ND		0.00040	mg/L	1	02/17/12 11:56 PM
Aroclor 1242	ND		0.00040	mg/L	1	02/17/12 11:56 PM
Aroclor 1248	ND		0.00040	mg/L	1	02/17/12 11:56 PM
Aroclor 1254	ND		0.00040	mg/L	1	02/17/12 11:56 PM
Aroclor 1260	ND		0.00040	mg/L	1	02/17/12 11:56 PM
Surr: Decachlorobiphenyl	*84.0*		*40-140*	*%REC*	1	02/17/12 11:56 PM
PESTICIDES			**SW8081**		Prep Date: **02/16/12**	Analyst: **JD**
4,4´-DDD	ND		0.000020	mg/L	1	02/17/12 06:16 PM
4,4´-DDE	ND		0.000020	mg/L	1	02/17/12 06:16 PM
4,4´-DDT	ND		0.000020	mg/L	1	02/17/12 06:16 PM
Aldrin	ND		0.000010	mg/L	1	02/17/12 06:16 PM
alpha-BHC	ND		0.000010	mg/L	1	02/17/12 06:16 PM
alpha-Chlordane	ND		0.000020	mg/L	1	02/17/12 06:16 PM
beta-BHC	ND		0.000010	mg/L	1	02/17/12 06:16 PM
Chlordane, Technical	ND		0.00050	mg/L	1	02/17/12 06:16 PM
delta-BHC	ND		0.000010	mg/L	1	02/17/12 06:16 PM
Dieldrin	ND		0.000020	mg/L	1	02/17/12 06:16 PM
Endosulfan I	ND		0.000020	mg/L	1	02/17/12 06:16 PM
Endosulfan II	ND		0.000020	mg/L	1	02/17/12 06:16 PM
Endosulfan sulfate	ND		0.000020	mg/L	1	02/17/12 06:16 PM
Endrin	ND		0.000020	mg/L	1	02/17/12 06:16 PM
Endrin aldehyde	ND		0.000020	mg/L	1	02/17/12 06:16 PM
Endrin ketone	ND		0.000020	mg/L	1	02/17/12 06:16 PM
gamma-BHC (Lindane)	ND		0.000010	mg/L	1	02/17/12 06:16 PM
gamma-Chlordane	ND		0.000020	mg/L	1	02/17/12 06:16 PM
Heptachlor	ND		0.000010	mg/L	1	02/17/12 06:16 PM
Heptachlor epoxide	ND		0.000010	mg/L	1	02/17/12 06:16 PM
Hexachlorobenzene	ND		0.000010	mg/L	1	02/17/12 06:16 PM
Methoxychlor	ND		0.000040	mg/L	1	02/17/12 06:16 PM
Toxaphene	ND		0.0020	mg/L	1	02/17/12 06:16 PM
Surr: Decachlorobiphenyl	*67.0*		*30-145*	*%REC*	1	02/17/12 06:16 PM

