

APPENDIX F

**SITE ASSESSMENT REPORT
FOR THE
EASTERN SANDUSKY COUNTY DUMPS SITE
CLYDE, SANDUSKY COUNTY, OHIO**

GREEN CREEK TOWNSHIP SITE

County Road 21
Clyde, Ohio 43410
Latitude: 41.2615° North
Longitude: -82.9745° West

June 29, 2012

TABLE OF CONTENTS

1.	SITE BACKGROUND	1
1.1	SITE DESCRIPTION	1
1.2	SITE HISTORY	1
1.2.1	Ohio EPA Records Review	1
1.2.2	U.S. EPA Records Review	1
1.2.3	Environmental Database Search	1
2.	SITE ASSESSMENT ACTIVITIES	4
2.1	GEOPHYSICAL SURVEY	4
2.2	SUBSURFACE SOIL CHARACTERIZATION	4
2.3	GROUNDWATER WELL INSTALLATION AND SAMPLING	5
2.4	SOIL VAPOR PROBE INSTALLATION AND SAMPLING	5
3.	RESULTS	7
3.1	PHYSICAL FINDINGS	7
3.1.1	Geophysical Survey Results	7
3.1.2	Subsurface Soil Physical Results	7
3.1.3	Groundwater Physical Results	7
3.1.4	Soil Vapor Physical Results	7
3.2	LABORATORY ANALYTICAL FINDINGS	8
3.2.1	Subsurface Soil Analytical Results	8
3.2.2	Groundwater Analytical Results	9
3.2.3	Soil Vapor Analytical Results	9
4.	CONCLUSIONS	10

LIST OF FIGURES

- F1 Site Location Map
- F2 Site Features Map
- F3 Sample Locations and EM Survey Results Map
- F4 Groundwater Potentiometric Map
- F5 Soil and Groundwater Analytical Results Exceeding Screening Criteria Map

LIST OF TABLES

- F1 Soil Sampling Results Summary Table
- F2 Ground Water Sampling Results Summary Table
- F3 Soil Vapor Sampling Results Summary Table

LIST OF APPENDICES

- F1 EDR Report
- F2 Photographic Documentation
- F3 Geophysical Survey Report and Figures
- F4 Boring Logs
- F5 Analytical Data Validation Reports

ABBREVIATIONS AND ACRONYMS

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

1. SITE BACKGROUND

1.1 SITE DESCRIPTION

The Green Creek Township Dump Site (Site) is located east of County Road 21, approximately 3 miles south of Clyde, Ohio. The approximate geographic coordinates for the Site are latitude 41.2615° North and longitude -82.9745° West (**Figure F1**). The waste footprint on the Site encompasses approximately 4 acres, according to the Sandusky County Auditor's Tax Map Department (**Figure F2**). The Site is surrounded by agricultural land in a rural area.

1.2 SITE HISTORY

1.2.1 Ohio EPA Records Review

No records were obtained from the Ohio EPA for the Site.

1.2.2 U.S. EPA Records Review

The approximate extent of the waste deposit was determined from analysis of 1950, 1964, and 1970 aerial photographs provided by the U.S. EPA. No other historical documentation about the Site has been located at this time.

1.2.3 Environmental Database Search

To supplement information obtained from U.S. EPA, the following reports were obtained and reviewed from Environmental Data Resources, Inc. (EDR):

- *Radius Map Report with GeoCheck* – An electronic search of the standard environmental record sources. This report contains certain information obtained from a variety of public and other sources reasonably available to EDR.
- *Aerial Photo Decade Package* – Historical aerial photographs were provided from a variety of sources reasonably available to EDR.
- *Historical Topographic Map Report* – Topographic maps were provided from a variety of sources reasonably available to EDR.
- *Certified Sanborn Map Report* – Sanborn maps were not available for the property.
- *City Directory Abstract* – City directories were not available to EDR for this parcel.

- *Building Permit Report* – Building permit data was not available to EDR for Clyde, Ohio.
- *Property Tax Map Report* – Property tax maps were not available to EDR for this parcel.

Copies of the reports are provided in **Appendix F1**. Summaries of each of the standard environmental record source reviews are provided below.

1.2.3.1 Radius Map Report with GeoCheck

No properties listed on various federal and state databases were located within a 1-mile radius of the Site. Four properties without complete address information were included in the EDR report. None of the properties appeared to be within a 1-mile radius of the Site.

1.2.3.2 Aerial Photo Decade Package

A square pond is shown on the Site on the 1960 aerial photograph, and it appears to be surrounded by farm fields. A road around the pond is evident on the 1969 aerial photograph. The edge of the pond is more irregular, which may indicate the presence of piles or dumping. An orchard is visible to the south. The 1977 and 1983 aerial photographs are unclear; however, the pond appears to be smaller than in previous photographs. The pond is significantly smaller and irregularly shaped on the 1988 aerial photograph, and areas of disturbance are present around it. The pond is gone in the 1995 aerial photograph, with disturbed areas and what appear to be piles of debris on the Site. The Site appears to be more vegetated on the 2000, 2005, and 2006 aerial photographs, with a path from the northwest corner of the property to the south central area of the Site, where a smaller area of disturbance is still visible.

1.2.3.3 Historical Topographic Map Report

The 1903 topographic map shows the Site is located in a sparsely populated area between the cities of Fremont and Clyde, and a quarry is located at the Site. Raccoon Creek is approximately 1 mile northeast of the Site, and railroad tracks are located approximately one-quarter of a mile to the north of the Site. The 1959 topographic map shows a pond at the Site, railroad tracks to the north, and orchards to the south and southwest. The 1969 topographic map shows a pond at the Site, railroad tracks to the north, and orchards to the north and south.

1.2.3.4 Certified Sanborn Map Report

Sanborn maps were not available for the Site.

1.2.3.5 City Directory Abstract

City directories were not available for the Site.

1.2.3.6 Building Permit Report

Building permit data was not available for the Site.

1.2.3.7 Property Tax Map Report

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 the WESTON Superfund Technical Assessment and Response Team (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 Green Creek Township Dump Site, samples of soil, soil vapor, 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 F2**.

2.1 GEOPHYSICAL SURVEY

On February 15, 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 F3**.

2.2 SUBSURFACE SOIL CHARACTERIZATION

On February 16, 2012, the U.S. EPA OSCs, START members, and Buckeye Probe mobilized to the Site for advancement of soil borings at four locations (**Figure F3**). The Buckeye Probe 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 F4**).

Sampling locations and depth intervals were selected based on preliminary findings of the geophysical survey, historical data, field conditions, and field screening results. Because of the surface topography and piles of construction and demolition debris throughout the Site, boring locations were limited to the northern half of the Site. Boring locations GC-B01, GC-B02, and GC-B03 were placed within the approximate limits of the suspected waste disposal area at the Site and based on preliminary geophysical survey results, the placement of debris piles on the ground surface, and the presence of pooled surface water. Boring location GC-B04 was placed

outside of the approximate limits of the suspected waste disposal area in the assumed hydraulically downgradient direction. The four soil borings were completed at depths ranging from 4 to 28 feet (ft) below ground surface (bgs).

Up to two soil samples were collected from each soil boring location. 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 16 and 17, 2012, from two temporary monitoring wells at the Site (**Figure F3**) installed in borings GC-B01 and GC-B02.

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.

2.4 SOIL VAPOR PROBE INSTALLATION AND SAMPLING

Soil vapor probes were installed in soil borings GC-B02 and GC-B01 at the Site. START collected a soil vapor sample from each of the soil vapor probes.

One 6-inch-long stainless steel screened vapor probe was installed at each boring location. The soil vapor probes were installed at a depth of 13 to 16 ft bgs and 6 to 7 ft bgs, respectively.

Installation depths for soil vapor probes were selected after observing the soil cores and reviewing the boring logs in **Appendix F4**. Each vapor probe was connected to dedicated Teflon tubing that extended to the ground surface. Vapor probes were surrounded by a 1- to 3-ft-long interval of high-porosity filter sand pack. Low-permeability hydrated bentonite chips were placed between the filter sand pack layer and the ground surface.

Each soil vapor probe was purged with a pump for 5 minutes prior to sample collection. A 1-liter SUMMA canister was connected to the Teflon tubing of each soil vapor probe using stainless-steel fittings and a dedicated flow controller. The sample identification, initial and final pressure, and start and stop time and date were recorded on the sample tag of each SUMMA canister and on separate sampling logs. The SUMMA canisters were shipped to Air Toxics, LLC, in Folsom, California, for analysis. 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

The geophysical survey at the Site indicated that metals are present across the Site, as illustrated on **Figure F3**. In addition, elevated conductivity readings were recorded across the Site, indicating the presence of a waste cell. Piles of construction and demolition debris at the ground surface with visible metal content created difficult data collection conditions and contributed to elevated in-phase (metals) results. The geophysical survey report is presented in **Appendix F3**.

3.1.2 Subsurface Soil Physical Results

Soil recovered from the borings at the Site was predominantly characterized as fill, including asphalt, concrete, wood, brick, glass, Styrofoam, and shingles. A layer of clay was present on top of each boring, with thicknesses ranging from 1.25 to 3.5 ft bgs. Limestone bedrock was encountered in all of the borings, ranging from a depth of 3 ft bgs on the north end of the Site at GC-B04 to 23.5 ft bgs in the center of the Site at GC-B02.

3.1.3 Groundwater Physical Results

The depths to water at the three temporary monitoring wells were 14.69, 13.79, and 17.19 ft below top of casing for GC-B01, GC-B02, and GC-B03, respectively. **Figure F4** illustrates a northwest direction of groundwater flow potential at the Site. A strong sulfur odor was emitted from the groundwater purged from the temporary monitoring well at GC-B02. Temporary monitoring well GC-B03 did not produce enough groundwater to allow sample collection.

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 7.89 parts

per million (ppm). Boring GC-B03 had the highest soil headspace concentration of 7.89 ppm at a depth of 4 to 6 ft bgs, which was in the middle of the fill layer.

3.2 LABORATORY ANALYTICAL FINDINGS

At the Green Creek Township Dump Site, samples of soil, soil vapor, 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 soil vapor results were compared to Table 2b of the U.S. EPA 2002 Subsurface Vapor Intrusion Guidance (Office of Solid Waste and Emergency Response [OSWER] document EPA530-D-02-004). 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 F1**. The analytical data validation reports are presented in **Appendix F5**.

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 5.6 to 7.7 mg/kg. PCB Aroclor 1254 was detected above the RSL of 0.22 at soil boring GC-B01 (0 to 2 ft) at a concentration of 0.96 mg/kg. Benzo(a)anthracene was detected above the RSL of 0.15 mg/kg in GC-B01 (0 to 2 ft) at a concentration of 0.19 mg/kg. Benzo(a)pyrene was detected above the RSL of 0.015 mg/kg in GC-B02 (4 to 6 ft) at a concentration of 0.069 mg/kg. No other analytes were detected above their respective RSLs. **Figure F5** illustrates the soil sample analytical results which exceeded the Residential RSLs. None of the TCLP samples contained contaminant detections above U.S. EPA Maximum Concentration of Contaminants for the Toxicity Characteristic (40 CFR 261.24).

3.2.2 Groundwater Analytical Results

The two 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. The groundwater analytical results are presented in **Table F2**. The analytical data validation reports are presented in **Appendix F5**.

Lead was detected above the National Primary Drinking Water Regulations Maximum Contaminant Level (MCL) of 0.015 mg/L for both samples: GC-B01, at a concentration of 0.018 mg/L, and GC-B02 at a concentration of 0.03 mg/L. No other analytes were detected above their respective MCL.

3.2.3 Soil Vapor Analytical Results

The samples were analyzed for VOCs by U.S. EPA Method TO-15. The soil vapor analytical results are presented in **Table F3**. The analytical data validation reports are presented in **Appendix F5**.

No compounds were detected above the levels listed in Table 2b of the U.S. EPA 2002 Subsurface Vapor Intrusion Guidance (Office of Solid Waste and Emergency Response [OSWER] document EPA530-D-02-004). A method blank was analyzed with the VOC analysis and was free of target compound contamination above the reporting limit.

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 four soil borings and two soil vapor probes were completed at the Site, and samples were collected for analysis at an off-site laboratory. Samples were collected from two temporary groundwater monitoring wells and shipped to an off-site laboratory for analysis. A third temporary monitoring well was installed at the Site but did not produce enough groundwater to allow sample collection.

The shallowest soil sample collected at the Site was at a depth of 0 to 2 ft bgs at soil boring GC-B01. PCB Aroclor 1254 was detected above the RSL of 0.22 at a concentration of 0.96 mg/kg, and benzo(a)anthracene was detected above the RSL of 0.15 mg/kg at a concentration of 0.19 mg/kg. Arsenic was detected above the RSL of 0.39 mg/kg at a concentration of 5.6 mg/kg. Limited information was available on the background concentration of arsenic in the soils of Sandusky County, Ohio. A United States Geological Survey (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 for soil resulted in contaminant detections above the U.S. EPA Maximum Concentration of Contaminants for the Toxicity Characteristic (40 CFR 261.24).

Groundwater sampling results indicated the detection of lead above MCLs in both groundwater samples. Soil vapor results indicated that impacts to soil vapor were not present at the Site. 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.

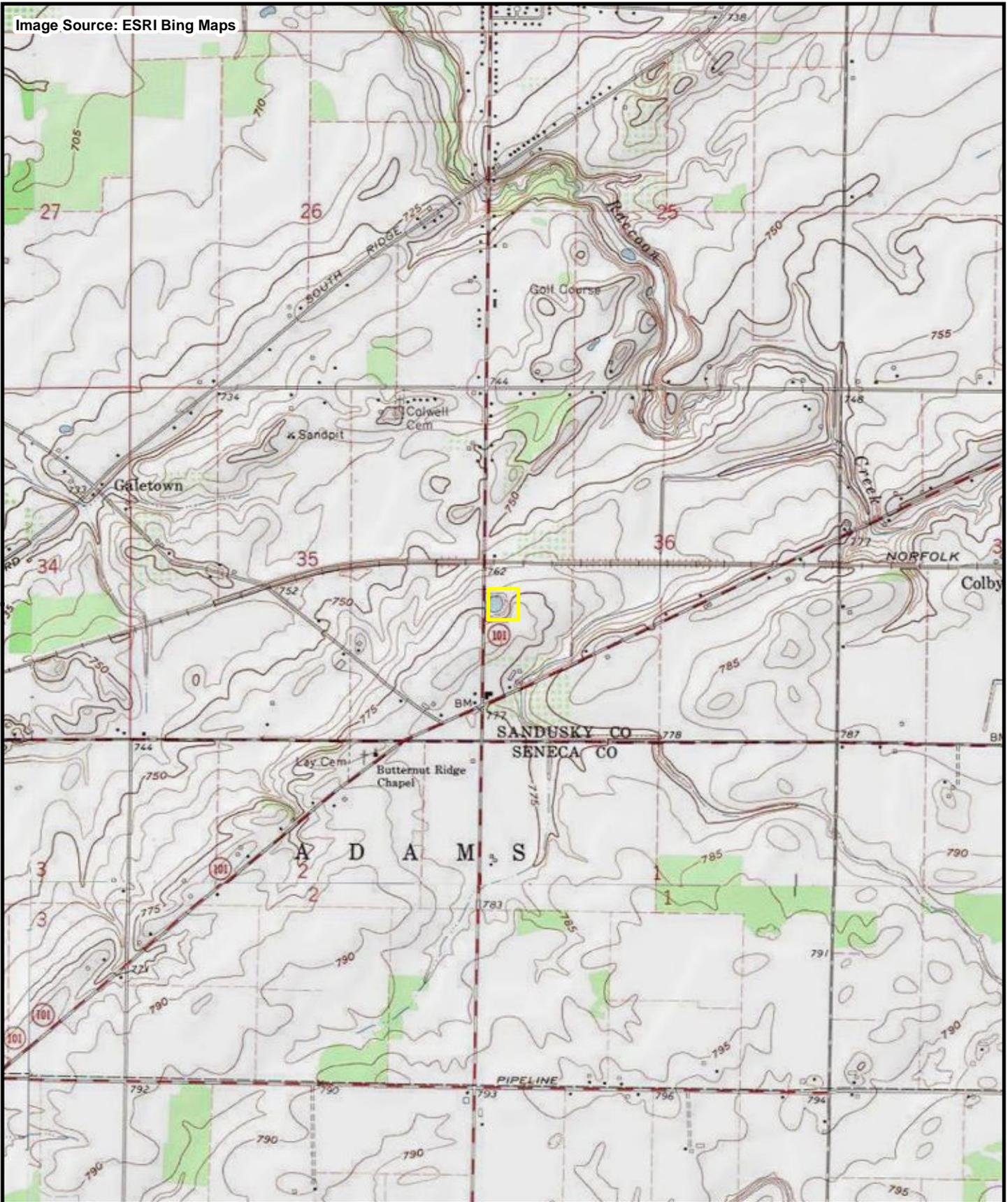
Vehicular access to the Site is restricted by a locked gate, trees, and uneven terrain. Human and animal access to the Site is not restricted. The Site is covered by grass, shrubs, trees, and piles of

construction debris. No farming is done on the Site; however, it is surrounded by farm fields. No drums, barrels, tanks, or other bulk storage containers were discovered at the Site. Numerous areas of buried metal were indicated by the geophysical results. It is not possible to determine if the detected metal is drums or metal-containing construction debris such as the piles on the ground surface.