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

ALS Group USA, Corp

Date: *29-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202453
Sample ID: TD-B01-W01-021412-DP **Lab ID:** 1202453-01
Collection Date: 02/14/12 **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Tetrachloro-m-xylene	*73.0*		*25-140*	*%REC*	1	02/17/12 06:16 PM
MERCURY BY CVAA			**SW7470**		Prep Date: **02/17/12**	Analyst: **LR**
Mercury	ND		0.00020	mg/L	1	02/17/12 01:59 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **02/20/12**	Analyst: **RH**
Aluminum	**0.32**		**0.010**	**mg/L**	1	02/21/12 06:56 PM
Antimony	ND		0.0050	mg/L	1	02/21/12 06:56 PM
Arsenic	ND		0.0050	mg/L	1	02/21/12 06:56 PM
Barium	**0.056**		**0.0050**	**mg/L**	1	02/21/12 06:56 PM
Beryllium	ND		0.0020	mg/L	1	02/21/12 06:56 PM
Boron	**0.25**		**0.020**	**mg/L**	1	02/23/12 04:13 AM
Cadmium	ND		0.0020	mg/L	1	02/21/12 06:56 PM
Calcium	**200**		**5.0**	**mg/L**	10	02/23/12 04:08 AM
Chromium	ND		0.0050	mg/L	1	02/21/12 06:56 PM
Cobalt	ND		0.0050	mg/L	1	02/21/12 06:56 PM
Copper	**0.011**		**0.0050**	**mg/L**	1	02/21/12 06:56 PM
Iron	**1.7**		**0.080**	**mg/L**	1	02/21/12 06:56 PM
Lead	**0.0089**		**0.0050**	**mg/L**	1	02/21/12 06:56 PM
Magnesium	**79**		**0.20**	**mg/L**	1	02/23/12 04:13 AM
Manganese	**0.79**		**0.0050**	**mg/L**	1	02/21/12 06:56 PM
Nickel	**0.012**		**0.0050**	**mg/L**	1	02/21/12 06:56 PM
Potassium	**11**		**0.20**	**mg/L**	1	02/21/12 06:56 PM
Selenium	ND		0.0050	mg/L	1	02/21/12 06:56 PM
Silver	ND		0.0050	mg/L	1	02/21/12 06:56 PM
Sodium	**20**		**0.20**	**mg/L**	1	02/21/12 06:56 PM
Thallium	ND		0.0050	mg/L	1	02/21/12 06:56 PM
Vanadium	ND		0.0050	mg/L	1	02/21/12 06:56 PM
Zinc	**0.12**		**0.010**	**mg/L**	1	02/21/12 06:56 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep Date: **02/20/12**	Analyst: **HL**
1,1`-Biphenyl	ND		0.0050	mg/L	1	02/22/12 01:55 AM
2,4,5-Trichlorophenol	ND		0.0050	mg/L	1	02/22/12 01:55 AM
2,4,6-Trichlorophenol	ND		0.0050	mg/L	1	02/22/12 01:55 AM
2,4-Dichlorophenol	ND		0.010	mg/L	1	02/22/12 01:55 AM
2,4-Dimethylphenol	ND		0.0050	mg/L	1	02/22/12 01:55 AM
2,4-Dinitrophenol	ND		0.0050	mg/L	1	02/22/12 01:55 AM
2,4-Dinitrotoluene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
2,6-Dinitrotoluene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
2-Chloronaphthalene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
2-Chlorophenol	ND		0.0050	mg/L	1	02/22/12 01:55 AM
2-Methylnaphthalene	ND		0.0050	mg/L	1	02/22/12 01:55 AM

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

ALS Group USA, Corp

Date: *29-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202453
Sample ID: TD-B01-W01-021412-DP
Lab ID: 1202453-01
Collection Date: 02/14/12
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Methylphenol	ND		0.0050	mg/L	1	02/22/12 01:55 AM
2-Nitroaniline	ND		0.020	mg/L	1	02/22/12 01:55 AM
2-Nitrophenol	ND		0.0050	mg/L	1	02/22/12 01:55 AM
3,3´-Dichlorobenzidine	ND		0.0050	mg/L	1	02/22/12 01:55 AM
3-Nitroaniline	ND		0.020	mg/L	1	02/22/12 01:55 AM
4,6-Dinitro-2-methylphenol	ND		0.020	mg/L	1	02/22/12 01:55 AM
4-Bromophenyl phenyl ether	ND		0.0050	mg/L	1	02/22/12 01:55 AM
4-Chloro-3-methylphenol	ND		0.0050	mg/L	1	02/22/12 01:55 AM
4-Chloroaniline	ND		0.020	mg/L	1	02/22/12 01:55 AM
4-Chlorophenyl phenyl ether	ND		0.0050	mg/L	1	02/22/12 01:55 AM
4-Methylphenol	ND		0.0050	mg/L	1	02/22/12 01:55 AM
4-Nitroaniline	ND		0.020	mg/L	1	02/22/12 01:55 AM
4-Nitrophenol	ND		0.020	mg/L	1	02/22/12 01:55 AM
Acenaphthene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Acenaphthylene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Acetophenone	ND		0.0010	mg/L	1	02/22/12 01:55 AM
Anthracene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Atrazine	ND		0.010	mg/L	1	02/22/12 01:55 AM
Benzaldehyde	ND		0.0010	mg/L	1	02/22/12 01:55 AM
Benzo(a)anthracene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Benzo(a)pyrene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Benzo(b)fluoranthene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Benzo(g,h,i)perylene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Benzo(k)fluoranthene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Bis(2-chloroethoxy)methane	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Bis(2-chloroethyl)ether	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Bis(2-chloroisopropyl)ether	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Bis(2-ethylhexyl)phthalate	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Butyl benzyl phthalate	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Caprolactam	ND		0.010	mg/L	1	02/22/12 01:55 AM
Carbazole	ND		0.010	mg/L	1	02/22/12 01:55 AM
Chrysene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Dibenzo(a,h)anthracene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Dibenzofuran	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Diethyl phthalate	ND		0.020	mg/L	1	02/22/12 01:55 AM
Dimethyl phthalate	ND		0.020	mg/L	1	02/22/12 01:55 AM
Di-n-butyl phthalate	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Di-n-octyl phthalate	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Fluoranthene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Fluorene	ND		0.0050	mg/L	1	02/22/12 01:55 AM