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

Image Source: ESRI Bing Maps



FILE: D:\Sandusky\mxd\SAR\F1_Site_Location.mxd 6/8/2012 3:08:26 PM wojdakon

Legend

 Subject Property

0 2,000 Feet



Prepared for:
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

6779 Engle Road
Building 2, Suite I
Middleburg Hts, Ohio 44130

Figure F-1

Site Location Map
Green Creek Township Dump Site
Eastern Sandusky County Dumps SA
Sandusky County, Ohio

Image Source: ESRI Bing Maps



FILE: D:\Sandusky\mxd\SAR\F2_Site_Features.mxd 6/8/2012 3:10:22 PM wojdakon

Legend

 Subject Property

0 500
 Feet



Prepared for:
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

6779 Engle Road
Building 2, Suite I
Middleburg Hts, Ohio 44130

Figure F-2
Site Features Map
Green Creek Township Dump Site
Eastern Sandusky County Dumps SA
Sandusky County, Ohio

Imagery Source: OSIP Map Service

GC-B04
Depth to Bedrock: 3 Feet
Total Boring Depth: 4 Feet
Matrices Sampled: soil

GC-B03
Depth to Bedrock: 15 Feet
Total Boring Depth: 15.5 Feet
Matrices Sampled: soil / soil vapor

GC-B02
Depth to Bedrock: 23.5 Feet
Total Boring Depth: 28 Feet
Matrices Sampled: soil / groundwater / soil vapor

GC-B01
Depth to Bedrock: 18.5 Feet
Total Boring Depth: 19 Feet
Matrices Sampled: soil / groundwater

SR 101

FILE: D:\Sandusky\mxd\SAR\F3_EMS_Green_Creek.mxd 6/11/2012 9:46:49 AM wojdakon

Legend

-  Sampling Locations
-  Conductivity Anomalies
-  EM Inphase Contours
-  Metallic Anomalies
-  Subject Property



Prepared For:
U.S. EPA REGION V

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

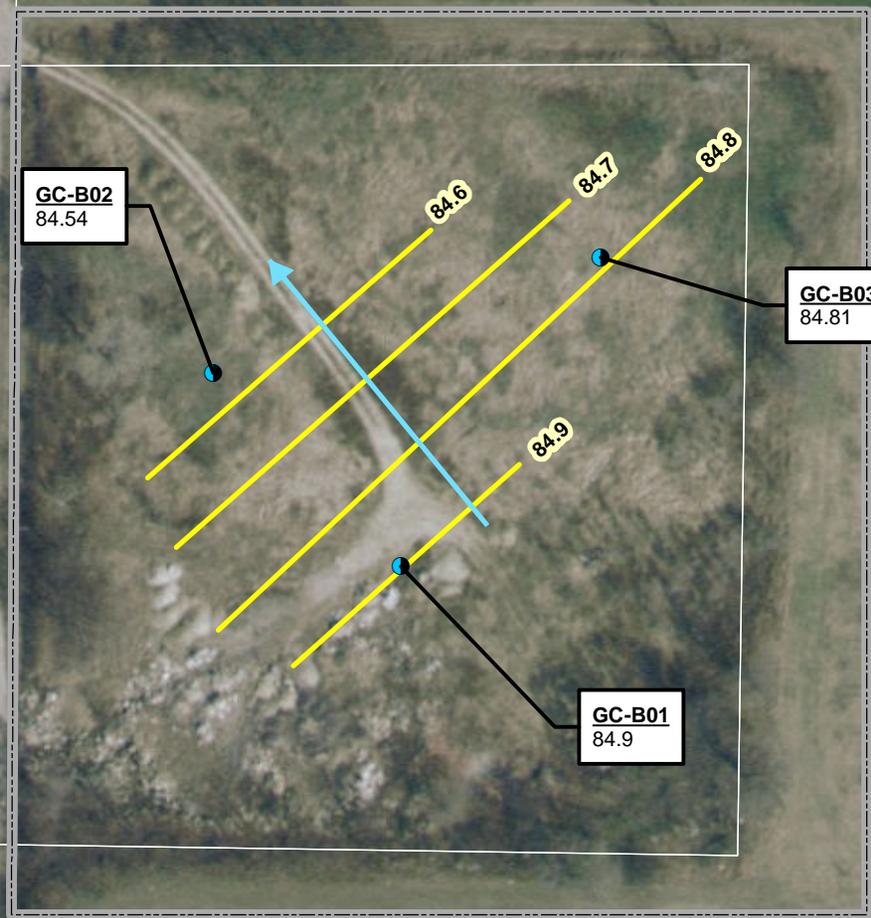


Prepared By:
WESTON SOLUTIONS

6779 Engle Road
Building 2, Suite I
Middleburg Hts, Ohio 44130

Figure F-3
Sampling Locations and
EM Survey Results Map
Green Creek Township Dump Site
Sandusky County, Ohio

Imagery Source: OSIP Map Service



Legend

- Temporary Monitoring Well Location
 - Groundwater Elevation Contours (ft)
 - Subject Property
 - GW Flow Potential Direction
- 84.90 - Groundwater Elevation (feet [ft] relative to an assumed benchmark of 100.00 ft)



Prepared For:
U.S. EPA REGION V

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



Prepared By:
WESTON SOLUTIONS

6779 Engle Road
Building 2, Suite I
Middleburg Hts, Ohio 44130

Figure F-4

Groundwater Potentiometric Surface Map
Green Creek Township Dump Site
Sandusky County, Ohio

Imagery Source: OSIP Map Service

GC-B04 02/21/12				
Depth	Parameter	Result	Units	[Criteria]
0-4	Arsenic	7.7	mg/Kg	[0.39]

GC-B03 02/21/12				
Depth	Parameter	Result	Units	[Criteria]
1-3	Arsenic	6.3	mg/Kg	[0.39]

GC-B02 02/16/12				
Depth	Parameter	Result	Units	[Criteria]
4-6	Arsenic	6.2	mg/Kg	[0.39]
4-6	Benzo(a)pyrene	0.069	mg/Kg	[0.015]
18-28	Lead	0.03	mg/L	[0.015]

GC-B01 02/16/12				
Depth	Parameter	Result	Units	[Criteria]
0-2	Aroclor 1254	0.96	mg/Kg	[0.22]
0-2	Aroclor 1254	0.71	mg/Kg	[0.22]
0-2	Arsenic	5.6	mg/Kg	[0.39]
0-2	Arsenic	5.5	mg/Kg	[0.39]
0-2	Benzo(a)anthracene	0.19	mg/Kg	[0.15]
0-2	Benzo(a)anthracene	0.19	mg/Kg	[0.15]
0-2	Benzo(a)pyrene	0.27	mg/Kg	[0.015]
0-2	Benzo(b)fluoranthene	0.45	mg/Kg	[0.15]
14-19	Lead	0.018	mg/L	[0.015]

Screening Criteria:
 Soil - Residential RSLs
 Water - USEPA MCLs
 TCLP - 40CFR261.2

Legend

● Locations with at least one exceedance
 ● Locations with no exceedances

Subject Property

0 200 Feet

Depth Units = Feet

Prepared For:
U.S. EPA REGION V
 Contract No.: EP-S5-06-04
 TDD: S05-0001-1111-033
 DCN: 1691-2A-AVDK

Prepared By:
WESTON SOLUTIONS
 6779 Engle Road
 Building 2, Suite I
 Middleburg Hts, Ohio 44130

Figure E-5
 Soil and Groundwater Analytical Results
 Exceeding Screening Criteria
 Green Creek Township Dump Site
 Sandusky County, Ohio

TABLES

TABLE G1
SOIL ANALYTICAL RESULTS
Volatile Organic Compounds and Semi-Volatile Organic Compounds
Green Creek Township Dump Site
Clyde, Sandusky County, Ohio

Site				Green Creek Township Dump				
Location ID				GC-B01	GC-B01	GC-B02	GC-B03	GC-B04
Field Sample ID				GC-B01-S01-021612	GC-B01-S01-021612-DP	GC-B02-S01-021612	GC-B03-S01-022112	GC-B04-S01-022112
Sample Date				2/16/2012	2/16/2012	2/16/2012	2/21/2012	2/21/2012
Sample Depth (ft bgs)				0-2	0-2	4-6	1-3	0-4
Volatile Organic Compounds (VOCs)								
Analytical Method	Chemical Name	Units	*Residential RSL					
SW8260	1,1,2,2-Tetrachloroethane	mg/Kg	0.56	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U
SW8260	1,1,2-Trichloroethane	mg/Kg	1.1	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U
SW8260	1,1,2-Trichlorotrifluoroethane	mg/Kg	43000	0.056 U	0.057 U	0.056 U	0.058 U	0.057 U
SW8260	1,1,1-Trichloroethane	mg/Kg	8700	0.056 U	0.057 U	0.056 U	0.058 U	0.057 U
SW8260	1,1-Dichloroethane	mg/Kg	3.3	0.056 U	0.057 U	0.056 U	0.058 U	0.057 U
SW8260	1,1-Dichloroethene	mg/Kg	240	0.056 U	0.057 U	0.056 U	0.058 U	0.057 U
SW8260	1,2,4-Trichlorobenzene	mg/Kg	22	0.056 U	0.057 U	0.056 U	0.058 U	0.057 U
SW8260	1,2-Dibromo-3-chloropropane	mg/Kg	0.0054	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U
SW8260	1,2-Dibromoethane	mg/Kg	0.034	0.084 U	0.085 U	0.085 U	0.087 U	0.086 U
SW8260	1,2-Dichlorobenzene	mg/Kg	1900	0.056 U	0.057 U	0.056 U	0.058 U	0.057 U
SW8260	1,2-Dichloroethane	mg/Kg	0.43	0.056 U	0.057 U	0.056 U	0.058 U	0.057 U
SW8260	1,2-Dichloropropane	mg/Kg	0.94	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SW8260	1,3-Dichlorobenzene	mg/Kg	NA	0.056 U	0.057 U	0.056 U	0.058 U	0.057 U
SW8260	1,4-Dichlorobenzene	mg/Kg	2.4	0.056 U	0.057 U	0.056 U	0.058 U	0.057 U
SW8260	2-Butanone	mg/Kg	28000	0.42 U	0.42 U	0.42 U	0.44 U	0.43 U
SW8260	2-Hexanone	mg/Kg	210	0.28 U	0.28 U	0.28 U	0.29 U	0.29 U
SW8260	4-Methyl-2-pentanone	mg/Kg	5300	0.28 U	0.28 U	0.28 U	0.29 U	0.29 U
SW8260	Acetone	mg/Kg	61000	0.25 U	0.25 U	0.25 U	0.26 U	0.26 U
SW8260	Benzene	mg/Kg	1.1	0.056 U	0.057 U	0.056 U	0.058 U	0.057 U
SW8260	Bromodichloromethane	mg/Kg	0.27	0.084 U	0.085 U	0.085 U	0.087 U	0.086 U
SW8260	Bromoform	mg/Kg	62	0.056 U	0.057 U	0.056 U	0.058 U	0.057 U
SW8260	Bromomethane	mg/Kg	7.3	0.084 U	0.085 U	0.085 U	0.087 U	0.086 U
SW8260	Carbon disulfide	mg/Kg	820	0.084 U	0.085 U	0.085 U	0.087 U	0.086 U
SW8260	Carbon tetrachloride	mg/Kg	0.61	0.056 U	0.057 U	0.056 U	0.058 U	0.057 U
SW8260	Chlorobenzene	mg/Kg	290	0.084 U	0.085 U	0.085 U	0.087 U	0.086 U
SW8260	Chloroethane	mg/Kg	15000	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
SW8260	Chloroform	mg/Kg	0.29	0.056 U	0.057 U	0.056 U	0.058 U	0.057 U
SW8260	Chloromethane	mg/Kg	120	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
SW8260	cis-1,2-Dichloroethene	mg/Kg	160	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U
SW8260	cis-1,3-Dichloropropene	mg/Kg	NA	0.056 U	0.057 U	0.056 U	0.058 U	0.057 U
SW8260	Cyclohexane	mg/Kg	7000	0.056 U	0.057 U	0.056 U	0.058 U	0.057 U
SW8260	Dibromochloromethane	mg/Kg	0.68	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U
SW8260	Dichlorodifluoromethane	mg/Kg	94	0.056 U	0.057 U	0.056 U	0.058 U	0.057 U
SW8260	Ethylbenzene	mg/Kg	5.4	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U
SW8260	Isopropylbenzene	mg/Kg	2100	0.056 U	0.057 U	0.056 U	0.058 U	0.057 U
SW8260	Methyl acetate	mg/Kg	78000	0.056 U	0.11 U	0.11 U	0.058 U	0.057 U
SW8260	Methyl tert-butyl ether	mg/Kg	43	0.084 U	0.085 U	0.085 U	0.087 U	0.086 U
SW8260	Methylcyclohexane	mg/Kg	NA	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U
SW8260	Methylene chloride	mg/Kg	11	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U
SW8260	Styrene	mg/Kg	6300	0.084 U	0.085 U	0.085 U	0.087 U	0.086 U
SW8260	Tetrachloroethene	mg/Kg	0.55	0.056 U	0.057 U	0.056 U	0.058 U	0.057 U
SW8260	Toluene	mg/Kg	5000	0.084 U	0.085 U	0.085 U	0.087 U	0.086 U
SW8260	trans-1,2-Dichloroethene	mg/Kg	150	0.056 U	0.057 U	0.056 U	0.058 U	0.057 U
SW8260	trans-1,3-Dichloropropene	mg/Kg	NA	0.084 U	0.085 U	0.085 U	0.087 U	0.086 U
SW8260	Trichloroethene	mg/Kg	0.91	0.056 U	0.057 U	0.056 U	0.058 U	0.057 U
SW8260	Trichlorofluoromethane	mg/Kg	790	0.056 U	0.057 U	0.056 U	0.058 U	0.057 U
SW8260	Vinyl chloride	mg/Kg	0.06	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U
SW8260	Xylenes, Total	mg/Kg	630	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Semi-Volatile Organic Compounds (SVOCs)								
SW8270	1,1-Biphenyl	mg/Kg	51	1.8 U	0.37 U	0.37 U	19 U	0.38 U
SW8270	2,4,5-Trichlorophenol	mg/Kg	6100	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	2,4,6-Trichlorophenol	mg/Kg	44	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	2,4-Dichlorophenol	mg/Kg	180	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	2,4-Dimethylphenol	mg/Kg	1200	1.8 U	0.37 U	0.37 U	19 U	0.38 U
SW8270	2,4-Dinitrophenol	mg/Kg	120	3.6 U	0.73 U	0.74 U	38 U	0.75 U
SW8270	2,4-Dinitrotoluene	mg/Kg	1.6	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	2,6-Dinitrotoluene	mg/Kg	61	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	2-Chloronaphthalene	mg/Kg	6300	0.44 U	0.089 U	0.09 U	4.6 U	0.091 U
SW8270	2-Chlorophenol	mg/Kg	390	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	2-Methylnaphthalene	mg/Kg	310	0.44 U	0.089 U	0.09 U	4.6 U	0.091 U
SW8270	2-Nitroaniline	mg/Kg	610	3.6 U	0.73 U	0.74 U	38 U	0.75 U
SW8270	2-Nitrophenol	mg/Kg	NA	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	3,3-Dichlorobenzidine	mg/Kg	1.1	3.6 U	0.73 U	0.74 U	38 U	0.75 U
SW8270	3-Nitroaniline	mg/Kg	NA	3.6 U	0.73 U	0.74 U	38 U	0.75 U
SW8270	4,6-Dinitro-2-methylphenol	mg/Kg	4.9	1.8 U	0.37 U	0.37 U	19 U	0.38 U
SW8270	4-Bromophenyl phenyl ether	mg/Kg	NA	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	4-Chloro-3-methylphenol	mg/Kg	6100	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	4-Chloroaniline	mg/Kg	2.4	3.6 U	0.73 U	0.74 U	38 U	0.75 U
SW8270	4-Chlorophenyl phenyl ether	mg/Kg	NA	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	4-Nitroaniline	mg/Kg	24	3.6 U	0.73 U	0.74 U	38 U	0.75 U
SW8270	4-Nitrophenol	mg/Kg	NA	3.6 U	0.73 U	0.74 U	38 U	0.75 U
SW8270	Acenaphthene	mg/Kg	3400	0.17 U	0.033 U	0.034 U	1.7 U	0.034 U
SW8270	Acenaphthylene	mg/Kg	NA	0.17 U	0.033 U	0.034 U	1.7 U	0.034 U
SW8270	Acetophenone	mg/Kg	7800	1.8 U	0.37 U	0.37 U	19 U	0.38 U
SW8270	Anthracene	mg/Kg	17000	0.17 U	0.04	0.034 U	1.7 U	0.034 U
SW8270	Atrazine	mg/Kg	2.1	1.8 U	0.37 U	0.37 U	19 U	0.38 U
SW8270	Benzaldehyde	mg/Kg	7800	1.8 U	0.37 U	0.37 U	19 U	0.38 U
SW8270	Benzo(a)anthracene	mg/Kg	0.15	0.19	0.19	0.034 U	1.7 U	0.034 U
SW8270	Benzo(a)pyrene	mg/Kg	0.015	3.3 U	0.27	0.069	1.7 U	0.034 U
SW8270	Benzo(b)fluoranthene	mg/Kg	0.15	3.3 U	0.45	0.1	1.7 U	0.034 U
SW8270	Benzo(g,h,i)perylene	mg/Kg	NA	3.3 U	0.11	0.037	1.7 U	0.034 U
SW8270	Benzo(k)fluoranthene	mg/Kg	1.5	3.3 U	0.11	0.045	1.7 U	0.034 U
SW8270	Bis(2-chloroethoxy)methane	mg/Kg	180	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	Bis(2-chloroethyl)ether	mg/Kg	0.21	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	Bis(2-chloroisopropyl)ether	mg/Kg	4.6	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	Bis(2-ethylhexyl)phthalate	mg/Kg	35	1.8 U	0.38	0.37 U	19 U	1
SW8270	Butyl benzyl phthalate	mg/Kg	260	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	Caprolactam	mg/Kg	31000	1.8 U	0.37 U	0.37 U	19 U	0.38 U
SW8270	Carbazole	mg/Kg	NA	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	Chrysene	mg/Kg	15	0.24	0.26	0.078	1.7 U	0.034 U
SW8270	Dibenzo(a,h)anthracene	mg/Kg	0.015	3.3 U	0.033 U	0.034 U	1.7 U	0.034 U
SW8270	Dibenzofuran	mg/Kg	78	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	Diethyl phthalate	mg/Kg	49000	1.8 U	0.37 U	0.37 U	19 U	0.38 U
SW8270	Dimethyl phthalate	mg/Kg	NA	1.8 U	0.37 U	0.37 U	19 U	0.38 U
SW8270	Di-n-butyl phthalate	mg/Kg	6100	1.8 U	0.37 U	0.37 U	19 U	0.49
SW8270	Di-n-octyl phthalate	mg/Kg	NA	18 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	Fluoranthene	mg/Kg	2300	0.43	0.57	0.15	1.7 U	0.034 U
SW8270	Fluorene	mg/Kg	2300	0.17 U	0.033 U	0.034 U	1.7 U	0.034 U
SW8270	Hexachloro-1,3-butadiene	mg/Kg	6.2	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	Hexachlorobenzene	mg/Kg	NA	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	Hexachlorocyclopentadiene	mg/Kg	370	1.8 U	0.37 U	0.37 U	19 U	0.38 U
SW8270	Hexachloroethane	mg/Kg	12	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	Indeno(1,2,3-cd)pyrene	mg/Kg	0.15	3.3 U	0.1	0.034	1.7 U	0.034 U
SW8270	Isophorone	mg/Kg	510	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	Naphthalene	mg/Kg	3.6	0.17 U	0.033 U	0.034 U	1.7 U	0.034 U
SW8270	Nitrobenzene	mg/Kg	4.8	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	N-Nitrosodi-n-propylamine	mg/Kg	0.069	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	N-Nitrosodiphenylamine	mg/Kg	99	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	o-Cresol	mg/Kg	3100	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	p-Cresol	mg/Kg	310	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	Pentachlorophenol	mg/Kg	0.89	1.8 U	0.37 U	0.37 U	19 U	0.38 U
SW8270	Phenanthrene	mg/Kg	NA	0.21	0.37	0.067	1.7 U	0.034 U
SW8270	Phenol	mg/Kg	18000	0.88 U	0.18 U	0.18 U	9.2 U	0.18 U
SW8270	Pyrene	mg/Kg	1700	0.47				

TABLE G1
SOIL ANALYTICAL RESULTS
Metals, Pesticides and Herbicides
Green Creek Township Dump Site
Clyde, Sandusky County, Ohio

Site				Green Creek Township Dump				
Location ID				GC-B01	GC-B01	GC-B02	GC-B03	GC-B04
Field Sample ID				GC-B01-S01-021612	GC-B01-S01-021612-DP	GC-B02-S01-021612	GC-B03-S01-022112	GC-B04-S01-022112
Sample Date				2/16/2012	2/16/2012	2/16/2012	2/21/2012	2/21/2012
Sample Depth (ft bgs)				0-2	0-2	4-6	1-3	0-4
Total Target Analyte List (TAL) Metals								
Analytical Method	Chemical Name	Units	*Residential RSL					
SW6020A	Aluminum	mg/Kg	77000	5600	6100	8800	11000	6800
SW6020A	Antimony	mg/Kg	31	0.81 U	0.78 U	0.82 U	0.9 U	0.78 U
SW6020A	Arsenic	mg/Kg	0.39	5.6	5.5	6.2	6.3	7.7
SW6020A	Barium	mg/Kg	15000	140	82	71	100	74
SW6020A	Beryllium	mg/Kg	160	3.2 U	3.1 U	3.3 U	0.44	0.31 U
SW6020A	Boron	mg/Kg	16000	32 U	31 U	33 U	13	3.5
SW6020A	Cadmium	mg/Kg	70	0.32 U	0.31 U	0.33 U	1.5	0.31 U
SW6020A	Calcium	mg/Kg	NA	47000	33000	9200	70000	60000
SW6020A	Chromium	mg/Kg	NA	12	11	14	15	11
SW6020A	Cobalt	mg/Kg	23	4.8	5.3	7.4	8.6	5.2
SW6020A	Copper	mg/Kg	3100	18	16	16	15	8.7
SW7196A	Chromium, Hexavalent	mg/Kg	0.29	0.54 U	0.55 U	0.55 U	0.57 U	0.56 U
SW6020A	Iron	mg/Kg	55000	13000	13000	18000	21000	15000
SW6020A	Lead	mg/Kg	400	61	43	49	24	8.5
SW6020A	Magnesium	mg/Kg	NA	9100	7100	4800	18000	26000
SW6020A	Manganese	mg/Kg	1800	250	250	160	610	520
SW7471	Mercury	mg/Kg	10	0.13	0.12	0.06	0.031	0.028
SW6020A	Nickel	mg/Kg	1500	13	14	20	22	14
SW6020A	Potassium	mg/Kg	NA	810	1000	1200	2500	640
SW6020A	Selenium	mg/Kg	390	0.86	0.82	1.2	1.1	0.87
SW6020A	Silver	mg/Kg	390	0.81 U	0.78 U	0.82 U	0.9 U	0.78 U
SW6020A	Sodium	mg/Kg	NA	73	79	180	220	83
SW6020A	Thallium	mg/Kg	0.78	0.81 U	0.78 U	0.82 U	0.9 U	0.78 U
SW6020A	Vanadium	mg/Kg	NA	15	14	22	25	24
SW6020A	Zinc	mg/Kg	23000	110	92	70	63	30
Pesticides and Herbicides								
SW8151	2,4,5-T	mg/Kg	610	0.0056 U	0.0056 U	0.0055 U	0.0056 U	0.0056 U
SW8151	2,4,5-TP (Silvex)	mg/Kg	490	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U
SW8151	2,4-D	mg/Kg	690	0.0056 U	0.0056 U	0.0055 U	0.0056 U	0.0056 U
SW8081	4,4-DDD	mg/Kg	2	0.11 U	0.055 U	0.11 U	0.55 U	0.011 U
SW8081	4,4-DDE	mg/Kg	1.4	0.11 U	0.055 U	0.11 U	0.55 U	0.011 U
SW8081	4,4-DDT	mg/Kg	1.7	0.11 U	0.055 U	0.11 U	0.55 U	0.011 U
SW8081	Aldrin	mg/Kg	0.029	0.11 U	0.055 U	0.11 U	0.55 U	0.011 U
SW8081	alpha-BHC	mg/Kg	0.077	0.11 U	0.055 U	0.11 U	0.55 U	0.011 U
SW8081	alpha-Chlordane	mg/Kg	NA	0.11 U	0.055 U	0.11 U	0.55 U	0.011 U
SW8082	Aroclor 1016	mg/Kg	3.9	0.043 U	0.044 U	0.045 U	0.044 U	0.044 U
SW8082	Aroclor 1221	mg/Kg	0.14	0.043 U	0.044 U	0.045 U	0.044 U	0.044 U
SW8082	Aroclor 1232	mg/Kg	0.14	0.043 U	0.044 U	0.045 U	0.044 U	0.044 U
SW8082	Aroclor 1242	mg/Kg	0.22	0.043 U	0.044 U	0.045 U	0.044 U	0.044 U
SW8082	Aroclor 1248	mg/Kg	0.22	0.043 U	0.044 U	0.045 U	0.044 U	0.044 U
SW8082	Aroclor 1254	mg/Kg	0.22	0.96	0.71	0.045 U	0.13	0.044 U
SW8082	Aroclor 1260	mg/Kg	0.22	0.043 U	0.044 U	0.045 U	0.044 U	0.044 U
SW8081	beta-BHC	mg/Kg	0.27	0.11 U	0.055 U	0.11 U	0.55 U	0.011 U
SW8081	Chlordane, Technical	mg/Kg	NA	1.9	1.5	0.28 U	1.4 U	0.027 U
SW8081	delta-BHC	mg/Kg	NA	0.11 U	0.055 U	0.11 U	0.55 U	0.011 U
SW8081	Dieldrin	mg/Kg	0.03	0.11 U	0.055 U	0.11 U	0.55 U	0.011 U
SW8081	Endosulfan I	mg/Kg	NA	0.11 U	0.055 U	0.11 U	0.55 U	0.011 U
SW8081	Endosulfan II	mg/Kg	NA	0.11 U	0.055 U	0.11 U	0.55 U	0.011 U
SW8081	Endosulfan sulfate	mg/Kg	NA	0.11 U	0.055 U	0.11 U	0.55 U	0.011 U
SW8081	Endrin	mg/Kg	18	0.11 U	0.055 U	0.11 U	0.55 U	0.011 U
SW8081	Endrin aldehyde	mg/Kg	NA	0.11 U	0.055 U	0.11 U	0.55 U	0.011 U
SW8081	Endrin ketone	mg/Kg	NA	0.11 U	0.055 U	0.11 U	0.55 U	0.011 U
SW8081	gamma-BHC (Lindane)	mg/Kg	0.52	0.11 U	0.055 U	0.11 U	0.55 U	0.011 U
SW8081	gamma-Chlordane	mg/Kg	NA	0.11 U	0.055 U	0.11 U	0.55 U	0.011 U
SW8081	Heptachlor	mg/Kg	0.11	0.11 U	0.055 U	0.11 U	0.55 U	0.011 U
SW8081	Heptachlor epoxide	mg/Kg	0.053	0.11 U	0.055 U	0.11 U	0.55 U	0.011 U
SW8081	Methoxychlor	mg/Kg	310	0.11 U	0.055 U	0.11 U	0.55 U	0.011 U
SW8081	Toxaphene	mg/Kg	0.44	0.65 U	0.33 U	0.67 U	3.3 U	0.066 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 G1
SOIL ANALYTICAL RESULTS
Toxicity Characteristic Leaching Procedure
Green Creek Township Dump Site
Clyde, Sandusky County, Ohio

Site				Green Creek Township Dump				
				GC-B01	GC-B01	GC-B02	GC-B03	GC-B04
Location ID				GC-B01-S01-021612	GC-B01-S01-021612-DP	GC-B02-S01-021612	GC-B03-S01-022112	GC-B04-S01-022112
Field Sample ID				2/16/2012	2/16/2012	2/16/2012	2/21/2012	2/21/2012
Sample Date				0-2	0-2	4-6	1-3	0-4
Sample Depth (ft bgs)								
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
SW8260	1,2-Dichloroethane, TCLP	mg/L	0.5	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
SW8270	2,4,6-Trichlorophenol, TCLP	mg/L	2	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
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
SW8151	2,4-D, TCLP	mg/L	10	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
SW8260	2-Butanone, TCLP	mg/L	200	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
SW8260	Carbon tetrachloride, TCLP	mg/L	0.5	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
SW8260	Chlorobenzene, TCLP	mg/L	100	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
SW8081	Endrin, TCLP	mg/L	0.02	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
SW8081	Heptachlor, TCLP	mg/L	0.008	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
SW8270	Hexachlorobenzene, TCLP	mg/L	NA	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
SW8270	m-Cresol, TCLP	mg/L	200	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
SW8270	Nitrobenzene, TCLP	mg/L	2	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
SW8270	p-Cresol, TCLP	mg/L	200	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
SW8270	Pyridine, TCLP	mg/L	5	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
SW8081	Toxaphene, TCLP	mg/L	0.5	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
SW8260	Vinyl chloride, TCLP	mg/L	0.2	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	0.01	0.01 U	0.01 U
SW6020A	Barium, TCLP	mg/L	100	0.85	0.67	0.9	0.42	1.5
SW6020A	Cadmium, TCLP	mg/L	1	0.011	0.0096	0.002 U	0.002	0.002 U
SW6020A	Chromium, TCLP	mg/L	5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
SW6020A	Lead, TCLP	mg/L	5	0.17	0.13	0.016	0.01 U	0.01 U
SW7470A	Mercury, TCLP	mg/L	0.2	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
SW6020A	Silver, TCLP	mg/L	5	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 G2
WATER ANALYTICAL RESULTS
Volatile Organic Compounds and Semi-Volatile Organic Compounds
Green Creek Township Dump Site
Clyde, Sandusky County, Ohio