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

ALS Group USA, Corp

Date: *29-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202453
Sample ID: TD-B01-W01-021412-DP **Lab ID:** 1202453-01
Collection Date: 02/14/12 **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobenzene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Hexachlorobutadiene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Hexachlorocyclopentadiene	ND		0.020	mg/L	1	02/22/12 01:55 AM
Hexachloroethane	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Indeno(1,2,3-cd)pyrene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Isophorone	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Naphthalene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Nitrobenzene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
N-Nitrosodi-n-propylamine	ND		0.0050	mg/L	1	02/22/12 01:55 AM
N-Nitrosodiphenylamine	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Pentachlorophenol	ND		0.020	mg/L	1	02/22/12 01:55 AM
Phenanthrene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Phenol	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Pyrene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Surr: 2,4,6-Tribromophenol	*77.3*		*21-125*	*%REC*	1	02/22/12 01:55 AM
Surr: 2-Fluorobiphenyl	*68.0*		*36-94*	*%REC*	1	02/22/12 01:55 AM
Surr: 2-Fluorophenol	*43.1*		*10-75*	*%REC*	1	02/22/12 01:55 AM
Surr: 4-Terphenyl-d14	*58.7*		*26-119*	*%REC*	1	02/22/12 01:55 AM
Surr: Nitrobenzene-d5	*73.6*		*41-104*	*%REC*	1	02/22/12 01:55 AM
Surr: Phenol-d6	*29.1*		*11-50*	*%REC*	1	02/22/12 01:55 AM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **AK**
1,1,1-Trichloroethane	ND		0.0010	mg/L	1	02/17/12 09:06 PM
1,1,2,2-Tetrachloroethane	ND		0.0010	mg/L	1	02/17/12 09:06 PM
1,1,2-Trichloroethane	ND		0.0010	mg/L	1	02/17/12 09:06 PM
1,1,2-Trichlorotrifluoroethane	ND		0.0010	mg/L	1	02/17/12 09:06 PM
1,1-Dichloroethane	ND		0.0010	mg/L	1	02/17/12 09:06 PM
1,1-Dichloroethene	ND		0.0010	mg/L	1	02/17/12 09:06 PM
1,2,4-Trichlorobenzene	ND		0.0010	mg/L	1	02/17/12 09:06 PM
1,2-Dibromo-3-chloropropane	ND		0.0010	mg/L	1	02/17/12 09:06 PM
1,2-Dibromoethane	ND		0.0010	mg/L	1	02/17/12 09:06 PM
1,2-Dichlorobenzene	ND		0.0010	mg/L	1	02/17/12 09:06 PM
1,2-Dichloroethane	ND		0.0010	mg/L	1	02/17/12 09:06 PM
1,2-Dichloropropane	ND		0.0020	mg/L	1	02/17/12 09:06 PM
1,3-Dichlorobenzene	ND		0.0020	mg/L	1	02/17/12 09:06 PM
1,4-Dichlorobenzene	ND		0.0020	mg/L	1	02/17/12 09:06 PM
2-Butanone	ND		0.0050	mg/L	1	02/17/12 09:06 PM
2-Hexanone	ND		0.0050	mg/L	1	02/17/12 09:06 PM
4-Methyl-2-pentanone	ND		0.0050	mg/L	1	02/17/12 09:06 PM
Acetone	ND		0.020	mg/L	1	02/17/12 09:06 PM
Benzene	ND		0.0010	mg/L	1	02/17/12 09:06 PM