Site				Green Creek Township Dump	
				GC-B01	GC-B02
Location ID				GC-B01-W01-021612	GC-B02-W01-021712
Field Sample ID				2/16/2012	2/17/2012
Sample Date				14-19	18-28
Screened Interval (ft bgs)					
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
SW8260	1,1,1-Trichloroethane	mg/L	0.2	0.001 U	0.001 U
SW8260	1,1,2-Trichloroethane	mg/L	0.005	0.001 U	0.001 U
SW8260	1,1,2-Trichlorotrifluoroethane	mg/L	NA	0.001 U	0.001 U
SW8260	1,1-Dichloroethane	mg/L	NA	0.001 U	0.001 U
SW8260	1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U
SW8260	1,2,4-Trichlorobenzene	mg/L	0.07	0.001 U	0.001 U
SW8260	1,2-Dibromo-3-chloropropane	mg/L	0.0002	0.001 U	0.001 U
SW8260	1,2-Dibromoethane	mg/L	0.00005	0.001 U	0.001 U
SW8260	1,2-Dichlorobenzene	mg/L	0.6	0.001 U	0.001 U
SW8260	1,2-Dichloroethane	mg/L	0.005	0.001 U	0.001 U
SW8260	1,2-Dichloropropane	mg/L	0.005	0.002 U	0.002 U
SW8260	1,3-Dichlorobenzene	mg/L	NA	0.002 U	0.002 U
SW8260	1,4-Dichlorobenzene	mg/L	0.075	0.002 U	0.002 U
SW8260	2-Butanone	mg/L	NA	0.005 U	0.005 U
SW8260	2-Hexanone	mg/L	NA	0.005 U	0.005 U
SW8260	4-Methyl-2-pentanone	mg/L	NA	0.005 U	0.005 U
SW8260	Acetone	mg/L	NA	0.02 U	0.02 U
SW8260	Benzene	mg/L	0.005	0.001 U	0.001 U
SW8260	Bromodichloromethane	mg/L	0.08	0.001 U	0.001 U
SW8260	Bromoform	mg/L	0.08	0.001 U	0.001 U
SW8260	Bromomethane	mg/L	NA	0.001 U	0.001 U
SW8260	Carbon disulfide	mg/L	NA	0.0025 U	0.0025 U
SW8260	Carbon tetrachloride	mg/L	0.005	0.001 U	0.001 U
SW8260	Chlorobenzene	mg/L	0.1	0.001 U	0.001 U
SW8260	Chloroethane	mg/L	NA	0.001 U	0.001 U
SW8260	Chloroform	mg/L	0.08	0.001 U	0.001 U
SW8260	Chloromethane	mg/L	NA	0.001 U	0.001 U
SW8260	cis-1,2-Dichloroethene	mg/L	0.07	0.001 U	0.001 U
SW8260	cis-1,3-Dichloropropene	mg/L	NA	0.001 U	0.001 U
SW8260	Cyclohexane	mg/L	NA	0.005 U	0.005 U
SW8260	Dibromochloromethane	mg/L	0.08	0.001 U	0.001 U
SW8260	Dichlorodifluoromethane	mg/L	NA	0.001 U	0.001 U
SW8260	Ethylbenzene	mg/L	0.7	0.001 U	0.001 U
SW8260	Isopropylbenzene	mg/L	NA	0.001 U	0.001 U
SW8260	Methyl acetate	mg/L	NA	0.002 U	0.002 U
SW8260	Methyl tert-butyl ether	mg/L	NA	0.005 U	0.005 U
SW8260	Methylcyclohexane	mg/L	NA	0.005 U	0.005 U
SW8260	Methylene chloride	mg/L	0.005	0.005 U	0.005 U
SW8260	Styrene	mg/L	0.1	0.001 U	0.001 U
SW8260	Tetrachloroethene	mg/L	0.005	0.002 U	0.002 U
SW8260	Toluene	mg/L	1	0.001 U	0.001 U
SW8260	trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U
SW8260	trans-1,3-Dichloropropene	mg/L	NA	0.001 U	0.001 U
SW8260	Trichloroethene	mg/L	0.005	0.001 U	0.001 U
SW8260	Trichlorofluoromethane	mg/L	NA	0.001 U	0.001 U
SW8260	Vinyl chloride	mg/L	0.002	0.001 U	0.001 U
SW8260	Xylenes, Total	mg/L	10	0.003 U	0.003 U
Semi-Volatile Organic Compounds (SVOCs)					
SW8270	1,1-Biphenyl	mg/L	NA	0.005 U	0.005 U
SW8270	2,4,5-Trichlorophenol	mg/L	NA	0.005 U	0.005 U
SW8270	2,4,6-Trichlorophenol	mg/L	NA	0.005 U	0.005 U
SW8270	2,4-Dichlorophenol	mg/L	NA	0.01 U	0.01 U
SW8270	2,4-Dimethylphenol	mg/L	NA	0.005 U	0.005 U
SW8270	2,4-Dinitrophenol	mg/L	NA	0.005 U	0.005 U
SW8270	2,4-Dinitrotoluene	mg/L	NA	0.005 U	0.005 U
SW8270	2,6-Dinitrotoluene	mg/L	NA	0.005 U	0.005 U
SW8270	2-Chloronaphthalene	mg/L	NA	0.005 U	0.005 U
SW8270	2-Chlorophenol	mg/L	NA	0.005 U	0.005 U
SW8270	2-Methylnaphthalene	mg/L	NA	0.005 U	0.005 U
SW8270	2-Nitroaniline	mg/L	NA	0.02 U	0.02 U
SW8270	2-Nitrophenol	mg/L	NA	0.005 U	0.005 U
SW8270	3,3-Dichlorobenzidine	mg/L	NA	0.005 U	0.005 U
SW8270	3-Nitroaniline	mg/L	NA	0.02 U	0.02 U
SW8270	4,6-Dinitro-2-methylphenol	mg/L	NA	0.02 U	0.02 U
SW8270	4-Bromophenyl phenyl ether	mg/L	NA	0.005 U	0.005 U
SW8270	4-Chloro-3-methylphenol	mg/L	NA	0.005 U	0.005 U
SW8270	4-Chloroaniline	mg/L	NA	0.02 U	0.02 U
SW8270	4-Chlorophenyl phenyl ether	mg/L	NA	0.005 U	0.005 U
SW8270	4-Nitroaniline	mg/L	NA	0.02 U	0.02 U
SW8270	4-Nitrophenol	mg/L	NA	0.02 U	0.02 U
SW8270	Acenaphthene	mg/L	NA	0.005 U	0.005 U
SW8270	Acenaphthylene	mg/L	NA	0.005 U	0.005 U
SW8270	Acetophenone	mg/L	NA	0.001 U	0.001 U
SW8270	Anthracene	mg/L	NA	0.005 U	0.005 U
SW8270	Atrazine	mg/L	0.003	0.01 U	0.01 U
SW8270	Benzaldehyde	mg/L	NA	0.001 U	0.001 U
SW8270	Benzo(a)anthracene	mg/L	NA	0.005 U	0.005 U
SW8270	Benzo(a)pyrene	mg/L	0.0002	0.005 U	0.005 U
SW8270	Benzo(b)fluoranthene	mg/L	NA	0.005 U	0.005 U
SW8270	Benzo(g,h,i)perylene	mg/L	NA	0.005 U	0.005 U
SW8270	Benzo(k)fluoranthene	mg/L	NA	0.005 U	0.005 U
SW8270	Bis(2-chloroethoxy)methane	mg/L	NA	0.005 U	0.005 U
SW8270	Bis(2-chloroethyl)ether	mg/L	NA	0.005 U	0.005 U
SW8270	Bis(2-chloroisopropyl)ether	mg/L	NA	0.005 U	0.005 U
SW8270	Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.005 U	0.005 U
SW8270	Butyl benzyl phthalate	mg/L	NA	0.005 U	0.005 U
SW8270	Caprolactam	mg/L	NA	0.01 U	0.01 U
SW8270	Carbazole	mg/L	NA	0.01 U	0.01 U
SW8270	Chrysene	mg/L	NA	0.005 U	0.005 U
SW8270	Dibenzo(a,h)anthracene	mg/L	NA	0.005 U	0.005 U
SW8270	Dibenzofuran	mg/L	NA	0.005 U	0.005 U
SW8270	Diethyl phthalate	mg/L	NA	0.02 U	0.02 U
SW8270	Dimethyl phthalate	mg/L	NA	0.02 U	0.02 U
SW8270	Di-n-butyl phthalate	mg/L	NA	0.005 U	0.005 U
SW8270	Di-n-octyl phthalate	mg/L	NA	0.005 U	0.005 U
SW8270	Fluoranthene	mg/L	NA	0.005 U	0.005 U
SW8270	Fluorene	mg/L	NA	0.005 U	0.005 U
SW8270	Hexachloro-1,3-butadiene	mg/L	NA	0.005 U	0.005 U
SW8270	Hexachlorobenzene	mg/L	NA	0.005 U	0.005 U
SW8270	Hexachlorocyclopentadiene	mg/L	0.05	0.02 U	0.02 U
SW8270	Hexachloroethane	mg/L	NA	0.005 U	0.005 U
SW8270	Indeno(1,2,3-cd)pyrene	mg/L	NA	0.005 U	0.005 U
SW8270	Isophorone	mg/L	NA	0.005 U	0.005 U
SW8270	Naphthalene	mg/L	NA	0.005 U	0.005 U
SW8270	Nitrobenzene	mg/L	NA	0.005 U	0.005 U
SW8270	N-Nitrosodi-n-propylamine	mg/L	NA	0.005 U	0.005 U
SW8270	N-Nitrosodiphenylamine	mg/L	NA	0.005 U	0.005 U
SW8270	o-Cresol	mg/L	NA	0.005 U	0.005 U
SW8270	p-Cresol	mg/L	NA	0.005 U	0.005 U
SW8270	Pentachlorophenol	mg/L	0.001	0.02 U	0.02 U
SW8270	Phenanthrene	mg/L	NA	0.005 U	0.005 U
SW8270	Phenol	mg/L	NA	0.005 U	0.005 U
SW8270	Pyrene	mg/L	NA	0.005 U	0.005 U

Notes:

*MCL – U.S. Environmental Protection Agency, Maximum Contaminant Level/Regional Screening Level (formerly Preliminary Remediation Goal) listed in Tapwater Supporting 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. Where the waste contains less than 0.5 percent filterable solids, the waste itself, after filtering, is considered to be the extract for the purpose of this table. A substance not excluded from regulation as a hazardous waste is a hazardous waste if it exhibits any of the characteristics listed.

BOLD - Exceeds listed criteria

- CFR – Code of Federal Regulations
- DEG F – Degrees Fahrenheit
- 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
- RSI – Regional Screening Level
- s.u. – Standard Unit
- TCLP – Toxicity Characteristic Leaching Procedure
- U – Not detected at indicated method detection limit

**TABLE G2
WATER ANALYTICAL RESULTS
Metals, Pesticides and Herbicides
Green Creek Township Dump Site
Clyde, Sandusky County, Ohio**

Site				Green Creek Township Dump	
				GC-B01	GC-B02
Location ID				GC-B01-W01-021612	GC-B02-W01-021712
Field Sample ID				2/16/2012	2/17/2012
Sample Date				14-19	18-28
Screened Interval (ft bgs)					
Total Target Analyte List (TAL) Metals					
Analytical Method	Chemical Name	Units	*MCL		
SW6020A	Aluminum	mg/L	NA	0.15	0.11
SW6020A	Antimony	mg/L	0.006	0.005 U	0.005 U
SW6020A	Arsenic	mg/L	0.01	0.005 U	0.005 U
SW6020A	Barium	mg/L	2	0.066	0.22
SW6020A	Beryllium	mg/L	0.004	0.002 U	0.002 U
SW6020A	Boron	mg/L	NA	1	2.9
SW6020A	Cadmium	mg/L	NA	0.002 U	0.002 U
SW6020A	Calcium	mg/L	NA	180	390
SW6020A	Chromium	mg/L	0.1	0.005 U	0.005 U
SW6020A	Cobalt	mg/L	NA	0.0062	0.005 U
SW6020A	Copper	mg/L	1.3	0.04	0.005 U
SW6020A	Iron	mg/L	NA	2.5	0.33
SW6020A	Lead	mg/L	0.015	0.018	0.03
SW6020A	Magnesium	mg/L	NA	57	130
SW6020A	Manganese	mg/L	NA	1	0.48
SW7470	Mercury	mg/L	0.002	0.0002 U	0.0002 U
SW6020A	Nickel	mg/L	NA	0.019	0.0051
SW6020A	Potassium	mg/L	NA	7.9	20
SW6020A	Selenium	mg/L	0.05	0.005 U	0.005 U
SW6020A	Silver	mg/L	NA	0.005 U	0.005 U
SW6020A	Sodium	mg/L	NA	15	42
SW6020A	Thallium	mg/L	0.002	0.005 U	0.005 U
SW6020A	Vanadium	mg/L	NA	0.005 U	0.005 U
SW6020A	Zinc	mg/L	NA	0.4	0.057
Pesticides and Herbicides					
SW8151	2,4,5-T	mg/L	NA	0.001 U	0.001 U
SW8151	2,4,5-TP (Silvex)	mg/L	0.05	0.002 U	0.002 U
SW8151	2,4-D	mg/L	0.07	0.002 U	0.002 U
SW8081	4,4-DDD	mg/L	NA	0.00002 U	0.00002 U
SW8081	4,4-DDE	mg/L	NA	0.00002 U	0.00002 U
SW8081	4,4-DDT	mg/L	NA	0.00002 U	0.00002 U
SW8081	Aldrin	mg/L	NA	0.00001 U	0.00001 U
SW8081	alpha-BHC	mg/L	NA	0.000014	0.00001 U
SW8081	alpha-Chlordane	mg/L	NA	0.00002 U	0.00002 U
SW8082	Aroclor 1016	mg/L	NA	0.0004 U	0.0004 U
SW8082	Aroclor 1221	mg/L	NA	0.0004 U	0.0004 U
SW8082	Aroclor 1232	mg/L	NA	0.0004 U	0.0004 U
SW8082	Aroclor 1242	mg/L	NA	0.0004 U	0.0004 U
SW8082	Aroclor 1248	mg/L	NA	0.0004 U	0.0004 U
SW8082	Aroclor 1254	mg/L	NA	0.0004 U	0.0004 U
SW8082	Aroclor 1260	mg/L	NA	0.0004 U	0.0004 U
SW8081	beta-BHC	mg/L	NA	0.00004	0.00001 U
SW8081	Chlordane, Technical	mg/L	NA	0.0005 U	0.0005 U
SW8081	delta-BHC	mg/L	NA	0.000011	0.00001 U
SW8081	Dieldrin	mg/L	NA	0.00002 U	0.00002 U
SW8081	Endosulfan I	mg/L	NA	0.00002 U	0.00002 U
SW8081	Endosulfan II	mg/L	NA	0.00002 U	0.00002 U
SW8081	Endosulfan sulfate	mg/L	NA	0.00002 U	0.00002 U
SW8081	Endrin	mg/L	0.002	0.00002 U	0.00002 U
SW8081	Endrin aldehyde	mg/L	NA	0.00002 U	0.00002 U
SW8081	Endrin ketone	mg/L	NA	0.00002 U	0.00002 U
SW8081	gamma-BHC (Lindane)	mg/L	0.0002	0.000028	0.00001 U
SW8081	gamma-Chlordane	mg/L	NA	0.00002 U	0.00002 U
SW8081	Heptachlor	mg/L	0.0004	0.00001 U	0.00001 U
SW8081	Heptachlor epoxide	mg/L	0.0002	0.00001 U	0.00001 U
SW8081	Hexachlorobenzene	mg/L	NA	0.00001 U	0.00001 U
SW8081	Methoxychlor	mg/L	0.04	0.00004 U	0.00004 U
SW8081	Toxaphene	mg/L	0.003	0.002 U	0.002 U

Notes:

*MCL – U.S. Environmental Protection Agency, Maximum Contaminant Level/Regional Screening Level (formerly Preliminary Remediation Goal) listed in Tapwater Supporting 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. Where the waste contains less than 0.5 percent filterable solids, the waste itself, after filtering, is considered to be the extract for the purpose of this table. A substance not excluded from regulation as a hazardous waste is a hazardous waste if it exhibits any of the characteristics listed.

BOLD - Exceeds listed criteria

- CFR – Code of Federal Regulations
- DEG F – Degrees Fahrenheit
- 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 G2
WATER ANALYTICAL RESULTS
Toxicity Characteristic Leaching Procedure
Green Creek Township Dump Site
Clyde, Sandusky County, Ohio

				Site	
				Location ID	
				Field Sample ID	
				Sample Date	
				Screened Interval (ft bgs)	
				Green Creek Township Dump	
				GC-B01	GC-B02
				GC-B01-W01-021612	GC-B02-W01-021712
				2/16/2012	2/17/2012
				14-19	18-28
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
SW8260	1,2-Dichloroethane, TCLP	mg/L	0.5	0.001 U	0.001 U
SW8270	1,4-Dichlorobenzene, TCLP	mg/L	7.5	0.005 U	0.005 U
SW8270	2,4,6-Trichlorophenol, TCLP	mg/L	2	0.005 U	0.005 U
SW8151	2,4,5-TP (Silvex), TCLP	mg/L	1	0.005 U	0.005 U
SW8270	2,4,5-Trichlorophenol, TCLP	mg/L	400	0.005 U	0.005 U
SW8151	2,4-D, TCLP	mg/L	10	0.005 U	0.005 U
SW8270	2,4-Dinitrotoluene, TCLP	mg/L	0.13	0.005 U	0.005 U
SW8260	2-Butanone, TCLP	mg/L	200	0.01 U	0.01 U
SW8260	Benzene, TCLP	mg/L	0.5	0.001 U	0.001 U
SW8260	Carbon tetrachloride, TCLP	mg/L	0.5	0.001 U	0.001 U
SW8081	Chlordane, Technical, TCLP	mg/L	0.03	0.001 U	0.001 U
SW8260	Chlorobenzene, TCLP	mg/L	100	0.001 U	0.001 U
SW8260	Chloroform, TCLP	mg/L	6	0.001 U	0.001 U
SW8081	gamma-BHC (Lindane), TCLP	mg/L	0.4	0.00005 U	0.00005 U
SW8081	Heptachlor, TCLP	mg/L	0.008	0.00005 U	0.00005 U
SW8270	Hexachloro-1,3-butadiene, TCLP	mg/L	0.5	0.005 U	0.005 U
SW8270	Hexachlorobenzene, TCLP	mg/L	NA	0.005 U	0.005 U
SW8270	Hexachloroethane, TCLP	mg/L	3	0.005 U	0.005 U
SW8270	m-Cresol, TCLP	mg/L	200	0.005 U	0.005 U
SW8081	Methoxychlor, TCLP	mg/L	10	0.0005 U	0.0005 U
SW8270	Nitrobenzene, TCLP	mg/L	2	0.005 U	0.005 U
SW8270	o-Cresol, TCLP	mg/L	200	0.005 U	0.005 U
SW8270	p-Cresol, TCLP	mg/L	200	0.005 U	0.005 U
SW8270	Pentachlorophenol, TCLP	mg/L	100	0.02 U	0.02 U
SW8270	Pyridine, TCLP	mg/L	5	0.02 U	0.02 U
SW8260	Tetrachloroethene, TCLP	mg/L	0.7	0.001 U	0.001 U
SW8081	Toxaphene, TCLP	mg/L	0.5	0.004 U	0.004 U
SW8260	Trichloroethene, TCLP	mg/L	0.5	0.001 U	0.001 U
SW8260	Vinyl chloride, TCLP	mg/L	0.2	0.001 U	0.001 U
SW6020A	Arsenic, TCLP	mg/L	5	0.001 U	0.001 U
SW6020A	Barium, TCLP	mg/L	100	0.066	0.22
SW6020A	Cadmium, TCLP	mg/L	1	0.0011	0.0002 U
SW6020A	Chromium, TCLP	mg/L	5	0.002 U	0.0021
SW6020A	Lead, TCLP	mg/L	5	0.018	0.03
SW7470A	Mercury, TCLP	mg/L	0.2	0.0002 U	0.0002 U
SW6020A	Selenium, TCLP	mg/L	1	0.002 U	0.002 U
SW6020A	Silver, TCLP	mg/L	5	0.0005 U	0.0005 U
D93	Flashpoint, P-M Closed-cup	DEG F	<140	>140	>140
SW9040	pH	s.u.	≤2 or ≥12.5	6.94	6.84 H

Notes:

*MCL – U.S. Environmental Protection Agency, Maximum Contaminant Level/Regional Screening Level (formerly Preliminary Remediation Goal) listed in Tapwater Supporting 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. Where the waste contains less than 0.5 percent filterable solids, the waste itself, after filtering, is considered to be the extract for the purpose of this table. A substance not excluded from regulation as a hazardous waste is a hazardous waste if it exhibits any of the characteristics listed.

BOLD - Exceeds listed criteria

- CFR – Code of Federal Regulations
- DEG F – Degrees Fahrenheit
- 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 G3
SOIL GAS ANALYTICAL RESULTS
Green Creek Township Dump Site
Clyde, Sandusky County, Ohio**

				Green Creek Township Dump	
Site				GC-B02	GC-B03
Location ID				GC-B02-V01-022112	GC-B03-V01-022112
Field Sample ID				2/21/2012	2/21/2012
Sample Date				13-16	6-7
Vapor Probe Interval (ft bgs)					
Analytical Method	Chemical Name	Units	*C Soil-Gas		
TO15	1,1,1-Trichloroethane	ug/m ³	220000	4.2 U	4.4 U
TO15	1,1,2,2-Tetrachloroethane	ug/m ³	42	5.3 U	5.5 U
TO15	1,1,2-Trichloroethane	ug/m ³	150	4.2 U	4.4 U
TO15	1,1,2-Trichlorotrifluoroethane	ug/m ³	3000000	5.9 U	6.2 U
TO15	1,1-Dichloroethane	ug/m ³	50000	3.1 U	3.2 U
TO15	1,1-Dichloroethene	ug/m ³	20000	3.1 U	3.2 U
TO15	1,2,4-Trichlorobenzene	ug/m ³	20000	23 U	24 U
TO15	1,2,4-Trimethylbenzene	ug/m ³	600	3.8 U	4.0 U
TO15	1,2-Dibromoethane	ug/m ³	11	6.0 U	6.2 U
TO15	1,2-Dichlorobenzene	ug/m ³	20000	4.6 U	4.8 U
TO15	1,2-Dichloroethane	ug/m ³	94	3.1 U	3.2 U
TO15	1,2-Dichloropropane	ug/m ³	400	3.6 U	3.7 U
TO15	1,3,5-Trimethylbenzene	ug/m ³	600	3.8 U	4.0 U
TO15	1,3-Butadiene	ug/m ³	8.7	1.7 U	1.8 U
TO15	1,3-Dichlorobenzene	ug/m ³	11000	4.6 U	4.8 U
TO15	1,4-Dichlorobenzene	ug/m ³	80000	4.6 U	4.8 U
TO15	1,4-Dioxane	ug/m ³	NA	11 U	12 U
TO15	2,2,4-Trimethylpentane	ug/m ³	NA	6.2	3.8 U
TO15	2-Butanone	ug/m ³	100000	17	9.5 U
TO15	2-Hexanone	ug/m ³	NA	13 U	13 U
TO15	2-Propanol	ug/m ³	NA	7.6 U	7.9 U
TO15	3-Chloropropene	ug/m ³	NA	9.7 U	10 U
TO15	4-Ethyltoluene	ug/m ³	NA	4.1	4.0 U
TO15	4-Methyl-2-pentanone	ug/m ³	8000	8.1	3.3 U
TO15	Acetone	ug/m ³	35000	200	19 U
TO15	alpha-Chlorotoluene	ug/m ³	50	4.0 U	4.2 U
TO15	Benzene	ug/m ³	310	75	2.6 U
TO15	Bromodichloromethane	ug/m ³	140	5.2 U	5.4 U
TO15	Bromoform	ug/m ³	2200	8.0 U	8.3 U
TO15	Bromomethane	ug/m ³	500	30 U	31 U
TO15	Carbon disulfide	ug/m ³	70000	13	10 U
TO15	Carbon tetrachloride	ug/m ³	160	4.9 U	5.1 U
TO15	Chlorobenzene	ug/m ³	6000	3.6 U	3.7 U
TO15	Chloroethane	ug/m ³	1000000	8.2 U	8.5 U
TO15	Chloroform	ug/m ³	110	3.8 U	3.9 U
TO15	Chloromethane	ug/m ³	2400	16 U	17 U
TO15	cis-1,2-Dichloroethene	ug/m ³	3500	3.1 U	3.2 U
TO15	cis-1,3-Dichloropropene	ug/m ³	NA	3.5 U	3.6 U
TO15	Cyclohexane	ug/m ³	NA	12	2.8 U
TO15	Dibromochloromethane	ug/m ³	100	6.6 U	6.8 U
TO15	Dichlorodifluoromethane	ug/m ³	20000	14	240
TO15	Ethanol	ug/m ³	NA	7.2	6.1 U
TO15	Ethylbenzene	ug/m ³	2200	22	3.5 U
TO15	Freon 114	ug/m ³	NA	5.4 U	5.6 U
TO15	Heptane	ug/m ³	NA	25	3.3 U
TO15	Hexachloro-1,3-butadiene	ug/m ³	110	33 U	34 U
TO15	Hexane	ug/m ³	20000	24	2.8 U
TO15	Isopropylbenzene	ug/m ³	40000	3.8 U	4.0 U
TO15	m,p-Xylene	ug/m ³	NA	51	11
TO15	Methyl tert-butyl ether	ug/m ³	300000	2.8 U	2.9 U
TO15	Methylene chloride	ug/m ³	5200	27 U	28 U
TO15	o-Xylene	ug/m ³	700000	17	3.5 U
TO15	Propylbenzene	ug/m ³	14000	3.8 U	4.0 U
TO15	Styrene	ug/m ³	100000	3.3 U	3.4 U
TO15	Tetrachloroethene	ug/m ³	810	5.2 U	5.5 U
TO15	Tetrahydrofuran	ug/m ³	NA	2.3 U	2.4 U
TO15	Toluene	ug/m ³	40000	200	23
TO15	trans-1,2-Dichloroethene	ug/m ³	7000	3.1 U	3.2 U
TO15	trans-1,3-Dichloropropene	ug/m ³	NA	3.5 U	3.6 U
TO15	Trichloroethene	ug/m ³	22	4.2 U	4.3 U
TO15	Trichlorofluoromethane	ug/m ³	70000	9.5	230
TO15	Vinyl chloride	ug/m ³	280	2.0 U	2.0 U

Notes:

*C Soil-Gas – U.S. Environmental Protection Agency Target Deep Soil Gas Concentration Corresponding to Target Indoor Air Concentration Where the Soil Gas to Indoor Air Attenuation Factor = 0.01, located in Table 2b: Question 4 Generic Screening Levels and Summary Sheet, *OSWER Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils*

ft bgs – Feet below ground surface

ug/m³ – Micrograms per cubic meter

NA – Not Available

U – Not detected at indicated method detection limit

**APPENDIX F1
EDR REPORT**

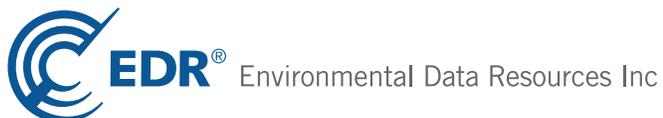
Warnacke Dump

Ohio State Route 101 W/South Main Street
Clyde, OH 43410

Inquiry Number: 3225018.13s

December 15, 2011

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	7
Orphan Summary	8
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-13
Physical Setting Source Map Findings	A-15
Physical Setting Source Records Searched	A-107

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2011 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

OHIO STATE ROUTE 101 W/SOUTH MAIN STREET
CLYDE, OH 43410

COORDINATES

Latitude (North): 41.261600 - 41° 15' 41.8"
Longitude (West): 82.974500 - 82° 58' 28.2"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 334591.0
UTM Y (Meters): 4569465.5
Elevation: 763 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 41082-C8 CLYDE, OH
Most Recent Revision: 1969

South Map: 41082-B8 FIRESIDE, OH
Most Recent Revision: 1977

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2009, 2010
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS..... This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal
NPL list.
DERR..... Division of Emergency & Remedial Response's Database

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Licensed Solid Waste Facilities

State and tribal leaking storage tank lists

LUST..... Leaking Underground Storage Tank File
UNREG LTANKS..... Ohio Leaking UST File
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

UST..... Underground Storage Tank File

EXECUTIVE SUMMARY

INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Sites with Engineering Controls
INST CONTROL..... Sites with Institutional Engineering Controls
HIST ENG CONTROLS..... Operation & Maintenance Agreements Database
HIST INST CONTROLS..... Institutional Controls Database

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing
VCP..... Voluntary Action Program Sites

State and tribal Brownfields sites

BROWNFIELDS..... Ohio Brownfield Inventory

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
HIST LF..... Old Solid Waste Landfill
SWRCY..... Recycling Facility Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
CDL..... Clandestine Drug Lab Locations
US HIST CDL..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

ARCHIVE UST..... Archived Underground Storage Tank Sites

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Emergency Response Database

Other Ascertainable Records

RCRA-NonGen..... RCRA - Non Generators

EXECUTIVE SUMMARY

DOT OPS.....	Incident and Accident Data
DOD.....	Department of Defense Sites
FUDS.....	Formerly Used Defense Sites
CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
TOWNGAS.....	DERR Towngas Database
UIC.....	Underground Injection Wells Listing
DRYCLEANERS.....	Drycleaner Facility Listing
NPDES.....	NPDES General Permit List
AIRS.....	Title V Permits Listing
USD.....	Urban Setting Designation Sites
HIST USD.....	Urban Setting Designations Database
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH DOE.....	Sleam-Electric Plan Operation Data
FINANCIAL ASSURANCE.....	Financial Assurance Information Listing
CRO.....	Cessation of Regulated Operations Facility Listing
COAL ASH.....	Coal Ash Disposal Site Listing

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

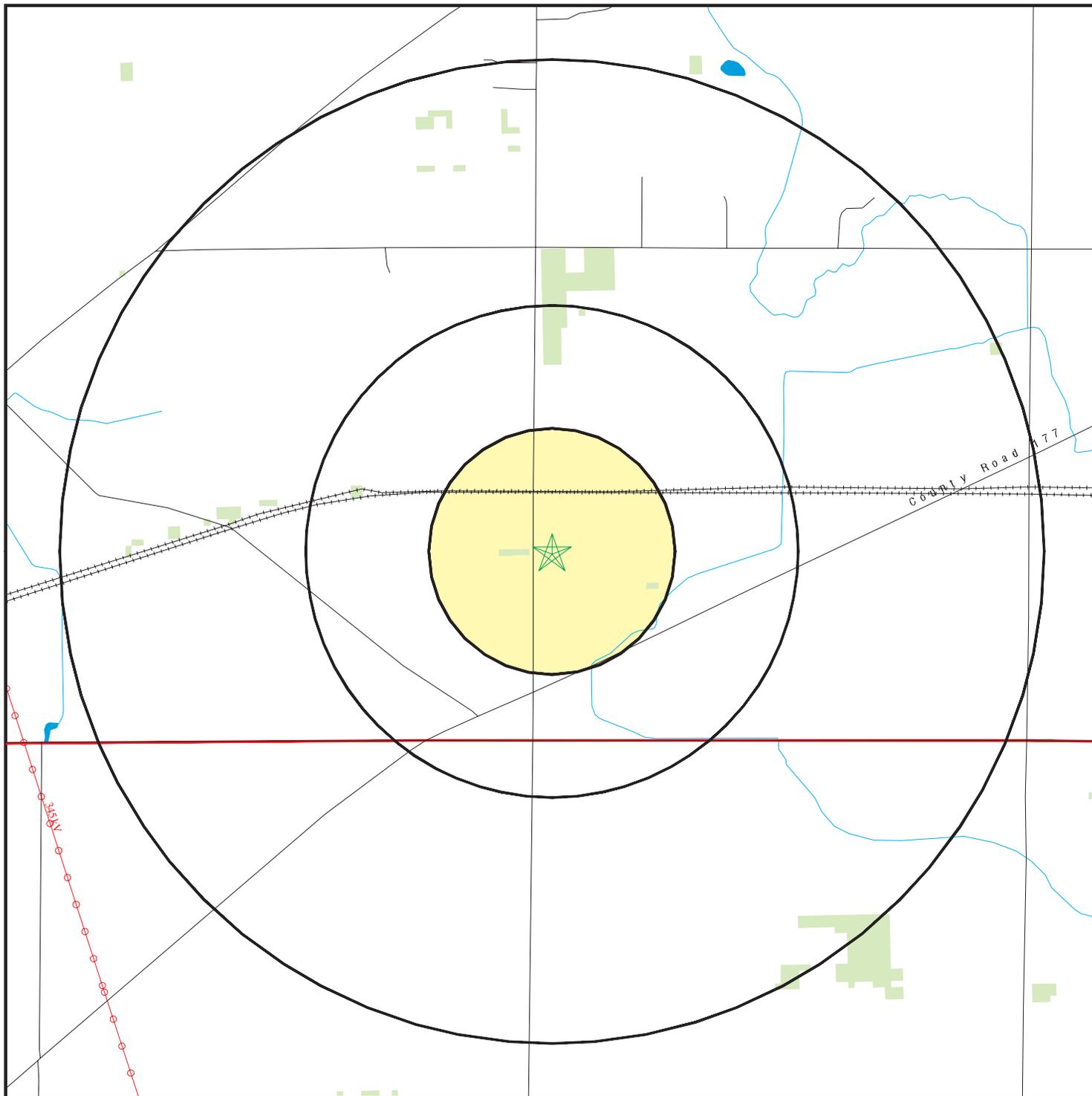
Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 4 records.