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

ALS Group USA, Corp

Date: *29-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202453
Sample ID: TD-B01-W01-021412-DP
Lab ID: 1202453-01
Collection Date: 02/14/12
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromodichloromethane	ND		0.0010	mg/L	1	02/17/12 09:06 PM
Bromoform	ND		0.0010	mg/L	1	02/17/12 09:06 PM
Bromomethane	ND		0.0010	mg/L	1	02/17/12 09:06 PM
Carbon disulfide	ND		0.0025	mg/L	1	02/17/12 09:06 PM
Carbon tetrachloride	ND		0.0010	mg/L	1	02/17/12 09:06 PM
Chlorobenzene	ND		0.0010	mg/L	1	02/17/12 09:06 PM
Chloroethane	ND		0.0010	mg/L	1	02/17/12 09:06 PM
Chloroform	ND		0.0010	mg/L	1	02/17/12 09:06 PM
Chloromethane	ND		0.0010	mg/L	1	02/17/12 09:06 PM
cis-1,2-Dichloroethene	ND		0.0010	mg/L	1	02/17/12 09:06 PM
cis-1,3-Dichloropropene	ND		0.0010	mg/L	1	02/17/12 09:06 PM
Cyclohexane	ND		0.0050	mg/L	1	02/17/12 09:06 PM
Dibromochloromethane	ND		0.0010	mg/L	1	02/17/12 09:06 PM
Dichlorodifluoromethane	ND		0.0010	mg/L	1	02/17/12 09:06 PM
Ethylbenzene	ND		0.0010	mg/L	1	02/17/12 09:06 PM
Isopropylbenzene	ND		0.0010	mg/L	1	02/17/12 09:06 PM
Methyl acetate	ND		0.0020	mg/L	1	02/17/12 09:06 PM
Methyl tert-butyl ether	ND		0.0050	mg/L	1	02/17/12 09:06 PM
Methylcyclohexane	ND		0.0050	mg/L	1	02/17/12 09:06 PM
Methylene chloride	ND		0.0050	mg/L	1	02/17/12 09:06 PM
Styrene	ND		0.0010	mg/L	1	02/17/12 09:06 PM
Tetrachloroethene	ND		0.0020	mg/L	1	02/17/12 09:06 PM
Toluene	ND		0.0010	mg/L	1	02/17/12 09:06 PM
trans-1,2-Dichloroethene	ND		0.0010	mg/L	1	02/17/12 09:06 PM
trans-1,3-Dichloropropene	ND		0.0010	mg/L	1	02/17/12 09:06 PM
Trichloroethene	ND		0.0010	mg/L	1	02/17/12 09:06 PM
Trichlorofluoromethane	ND		0.0010	mg/L	1	02/17/12 09:06 PM
Vinyl chloride	ND		0.0010	mg/L	1	02/17/12 09:06 PM
Xylenes, Total	ND		0.0030	mg/L	1	02/17/12 09:06 PM
Surr: 1,2-Dichloroethane-d4	*90.2*		*70-120*	*%REC*	1	02/17/12 09:06 PM
Surr: 4-Bromofluorobenzene	*98.5*		*75-120*	*%REC*	1	02/17/12 09:06 PM
Surr: Dibromofluoromethane	*97.4*		*85-115*	*%REC*	1	02/17/12 09:06 PM
Surr: Toluene-d8	*99.2*		*85-120*	*%REC*	1	02/17/12 09:06 PM
FLASHPOINT, P-M CLOSED-CUP			**D93**			Analyst: **MB**
Flashpoint, P-M Closed-cup	**>140**			**°F**	1	02/29/12 09:40 AM
PH			**SW9040**			Analyst: **KV**
pH	**7.02**			**s.u.**	1	02/16/12 09:40 AM