<u>Site Name</u>	<u>Database(s)</u>
CLYDE COMPOST FACILITY	SWF/LF
CONTINENTAL ESTATE LTD	LUST, UST
EVERGREEN GRAIN CO.	UST
MEYER TERRY CHEVROLET BUICK OLDSMO	RCRA-SQG, FINDS

OVERVIEW MAP - 3225018.13s



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Manufactured Gas Plants

■ National Priority List Sites

■ Dept. Defense Sites

■ Indian Reservations BIA

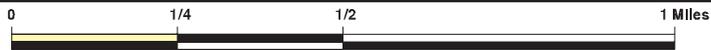
▲ County Boundary

▲ Power transmission lines

▲ Oil & Gas pipelines from USGS

■ National Wetland Inventory

■ State Wetlands

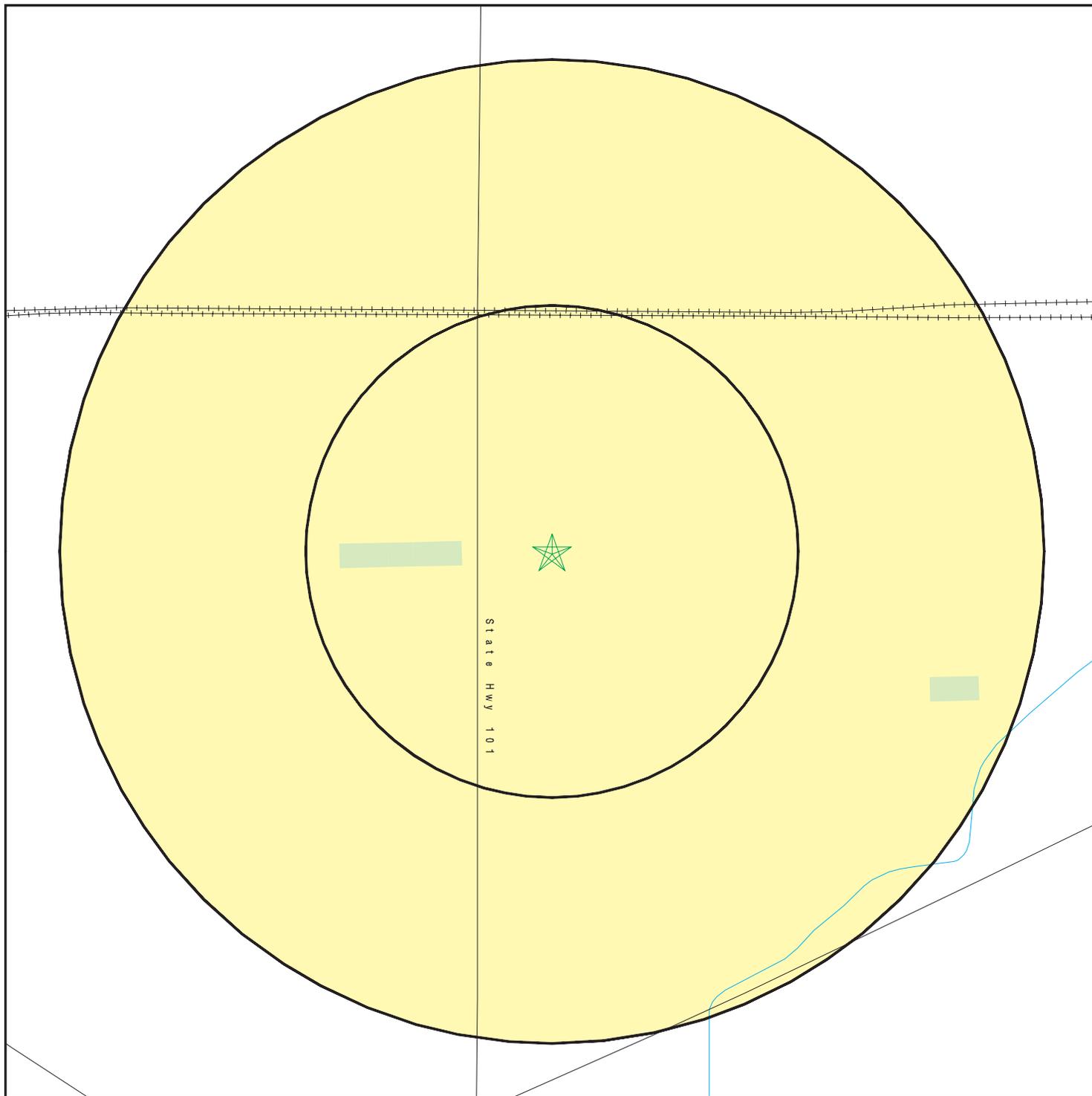


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Warnacke Dump
 ADDRESS: Ohio State Route 101 W/South Main Street
 Clyde OH 43410
 LAT/LONG: 41.2616 / 82.9745

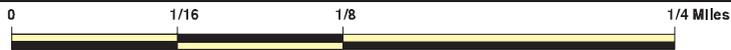
CLIENT: Weston Solutions, Inc.
 CONTACT: TJ Mcfarland
 INQUIRY #: 3225018.13s
 DATE: December 15, 2011 10:31 am

DETAIL MAP - 3225018.13s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Oil & Gas pipelines from USGS
- National Wetland Inventory
- State Wetlands



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Warnacke Dump
 ADDRESS: Ohio State Route 101 W/South Main Street
 Clyde OH 43410
 LAT/LONG: 41.2616 / 82.9745

CLIENT: Weston Solutions, Inc.
 CONTACT: TJ Mcfarland
 INQUIRY #: 3225018.13s
 DATE: December 15, 2011 10:32 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Federal NPL site list</i>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS		0.500	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS		1.000	0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS		TP	NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS		N/A	N/A	N/A	N/A	N/A	N/A	N/A
DERR		1.000	0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF		0.500	0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST		0.500	0	0	0	NR	NR	0
UNREG LTANKS		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST		0.250	0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
HIST ENG CONTROLS		0.500	0	0	0	NR	NR	0
HIST INST CONTROLS		0.500	0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
HIST LF		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
ARCHIVE UST		0.250	0	0	NR	NR	NR	0
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
TOWNGAS		1.000	0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
USD		0.500	0	0	0	NR	NR	0
HIST USD		0.500	0	0	0	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0
CRO	TP		NR	NR	NR	NR	NR	0
COAL ASH		0.500	0	0	0	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants		1.000	0	0	0	0	NR	0
-------------------------	--	-------	---	---	---	---	----	---

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

N/A = This State does not maintain a SHWS list. See the Federal CERCLIS list.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO SITES FOUND

Count: 4 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CLYDE	S105245537	CLYDE COMPOST FACILITY	LIMERICK RD	43410	SWF/LF
CLYDE	1000211615	MEYER TERRY CHEVROLET BUICK OLDSMO	US RTE 20 W	43410	RCRA-SQG, FINDS
CLYDE	U004089989	EVERGREEN GRAIN CO.	5485 STATE ROUTE 101	43410	UST
CLYDE	U004088293	CONTINENTAL ESTATE LTD	1137 USHY 20 E	43410	LUST, UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 06/30/2011	Source: EPA
Date Data Arrived at EDR: 07/12/2011	Telephone: N/A
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 10/12/2011
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/23/2012
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 06/30/2011	Source: EPA
Date Data Arrived at EDR: 07/12/2011	Telephone: N/A
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 10/12/2011
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/23/2012
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 06/30/2011	Source: EPA
Date Data Arrived at EDR: 07/12/2011	Telephone: N/A
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 10/12/2011
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/23/2012
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 11/29/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/12/2012
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 10/14/2011
Number of Days to Update: 36	Next Scheduled EDR Contact: 01/23/2012
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 11/29/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/12/2012
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/09/2011
Date Data Arrived at EDR: 03/15/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 91

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/14/2011
Next Scheduled EDR Contact: 02/27/2012
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 10/05/2011
Next Scheduled EDR Contact: 01/16/2012
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 10/05/2011
Next Scheduled EDR Contact: 01/16/2012
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 10/05/2011
Next Scheduled EDR Contact: 01/16/2012
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 10/05/2011
Next Scheduled EDR Contact: 01/16/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/16/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2011	Telephone: 703-603-0695
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 12/09/2011
Number of Days to Update: 81	Next Scheduled EDR Contact: 03/26/2012
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/16/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2011	Telephone: 703-603-0695
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 12/09/2011
Number of Days to Update: 81	Next Scheduled EDR Contact: 03/26/2012
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 10/03/2011	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/04/2011	Telephone: 202-267-2180
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 10/04/2011
Number of Days to Update: 38	Next Scheduled EDR Contact: 01/16/2012
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A	Source: Ohio EPA
Date Data Arrived at EDR: N/A	Telephone: 614-644-2924
Date Made Active in Reports: N/A	Last EDR Contact: 11/14/2011
Number of Days to Update: N/A	Next Scheduled EDR Contact: 02/27/2012
	Data Release Frequency: N/A

DERR: Division of Emergency & Remedial Response's Database

The DERR listings contains sites from all of Ohio that are in the Division of Emergency and Remedial Response (DERR) database, which is an index of sites for which our district offices maintain files. The database is NOT a record of contaminated sites or sites suspected of contamination. Not all sites in the database are contaminated, and a site's absence from the database does not imply that it is uncontaminated.

Date of Government Version: 08/22/2011	Source: Ohio EPA, Div. of Emergency and Remedial Response
Date Data Arrived at EDR: 08/23/2011	Telephone: 614-644-3538
Date Made Active in Reports: 09/27/2011	Last EDR Contact: 11/21/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/05/2012
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Licensed Solid Waste Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 10/17/2011	Source: Ohio Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 614-644-2621
Date Made Active in Reports: 11/08/2011	Last EDR Contact: 10/17/2011
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/30/2012
	Data Release Frequency: Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank File

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 10/18/2011	Source: Department of Commerce
Date Data Arrived at EDR: 10/20/2011	Telephone: 614-752-8200
Date Made Active in Reports: 11/01/2011	Last EDR Contact: 11/23/2011
Number of Days to Update: 12	Next Scheduled EDR Contact: 03/05/2012
	Data Release Frequency: Quarterly

UNREG LTANKS: Ohio Leaking UST File

A suspected or confirmed release of petroleum from a non-regulated UST.

Date of Government Version: 08/25/1999	Source: Department of Commerce
Date Data Arrived at EDR: 08/19/2003	Telephone: 614-752-7938
Date Made Active in Reports: 08/26/2003	Last EDR Contact: 08/01/2003
Number of Days to Update: 7	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2011	Source: EPA Region 1
Date Data Arrived at EDR: 11/01/2011	Telephone: 617-918-1313
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 11/01/2011
Number of Days to Update: 10	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/02/2011	Source: EPA Region 10
Date Data Arrived at EDR: 11/04/2011	Telephone: 206-553-2857
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 7	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/31/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/01/2011	Telephone: 415-972-3372
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 48	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 08/11/2011	Source: EPA Region 4
Date Data Arrived at EDR: 08/12/2011	Telephone: 404-562-8677
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 32	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Semi-Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/18/2011	Source: EPA Region 8
Date Data Arrived at EDR: 08/19/2011	Telephone: 303-312-6271
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/16/2011	Source: EPA Region 7
Date Data Arrived at EDR: 06/02/2011	Telephone: 913-551-7003
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 103	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Varies

State and tribal registered storage tank lists

UST: Underground Storage Tank File

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 09/16/2011	Source: Department of Commerce
Date Data Arrived at EDR: 09/16/2011	Telephone: 614-752-8200
Date Made Active in Reports: 09/30/2011	Last EDR Contact: 12/12/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 03/05/2012
	Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011	Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011	Telephone: 214-665-7591
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/18/2011	Source: EPA Region 8
Date Data Arrived at EDR: 08/19/2011	Telephone: 303-312-6137
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 08/04/2011	Source: EPA Region 9
Date Data Arrived at EDR: 08/05/2011	Telephone: 415-972-3368
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 39	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2011	Source: EPA Region 7
Date Data Arrived at EDR: 06/01/2011	Telephone: 913-551-7003
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations).

Date of Government Version: 08/11/2011	Source: EPA Region 4
Date Data Arrived at EDR: 08/12/2011	Telephone: 404-562-9424
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 32	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 07/01/2011	Source: EPA Region 5
Date Data Arrived at EDR: 08/26/2011	Telephone: 312-886-6136
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 18	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2011	Source: EPA, Region 1
Date Data Arrived at EDR: 11/01/2011	Telephone: 617-918-1313
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 10	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/02/2011	Source: EPA Region 10
Date Data Arrived at EDR: 11/04/2011	Telephone: 206-553-2857
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 7	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 10/17/2011
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/30/2012
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Sites with Engineering Controls

A database that tracks properties with engineering controls.

Date of Government Version: 08/17/2011	Source: Ohio EPA
Date Data Arrived at EDR: 08/18/2011	Telephone: 614-644-2306
Date Made Active in Reports: 09/28/2011	Last EDR Contact: 11/14/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/27/2012
	Data Release Frequency: Semi-Annually

INST CONTROL: Sites with Institutional Engineering Controls

A database that tracks properties with institutional controls.

Date of Government Version: 08/17/2011	Source: Ohio Environmental Protection Agency
Date Data Arrived at EDR: 08/18/2011	Telephone: 614-644-2306
Date Made Active in Reports: 09/28/2011	Last EDR Contact: 11/14/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/27/2012
	Data Release Frequency: Semi-Annually

HIST INST CONTROLS: Institutional Controls Database

"Institutional control" is a restriction that is recorded in the same manner as a deed which limits access to or use of the property such that exposure to hazardous substances or petroleum are effectively and reliably eliminated or mitigated. Examples of institutional controls include land and water use restrictions. This database is no longer updated or maintained by the state agency.

Date of Government Version: 05/10/2005	Source: Ohio EPA
Date Data Arrived at EDR: 04/06/2006	Telephone: 614-644-2306
Date Made Active in Reports: 05/04/2006	Last EDR Contact: 06/02/2008
Number of Days to Update: 28	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

HIST ENG CONTROLS: Operation & Maintenance Agreements Database

Volunteers that complete a voluntary action that relies on the ongoing operation and maintenance (O&M) of an engineered control to make the site protective (e.g. cap systems and ground water treatment systems) must enter into a legally binding agreement with the Ohio EPA before the director issues a covenant not to sue. This O&M Agreement must describe how the remedy is constructed and how it will be monitored, maintained and repaired. It also lays out inspection opportunities for the agency. Companies must document that they have the financial capability to operate any remedy relied on, before the agency will agree to enter into the O&M Agreement. The statute requires that the agency be notified of any change in ownership. This database is no longer updated or maintained by the state agency.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/10/2005
Date Data Arrived at EDR: 04/04/2006
Date Made Active in Reports: 05/04/2006
Number of Days to Update: 30

Source: Ohio EPA
Telephone: 614-644-2306
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

State and tribal voluntary cleanup sites

VCP: Voluntary Action Program Sites

Site involved in the Voluntary Action Program.