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

ALS Group USA, Corp

Date: *29-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202453
Sample ID: TD-B01-W01-021412-DP **Lab ID:** 1202453-02
Collection Date: 02/14/12 **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			**SW8151**		Prep Date: **02/21/12**	Analyst: **JD**
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/21/12 09:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 09:51 PM
Surr: DCAA	*80.8*		*30-150*	*%REC*	1	02/21/12 09:51 PM
TCLP PESTICIDES			**SW8081**		Prep Date: **02/16/12**	Analyst: **JD**
Chlordane, Technical	ND		0.0010	mg/L	1	02/17/12 06:16 PM
Endrin	ND		0.00010	mg/L	1	02/17/12 06:16 PM
gamma-BHC (Lindane)	ND		0.000050	mg/L	1	02/17/12 06:16 PM
Heptachlor	ND		0.000050	mg/L	1	02/17/12 06:16 PM
Methoxychlor	ND		0.00050	mg/L	1	02/17/12 06:16 PM
Toxaphene	ND		0.0040	mg/L	1	02/17/12 06:16 PM
Surr: Decachlorobiphenyl	*67.0*		*30-135*	*%REC*	1	02/17/12 06:16 PM
Surr: Tetrachloro-m-xylene	*73.0*		*25-140*	*%REC*	1	02/17/12 06:16 PM
TCLP MERCURY BY CVAA			**SW7470A**		Prep Date: **02/17/12**	Analyst: **LR**
Mercury	ND		0.00020	mg/L	1	02/17/12 01:59 PM
TCLP METALS ANALYSIS BY ICP-MS			**SW6020A**		Prep Date: **02/20/12**	Analyst: **RH**
Arsenic	**0.0012**		**0.0010**	**mg/L**	1	02/21/12 06:56 PM
Barium	**0.056**		**0.0050**	**mg/L**	1	02/21/12 06:56 PM
Cadmium	**0.00046**		**0.00020**	**mg/L**	1	02/21/12 06:56 PM
Chromium	ND		0.0020	mg/L	1	02/21/12 06:56 PM
Lead	**0.0089**		**0.0010**	**mg/L**	1	02/21/12 06:56 PM
Selenium	ND		0.0020	mg/L	1	02/21/12 06:56 PM
Silver	ND		0.00050	mg/L	1	02/21/12 06:56 PM
TCLP SEMI-VOLATILE ORGANICS			**SW8270**		Prep Date: **02/20/12**	Analyst: **HL**
1,4-Dichlorobenzene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
2,4,5-Trichlorophenol	ND		0.0050	mg/L	1	02/22/12 01:55 AM
2,4,6-Trichlorophenol	ND		0.0050	mg/L	1	02/22/12 01:55 AM
2,4-Dinitrotoluene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Hexachloro-1,3-butadiene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Hexachlorobenzene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Hexachloroethane	ND		0.0050	mg/L	1	02/22/12 01:55 AM
m-Cresol	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Nitrobenzene	ND		0.0050	mg/L	1	02/22/12 01:55 AM
o-Cresol	ND		0.0050	mg/L	1	02/22/12 01:55 AM
p-Cresol	ND		0.0050	mg/L	1	02/22/12 01:55 AM
Pentachlorophenol	ND		0.020	mg/L	1	02/22/12 01:55 AM
Pyridine	ND		0.020	mg/L	1	02/22/12 01:55 AM
Surr: 2,4,6-Tribromophenol	*77.3*		*21-125*	*%REC*	1	02/22/12 01:55 AM