Date of Government Version: 08/17/2011
Date Data Arrived at EDR: 08/18/2011
Date Made Active in Reports: 09/28/2011
Number of Days to Update: 41

Source: Ohio EPA, Voluntary Action Program
Telephone: 614-728-1298
Last EDR Contact: 11/14/2011
Next Scheduled EDR Contact: 02/27/2012
Data Release Frequency: Semi-Annually

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 08/04/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/04/2011
Next Scheduled EDR Contact: 01/16/2012
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Ohio Brownfield Inventory

A statewide brownfields inventory. A brownfield is an abandoned, idled or under-used industrial or commercial property where expansion or redevelopment is complicated by known or potential releases of hazardous substances and/or petroleum.

Date of Government Version: 09/20/2011
Date Data Arrived at EDR: 09/21/2011
Date Made Active in Reports: 09/28/2011
Number of Days to Update: 7

Source: Ohio EPA
Telephone: 614-644-3748
Last EDR Contact: 09/21/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 06/27/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/27/2011	Telephone: 202-566-2777
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 09/28/2011
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/26/2011
Number of Days to Update: 137	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

HIST LF: Old Solid Waste Landfill

A list of about 1200 old abandoned dumps or landfills. This database was developed from Ohio EPA staff notebooks and other information dating from the mid-1970s

Date of Government Version: 01/01/1980	Source: Ohio EPA
Date Data Arrived at EDR: 07/01/2003	Telephone: 614-644-3749
Date Made Active in Reports: 07/17/2003	Last EDR Contact: 06/26/2003
Number of Days to Update: 16	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SWRCY: Recycling Facility Listing

A listing of recycling facility locations.

Date of Government Version: 07/07/2011	Source: Ohio EPA
Date Data Arrived at EDR: 07/22/2011	Telephone: 614-728-5357
Date Made Active in Reports: 08/09/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 18	Next Scheduled EDR Contact: 01/30/2012
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998

Date Data Arrived at EDR: 12/03/2007

Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245

Last EDR Contact: 11/07/2011

Next Scheduled EDR Contact: 02/20/2012

Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 06/08/2011

Date Data Arrived at EDR: 09/16/2011

Date Made Active in Reports: 09/29/2011

Number of Days to Update: 13

Source: Drug Enforcement Administration

Telephone: 202-307-1000

Last EDR Contact: 12/05/2011

Next Scheduled EDR Contact: 03/19/2012

Data Release Frequency: Quarterly

CDL: Clandestine Drug Lab Locations

A list of clandestine drug lab sites with environmental impact. This list is extracted from the SPILLS database based on the "product" type.

Date of Government Version: 12/31/2009

Date Data Arrived at EDR: 02/19/2010

Date Made Active in Reports: 03/09/2010

Number of Days to Update: 18

Source: Ohio EPA

Telephone: 614-644-2080

Last EDR Contact: 11/14/2011

Next Scheduled EDR Contact: 02/27/2012

Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007

Date Data Arrived at EDR: 11/19/2008

Date Made Active in Reports: 03/30/2009

Number of Days to Update: 131

Source: Drug Enforcement Administration

Telephone: 202-307-1000

Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009

Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

ARCHIVE UST: Archived Underground Storage Tank Sites

Underground storage tank records that have been removed from the Underground Storage Tank database.

Date of Government Version: 09/16/2011

Date Data Arrived at EDR: 09/16/2011

Date Made Active in Reports: 09/28/2011

Number of Days to Update: 12

Source: Department of Commerce, Division of State Fire Marshal

Telephone: 614-752-7938

Last EDR Contact: 12/12/2011

Next Scheduled EDR Contact: 03/05/2012

Data Release Frequency: Quarterly

Local Land Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 09/09/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/16/2011	Telephone: 202-564-6023
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/22/2011
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/05/2012
	Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 10/04/2011	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/04/2011	Telephone: 202-366-4555
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 10/04/2011
Number of Days to Update: 38	Next Scheduled EDR Contact: 01/16/2012
	Data Release Frequency: Annually

SPILLS: Emergency Response Database

Incidents reported to the Emergency Response Unit. The focus of the ER program is to minimize the impact on the environment from accidental releases, spills, and unauthorized discharges from any fixed or mobile sources. Incidents involving petroleum products, hazardous materials, hazardous waste, abandoned drums, or other materials which may pose as a pollution threat to the state's water, land, or air should be reported immediately. Not all incidents included in the database are actual SPILLS, they can simply be reported incidents.

Date of Government Version: 05/30/2011	Source: Ohio EPA
Date Data Arrived at EDR: 06/01/2011	Telephone: 614-644-2084
Date Made Active in Reports: 06/28/2011	Last EDR Contact: 11/14/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/27/2012
	Data Release Frequency: Varies

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/15/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/07/2011	Telephone: 312-886-6186
Date Made Active in Reports: 08/08/2011	Last EDR Contact: 10/05/2011
Number of Days to Update: 32	Next Scheduled EDR Contact: 01/16/2012
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/29/2011

Date Data Arrived at EDR: 08/09/2011

Date Made Active in Reports: 11/11/2011

Number of Days to Update: 94

Source: Department of Transportation, Office of Pipeline Safety

Telephone: 202-366-4595

Last EDR Contact: 11/08/2011

Next Scheduled EDR Contact: 02/20/2012

Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005

Date Data Arrived at EDR: 11/10/2006

Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747

Last EDR Contact: 10/20/2011

Next Scheduled EDR Contact: 01/30/2012

Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009

Date Data Arrived at EDR: 08/12/2010

Date Made Active in Reports: 12/02/2010

Number of Days to Update: 112

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285

Last EDR Contact: 12/09/2011

Next Scheduled EDR Contact: 03/26/2012

Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/01/2011

Date Data Arrived at EDR: 08/19/2011

Date Made Active in Reports: 09/29/2011

Number of Days to Update: 41

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 10/03/2011

Next Scheduled EDR Contact: 01/16/2012

Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/31/2011

Date Data Arrived at EDR: 09/14/2011

Date Made Active in Reports: 09/29/2011

Number of Days to Update: 15

Source: EPA

Telephone: 703-416-0223

Last EDR Contact: 12/14/2011

Next Scheduled EDR Contact: 03/26/2012

Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010

Date Data Arrived at EDR: 10/21/2010

Date Made Active in Reports: 01/28/2011

Number of Days to Update: 99

Source: Department of Energy

Telephone: 505-845-0011

Last EDR Contact: 11/29/2011

Next Scheduled EDR Contact: 03/12/2012

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/07/2011
Next Scheduled EDR Contact: 03/19/2012
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/17/2010
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 94

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 12/02/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/27/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 11/28/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 11/28/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 01/07/2011
Date Data Arrived at EDR: 01/21/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 59

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/19/2011
Next Scheduled EDR Contact: 01/30/2012
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 12/12/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/13/2011	Telephone: 202-343-9775
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 10/13/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/23/2012
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/14/2010	Source: EPA
Date Data Arrived at EDR: 04/16/2010	Telephone: (312) 353-2000
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 12/13/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 03/26/2012
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009	Source: EPA/NTIS
Date Data Arrived at EDR: 03/01/2011	Telephone: 800-424-9346
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 11/30/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/12/2012
	Data Release Frequency: Biennially

TOWNGAS: DERR Towngas Database

The database includes 82 very old sites (circa 1895) which produced gas from coal for street lighting. Most visual evidence of these sites has disappeared, however the potential for buried coal tar remains. The database is no longer in active use.

Date of Government Version: 07/28/1992	Source: Ohio EPA
Date Data Arrived at EDR: 02/21/2003	Telephone: 614-644-3749
Date Made Active in Reports: 03/05/2003	Last EDR Contact: 02/12/2003
Number of Days to Update: 12	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: Underground Injection Wells Listing

A listing of underground injection well locations.

Date of Government Version: 08/22/2011	Source: Ohio EPA
Date Data Arrived at EDR: 08/23/2011	Telephone: 614-644-2752
Date Made Active in Reports: 09/27/2011	Last EDR Contact: 11/28/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/27/2012
	Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaner facility locations.

Date of Government Version: 10/05/2011	Source: Ohio EPA
Date Data Arrived at EDR: 10/06/2011	Telephone: 614-644-3469
Date Made Active in Reports: 10/31/2011	Last EDR Contact: 10/03/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 01/16/2012
	Data Release Frequency: Varies

NPDES: NPDES General Permit List

General information regarding NPDES (National Pollutant Discharge Elimination System) permits.

Date of Government Version: 08/17/2011	Source: Ohio EPA
Date Data Arrived at EDR: 08/18/2011	Telephone: 614-644-2031
Date Made Active in Reports: 09/27/2011	Last EDR Contact: 11/16/2011
Number of Days to Update: 40	Next Scheduled EDR Contact: 02/27/2012
	Data Release Frequency: Semi-Annually

AIRS: Title V Permits Listing

A listing of Title V Permits issued by the Division of Air Pollution Control. It is a federal operating permit program adopted and implemented by the state. The basic program elements typically specify that major sources will submit an operating application to the specified state environmental regulatory agency according to a schedule.

Date of Government Version: 09/27/2011	Source: Ohio EPA
Date Data Arrived at EDR: 09/27/2011	Telephone: 614-644-2270
Date Made Active in Reports: 11/07/2011	Last EDR Contact: 09/26/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: Varies

USD: Urban Setting Designation Sites

A USD may be requested for properties participating in the VAP when there is no current or future use of the ground water by local residents for drinking, showering, bathing or cooking. In these areas, an approved USD would lower the cost of cleanup and promote economic redevelopment while still protecting public health and safety. If these USDs were to be approved, the ground water cleanup or response requirements for the areas could be lessened. The Ohio EPA director may approve a USD request based on a demonstration that the USD requirements are met and an evaluation of existing and future uses of ground water in the area. The Ohio EPA director's decision on approval or denial of the request is needed before cleanup requirements for the site can be determined.

Date of Government Version: 08/17/2011	Source: Ohio EPA
Date Data Arrived at EDR: 08/18/2011	Telephone: 614-644-3749
Date Made Active in Reports: 09/28/2011	Last EDR Contact: 11/14/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/27/2012
	Data Release Frequency: Varies

HIST USD: Urban Setting Designations Database

A USD may be requested for properties participating in the VAP when there is no current or future use of the ground water by local residents for drinking, showering, bathing or cooking. In these areas, an approved USD would lower the cost of cleanup and promote economic redevelopment while still protecting public health and safety. If these USDs were to be approved, the ground water cleanup or response requirements for the areas could be lessened. The Ohio EPA director may approve a USD request based on a demonstration that the USD requirements are met and an evaluation of existing and future uses of ground water in the area. The Ohio EPA director's decision on approval or denial of the request is needed before cleanup requirements for the site can be determined. This database is no longer updated or maintained by the state agency.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/10/2005
Date Data Arrived at EDR: 04/25/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 16

Source: Ohio EPA
Telephone: 614-644-3749
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/20/2011
Next Scheduled EDR Contact: 01/30/2012
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 10/24/2011
Next Scheduled EDR Contact: 02/06/2012
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/08/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/04/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 12/08/2011
Next Scheduled EDR Contact: 01/30/2012
Data Release Frequency: Varies

FINANCIAL ASSURANCE: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 10/20/2011
Date Data Arrived at EDR: 10/20/2011
Date Made Active in Reports: 10/31/2011
Number of Days to Update: 11

Source: Ohio EPA
Telephone: 614-644-2955
Last EDR Contact: 10/17/2011
Next Scheduled EDR Contact: 01/30/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 01/23/2009

Date Data Arrived at EDR: 06/26/2009

Date Made Active in Reports: 07/06/2009

Number of Days to Update: 10

Source: Ohio EPA

Telephone: 614-644-2134

Last EDR Contact: 10/17/2011

Next Scheduled EDR Contact: 01/30/2012

Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005

Date Data Arrived at EDR: 02/06/2006

Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey

Telephone: 888-275-8747

Last EDR Contact: 10/20/2011

Next Scheduled EDR Contact: 01/30/2012

Data Release Frequency: N/A

CRO: Cessation of Regulated Operations Facility Listing

"Cessation of Regulated Operations" means the discontinuation or termination of regulated operations or the finalizing of any transaction or proceeding through which those operations are discontinued. "Regulated Operations" means the production, use, storage or handling of regulated substances.

Date of Government Version: 06/17/2011

Date Data Arrived at EDR: 08/23/2011

Date Made Active in Reports: 09/27/2011

Number of Days to Update: 35

Source: Ohio EPA

Telephone: 614-644-3065

Last EDR Contact: 11/18/2011

Next Scheduled EDR Contact: 02/27/2012

Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/22/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 07/20/2011
Date Made Active in Reports: 08/11/2011
Number of Days to Update: 22

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/18/2011
Next Scheduled EDR Contact: 01/30/2012
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2011
Date Data Arrived at EDR: 08/09/2011
Date Made Active in Reports: 09/16/2011
Number of Days to Update: 38

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/08/2011
Next Scheduled EDR Contact: 02/20/2012
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/14/2009
Number of Days to Update: 13

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 06/24/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 6

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/28/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 08/11/2011
Date Data Arrived at EDR: 08/26/2011
Date Made Active in Reports: 09/14/2011
Number of Days to Update: 19

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 10/24/2011
Next Scheduled EDR Contact: 02/06/2012
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/15/2011
Number of Days to Update: 27

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Child Day Care Facilities

Source: Department of Job & Family Services

Telephone: 614-466-6282

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 614-265-1044

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

WARNACKE DUMP
OHIO STATE ROUTE 101 W/SOUTH MAIN STREET
CLYDE, OH 43410

TARGET PROPERTY COORDINATES

Latitude (North):	41.26160 - 41° 15' 41.8"
Longitude (West):	82.9745 - 82° 58' 28.2"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	334591.0
UTM Y (Meters):	4569465.5
Elevation:	763 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	41082-C8 CLYDE, OH
Most Recent Revision:	1969
South Map:	41082-B8 FIRESIDE, OH
Most Recent Revision:	1977

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

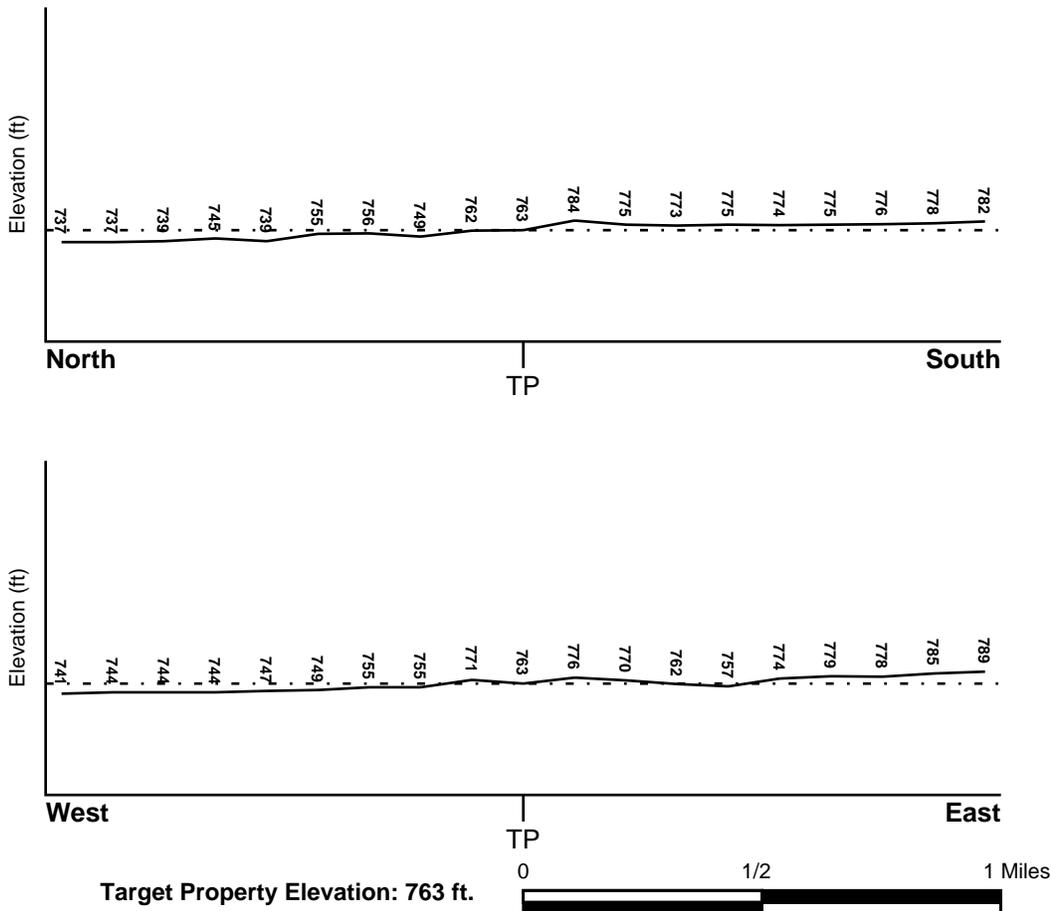
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u> SANDUSKY, OH	<u>FEMA Flood Electronic Data</u> Not Available
---	--