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

ALS Group USA, Corp

Date: *29-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps **Work Order:** 1202453
Sample ID: TD-B01-W01-021412-DP **Lab ID:** 1202453-02
Collection Date: 02/14/12 **Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	*68.0*		*39-94*	*%REC*	1	02/22/12 01:55 AM
Surr: 2-Fluorophenol	*43.1*		*10-75*	*%REC*	1	02/22/12 01:55 AM
Surr: 4-Terphenyl-d14	*58.7*		*26-119*	*%REC*	1	02/22/12 01:55 AM
Surr: Nitrobenzene-d5	*73.6*		*41-104*	*%REC*	1	02/22/12 01:55 AM
Surr: Phenol-d6	*29.1*		*11-50*	*%REC*	1	02/22/12 01:55 AM
TCLP VOLATILE ORGANICS			**SW8260**		Prep Date: **02/17/12**	Analyst: **AK**
1,1-Dichloroethene	ND		0.0010	mg/L	1	02/17/12 09:06 PM
1,2-Dichloroethane	ND		0.0010	mg/L	1	02/17/12 09:06 PM
2-Butanone	ND		0.010	mg/L	1	02/17/12 09:06 PM
Benzene	ND		0.0010	mg/L	1	02/17/12 09:06 PM
Carbon tetrachloride	ND		0.0010	mg/L	1	02/17/12 09:06 PM
Chlorobenzene	ND		0.0010	mg/L	1	02/17/12 09:06 PM
Chloroform	ND		0.0010	mg/L	1	02/17/12 09:06 PM
Tetrachloroethene	ND		0.0010	mg/L	1	02/17/12 09:06 PM
Trichloroethene	ND		0.0010	mg/L	1	02/17/12 09:06 PM
Vinyl chloride	ND		0.0010	mg/L	1	02/17/12 09:06 PM
Surr: 1,2-Dichloroethane-d4	*90.2*		*70-130*	*%REC*	1	02/17/12 09:06 PM
Surr: 4-Bromofluorobenzene	*98.5*		*70-130*	*%REC*	1	02/17/12 09:06 PM
Surr: Dibromofluoromethane	*97.4*		*70-130*	*%REC*	1	02/17/12 09:06 PM
Surr: Toluene-d8	*99.2*		*70-130*	*%REC*	1	02/17/12 09:06 PM

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

ALS Group USA, Corp

Date: *29-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202453
Sample ID: Trip Blank
Lab ID: 1202453-03
Collection Date: 02/14/12
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **AK**
1,1,1-Trichloroethane	ND		0.0010	mg/L	1	02/17/12 08:16 PM
1,1,2,2-Tetrachloroethane	ND		0.0010	mg/L	1	02/17/12 08:16 PM
1,1,2-Trichloroethane	ND		0.0010	mg/L	1	02/17/12 08:16 PM
1,1,2-Trichlorotrifluoroethane	ND		0.0010	mg/L	1	02/17/12 08:16 PM
1,1-Dichloroethane	ND		0.0010	mg/L	1	02/17/12 08:16 PM
1,1-Dichloroethene	ND		0.0010	mg/L	1	02/17/12 08:16 PM
1,2,4-Trichlorobenzene	ND		0.0010	mg/L	1	02/17/12 08:16 PM
1,2-Dibromo-3-chloropropane	ND		0.0010	mg/L	1	02/17/12 08:16 PM
1,2-Dibromoethane	ND		0.0010	mg/L	1	02/17/12 08:16 PM
1,2-Dichlorobenzene	ND		0.0010	mg/L	1	02/17/12 08:16 PM
1,2-Dichloroethane	ND		0.0010	mg/L	1	02/17/12 08:16 PM
1,2-Dichloropropane	ND		0.0020	mg/L	1	02/17/12 08:16 PM
1,3-Dichlorobenzene	ND		0.0020	mg/L	1	02/17/12 08:16 PM
1,4-Dichlorobenzene	ND		0.0020	mg/L	1	02/17/12 08:16 PM
2-Butanone	ND		0.0050	mg/L	1	02/17/12 08:16 PM
2-Hexanone	ND		0.0050	mg/L	1	02/17/12 08:16 PM
4-Methyl-2-pentanone	ND		0.0050	mg/L	1	02/17/12 08:16 PM
Acetone	ND		0.020	mg/L	1	02/17/12 08:16 PM
Benzene	ND		0.0010	mg/L	1	02/17/12 08:16 PM
Bromodichloromethane	ND		0.0010	mg/L	1	02/17/12 08:16 PM
Bromoform	ND		0.0010	mg/L	1	02/17/12 08:16 PM
Bromomethane	ND		0.0010	mg/L	1	02/17/12 08:16 PM
Carbon disulfide	ND		0.0025	mg/L	1	02/17/12 08:16 PM
Carbon tetrachloride	ND		0.0010	mg/L	1	02/17/12 08:16 PM
Chlorobenzene	ND		0.0010	mg/L	1	02/17/12 08:16 PM
Chloroethane	ND		0.0010	mg/L	1	02/17/12 08:16 PM
Chloroform	ND		0.0010	mg/L	1	02/17/12 08:16 PM
Chloromethane	ND		0.0010	mg/L	1	02/17/12 08:16 PM
cis-1,2-Dichloroethene	ND		0.0010	mg/L	1	02/17/12 08:16 PM
cis-1,3-Dichloropropene	ND		0.0010	mg/L	1	02/17/12 08:16 PM
Cyclohexane	ND		0.0050	mg/L	1	02/17/12 08:16 PM
Dibromochloromethane	ND		0.0010	mg/L	1	02/17/12 08:16 PM
Dichlorodifluoromethane	ND		0.0010	mg/L	1	02/17/12 08:16 PM
Ethylbenzene	ND		0.0010	mg/L	1	02/17/12 08:16 PM
Isopropylbenzene	ND		0.0010	mg/L	1	02/17/12 08:16 PM
Methyl acetate	ND		0.0020	mg/L	1	02/17/12 08:16 PM
Methyl tert-butyl ether	ND		0.0050	mg/L	1	02/17/12 08:16 PM
Methylcyclohexane	ND		0.0050	mg/L	1	02/17/12 08:16 PM
Methylene chloride	ND		0.0050	mg/L	1	02/17/12 08:16 PM

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

ALS Group USA, Corp

Date: *29-Feb-12*

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Work Order: 1202453
Sample ID: Trip Blank
Lab ID: 1202453-03
Collection Date: 02/14/12
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		0.0010	mg/L	1	02/17/12 08:16 PM
Tetrachloroethene	ND		0.0020	mg/L	1	02/17/12 08:16 PM
Toluene	ND		0.0010	mg/L	1	02/17/12 08:16 PM
trans-1,2-Dichloroethene	ND		0.0010	mg/L	1	02/17/12 08:16 PM
trans-1,3-Dichloropropene	ND		0.0010	mg/L	1	02/17/12 08:16 PM
Trichloroethene	ND		0.0010	mg/L	1	02/17/12 08:16 PM
Trichlorofluoromethane	ND		0.0010	mg/L	1	02/17/12 08:16 PM
Vinyl chloride	ND		0.0010	mg/L	1	02/17/12 08:16 PM
Xylenes, Total	ND		0.0030	mg/L	1	02/17/12 08:16 PM
Surr: 1,2-Dichloroethane-d4	*91.2*		*70-120*	*%REC*	1	02/17/12 08:16 PM
Surr: 4-Bromofluorobenzene	*98.5*		*75-120*	*%REC*	1	02/17/12 08:16 PM
Surr: Dibromofluoromethane	*104*		*85-115*	*%REC*	1	02/17/12 08:16 PM
Surr: Toluene-d8	*99.8*		*85-120*	*%REC*	1	02/17/12 08:16 PM

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

APPENDIX K6
U.S. EPA TOXICOLOGIST'S REPORT

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
9311 GROH ROAD
GROSSE ILE, MI 48138

MEMORANDUM

SUBJECT: Review of Townsend Township Dump data for the East Sandusky County Dumps Site

FROM: Keith Fusinski, PhD Toxicologist US EPA
Superfund Division, Remedial Response Branch #1, Remedial Response Section #1

TO: Steven Wolfe, On Scene Coordinator, US EPA
Superfund Division, Emergency Response Branch #1, Emergency Response Section #1

DATE: 5/30/2012

BACKGROUND

OSC Wolfe requested a data review and risk assessment of sampling data from the Townsend Township Dump which is part of the East Sandusky County Dumps Site. OSC Wolfe was particularly concerned with sample number B-03 which was collected 0-2 feet below the ground surface. The sample was collected from an area where it was reported that trash is periodically burned. The sample from this location had elevated concentrations of the polycyclic aromatic hydrocarbons; benzo(a)-anthracene, benzo(a)pyrene, and benzo(b)fluoranthene.

The Townsend Township Dump is located adjacent to a residential neighborhood with unrestricted access to the property.

CHEMICAL OF CONCERN

Benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene are members of the polycyclic aromatic hydrocarbon (PAH) family (ATSDR-1995). PAHs are a group of chemicals that are formed during the incomplete burning of coal, oil, gas, wood, garbage, or other organic substances. There are more than 100 different PAHs.

Several of the PAHs, including benzo(a)anthracene, benzo(a)pyrene, and benzo(b)-fluoranthene have caused tumors in laboratory animals when the chemicals were inhaled, ingested or were left in contact with the skin for prolonged periods of time. The Department of Health and Human Services (DHHS) has determined that benzo(a)-anthracene, benzo(a)pyrene, and , benzo(b)fluoranthene, are known animal carcinogens. The International Agency for Research on Cancer (IARC) has determined that

benzo(a)anthracene and benzo(a)pyrene are probably carcinogenic to humans and benzo(b)fluoranthene is possibly a carcinogenic to humans. EPA has determined that benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene are probable human carcinogens.

CONCLUSIONS

For cancer risk, the US EPA recommends a screening level that would equate to a one in a million ($1x10^{-6}$) or greater lifetime risk of developing cancer from exposure to a contaminated site. US EPA Office of Solid Waste and Emergency Response (OSWER) recommends a removal action if exposure to contamination may result in a lifetime cancer risk greater than 1 in 10,000 ($1x10^{-4}$). US EPA's acceptable risk level is between 1 in 10,000 to 1 in 1,000,000 excess lifetime cancer risks.

The concentrations of PAHs from sample location B-03 from the Townsend Township Dump are approximately 50 times higher than PAH concentrations found at other sampling locations at the same depth at the Townsend Township Dump. These elevated concentrations of PAHs are most likely due to the incomplete combustion of organic material (trash) in the area.

Due to the proximity of the residences to the Townsend Township Dump and unrestricted access to the property, the concentrations of PAHs were compared to the April 2012 US EPA residential Regional Screening Levels (RSLs) which were considered most protective to the local residents. However, residential RSLs are based upon an individual being in their home 24 hours a day, 350 days per year, for 30 years. It is not appropriate to assume a person would be spending this much time in the Townsend Township Dump. It would be more appropriate to assume in individual (local resident) would be at the dump under a trespasser/recreator scenario which is 1 hour a day, 39 days per year, for 30 years. The 39 days per year is based upon 1 day per week for the 9 months of the year that the ground is not frozen and the contaminants are accessible. The 30 year exposure is a default value used by US EPA which includes 6 years as a child and 24 years as an adult. The residential and trespasser/recreator screening levels and removal action levels for the PAHs of interest are shown on the table below.

Chemical of Concern	Maximum Concentration from other sampling locations mg/kg	Concentration at B-03 mg/kg	Residential Screening ($1x10^{-6}$) Level mg/kg	Residential Removal Action ($1x10^{-4}$) Level mg/kg	Trespasser/ Recreator Screening ($1x10^{-6}$) Level mg/kg	Trespasser/ Recreator Removal Action ($1x10^{-4}$) Level mg/kg
Benzo(a)anthracene	0.25	14	0.15	15	1.32	132
Benzo(a)pyrene	0.27	17	0.015	1.5	0.132	13.2
Benzo(b)fluoranthene	0.4	17	0.15	15	1.32	132

There were a total of 7 samples collected from the Townsend Township Dump at the 0 to 2 feet below ground surface depth. Sample B-03 had PAH concentrations well above the concentrations found at other sampling locations at the dump. The concentrations of benzo(a)anthracene and benzo(b)fluoranthrene are within the US EPA's trespasser/ recreator acceptable excess lifetime cancer risk range. The concentration of benzo(b)-pyrene (17mg/kg) is above this acceptable risk range. These levels are based upon a person being at the sample area in the dump for the entire hour that they are assumed to be trespassing. It would be safe to assume that a person would be moving throughout the dump during their time there and would most likely be exposed to the average concentration of the chemicals of concern which is approximately 2.5 mg/kg for each PAH shown above and within the US EPA acceptable risk range. Based upon the preceding assumptions, and the fact the PAH contamination at B-03 is most likely from trash burning, remediation at B-03 is not recommended at this time under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

REFERENCES

ATSDR-1995. Toxicological Profile for Polycyclic Aromatic Hydrocarbons (PAHs).