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> CLYDE	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
---	---

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

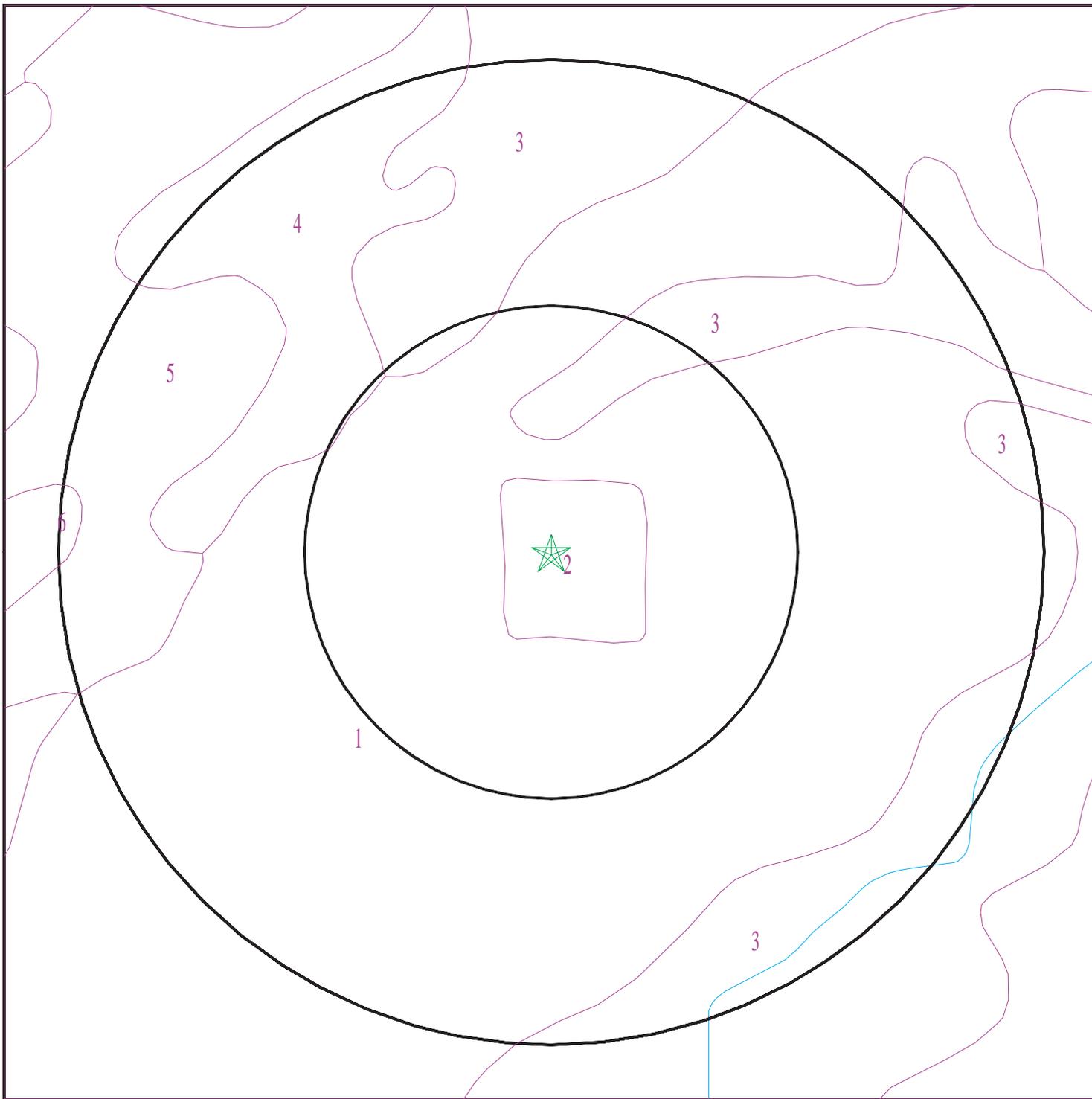
Era: Paleozoic
System: Silurian
Series: Upper Silurian (Cayugan)
Code: S3 (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

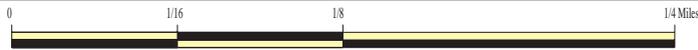
Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 3225018.13s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Warnacke Dump
ADDRESS: Ohio State Route 101 W/South Main Street
Clyde OH 43410
LAT/LONG: 41.2616 / 82.9745

CLIENT: Weston Solutions, Inc.
CONTACT: TJ Mcfarland
INQUIRY #: 3225018.13s
DATE: December 15, 2011 10:32 am

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Belmore

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141.14 Min: 42.34	Max: 8.4 Min: 7.4
2	7 inches	11 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141.14 Min: 42.34	Max: 8.4 Min: 7.4
3	11 inches	29 inches	gravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141.14 Min: 42.34	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
4	29 inches	59 inches	gravelly loamy sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141.14 Min: 42.34	Max: 8.4 Min: 7.4

Soil Map ID: 2

Soil Component Name: Pits

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 3

Soil Component Name: Kibbie

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat poorly drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 8.4 Min: 7.4
2	9 inches	24 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 8.4 Min: 7.4
3	24 inches	59 inches	sr to silt loam to fine sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 8.4 Min: 7.4

Soil Map ID: 4

Soil Component Name: Colwood

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Very poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14.11 Min: 4.23	Max: 8.4 Min: 6.1
2	11 inches	64 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14.11 Min: 4.23	Max: 8.4 Min: 6.1

Soil Map ID: 5

Soil Component Name: Spinks

Soil Surface Texture: fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 8.4 Min: 5.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	3 inches	20 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 8.4 Min: 5.6
3	20 inches	55 inches	stratified fine sand to loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 8.4 Min: 5.6
4	55 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 8.4 Min: 5.6

Soil Map ID: 6

Soil Component Name: Tedrow

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 8.4 Min: 5.6
2	7 inches	59 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 8.4 Min: 5.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
B15	USGS2301649	1/4 - 1/2 Mile WSW
72	USGS2301654	1/2 - 1 Mile North

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
6	OH3902103	1/4 - 1/2 Mile SW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
--------	---------	---------------------

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

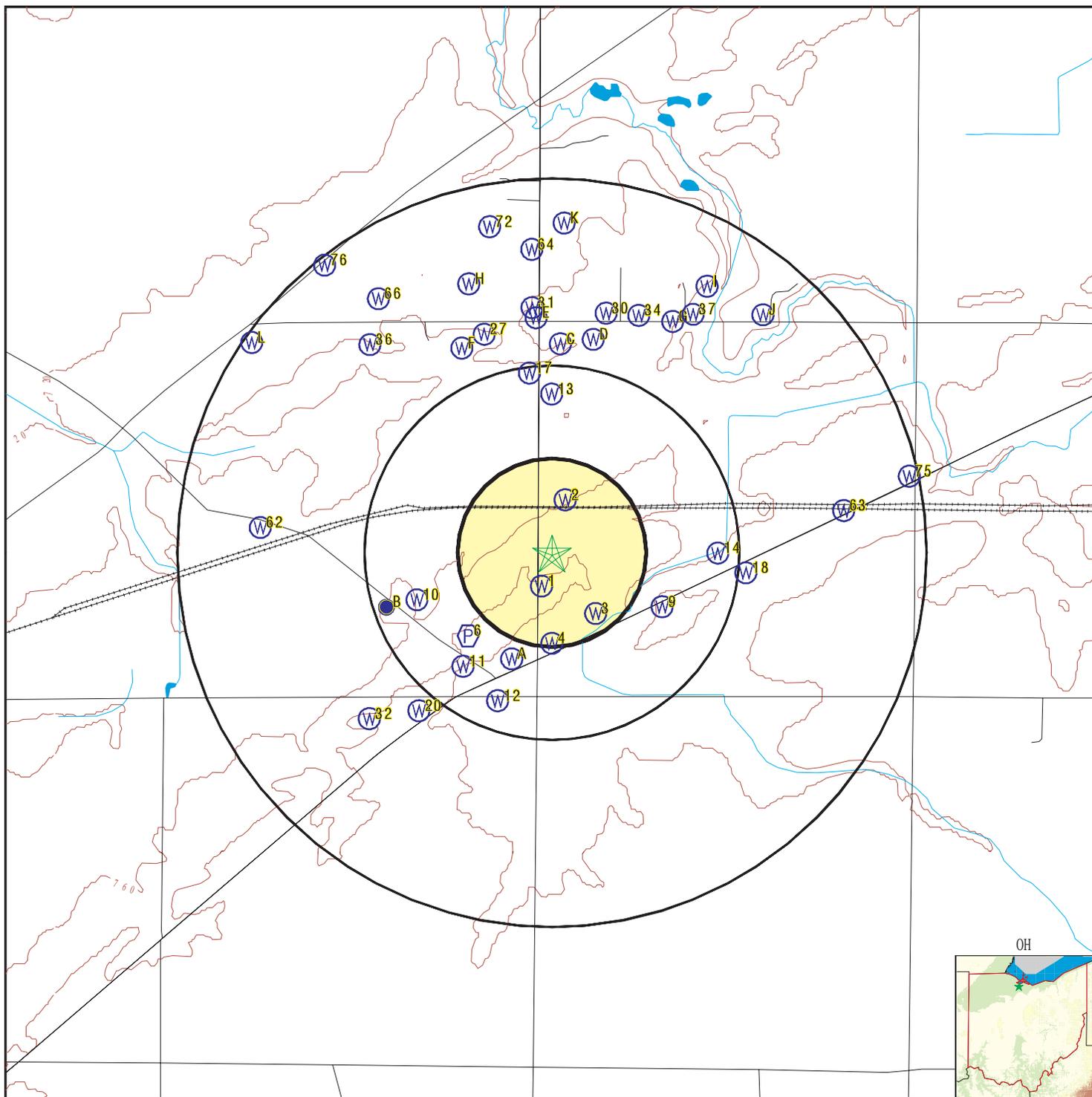
MAP ID	WELL ID	LOCATION FROM TP
1	OHD500000670397	0 - 1/8 Mile SSW
2	OHD500000380637	1/8 - 1/4 Mile NNE
3	OHD500000659291	1/8 - 1/4 Mile SE
4	OHD500000380638	1/8 - 1/4 Mile South
A5	OHD500000789771	1/4 - 1/2 Mile SSW
A7	OHD500000380632	1/4 - 1/2 Mile SSW
A8	OHD500000787966	1/4 - 1/2 Mile SSW
9	OHD500000381413	1/4 - 1/2 Mile ESE
10	OHD500000380631	1/4 - 1/2 Mile WSW
11	OHD500000385184	1/4 - 1/2 Mile SW
12	OHD500000697798	1/4 - 1/2 Mile SSW
13	OHD500000381412	1/4 - 1/2 Mile North
14	OHD500000721207	1/4 - 1/2 Mile East
B16	OHD500000380630	1/4 - 1/2 Mile WSW
17	OHD500000788657	1/4 - 1/2 Mile North
18	OHD500000674393	1/2 - 1 Mile East
C19	OHD500000380634	1/2 - 1 Mile North
20	OHD500000782508	1/2 - 1 Mile SW
D21	OHD500000381411	1/2 - 1 Mile North
E22	OHD500000380633	1/2 - 1 Mile North
F23	OHD500000381409	1/2 - 1 Mile NNW
C24	OHD500000380635	1/2 - 1 Mile North
D25	OHD500000688100	1/2 - 1 Mile NNE
F26	OHD500000778694	1/2 - 1 Mile NNW
27	OHD500000385186	1/2 - 1 Mile NNW
E28	OHD500000691911	1/2 - 1 Mile North
E29	OHD500000777765	1/2 - 1 Mile North
30	OHD500000385188	1/2 - 1 Mile NNE
31	OHD500000778691	1/2 - 1 Mile North
32	OHD500000376461	1/2 - 1 Mile SW
G33	OHD500000673805	1/2 - 1 Mile NNE
34	OHD500000778692	1/2 - 1 Mile NNE
G35	OHD500000385180	1/2 - 1 Mile NNE
36	OHD500000673801	1/2 - 1 Mile NW
37	OHD500000671923	1/2 - 1 Mile NNE
H38	OHD500000379892	1/2 - 1 Mile NNW
H39	OHD500000379891	1/2 - 1 Mile NNW
H40	OHD500000379890	1/2 - 1 Mile NNW
H41	OHD500000379895	1/2 - 1 Mile NNW
H42	OHD500000379894	1/2 - 1 Mile NNW
H43	OHD500000379893	1/2 - 1 Mile NNW
H44	OHD500000379886	1/2 - 1 Mile NNW
H45	OHD500000379885	1/2 - 1 Mile NNW
H46	OHD500000379884	1/2 - 1 Mile NNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

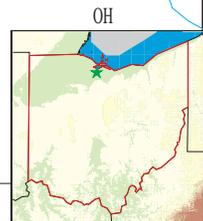
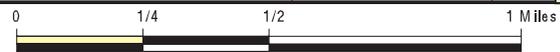
MAP ID	WELL ID	LOCATION FROM TP
H47	OHD500000379889	1/2 - 1 Mile NNW
H48	OHD500000379888	1/2 - 1 Mile NNW
H49	OHD500000379887	1/2 - 1 Mile NNW
H50	OHD500000671928	1/2 - 1 Mile NNW
H51	OHD500000671926	1/2 - 1 Mile NNW
H52	OHD500000671925	1/2 - 1 Mile NNW
H53	OHD500000787965	1/2 - 1 Mile NNW
H54	OHD500000778693	1/2 - 1 Mile NNW
H55	OHD500000671929	1/2 - 1 Mile NNW
H56	OHD500000379898	1/2 - 1 Mile NNW
H57	OHD500000379897	1/2 - 1 Mile NNW
H58	OHD500000379896	1/2 - 1 Mile NNW
H59	OHD500000379901	1/2 - 1 Mile NNW
H60	OHD500000379900	1/2 - 1 Mile NNW
H61	OHD500000379899	1/2 - 1 Mile NNW
62	OHD500000379909	1/2 - 1 Mile West
63	OHD500000693515	1/2 - 1 Mile East
64	OHD500000379143	1/2 - 1 Mile North
I65	OHD500000786798	1/2 - 1 Mile NNE
66	OHD500000379140	1/2 - 1 Mile NW
I67	OHD500000379882	1/2 - 1 Mile NNE
J68	OHD500000379883	1/2 - 1 Mile NE
K69	OHD500000381408	1/2 - 1 Mile North
J70	OHD500000381410	1/2 - 1 Mile NE
K71	OHD500000379881	1/2 - 1 Mile North
K73	OHD500000379880	1/2 - 1 Mile North
L74	OHD500000705370	1/2 - 1 Mile NW
75	OHD500000380639	1/2 - 1 Mile ENE
76	OHD500000649595	1/2 - 1 Mile NW
L77	OHD500000789769	1/2 - 1 Mile WNW

PHYSICAL SETTING SOURCE MAP - 3225018.13s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location



SITE NAME: Warnacke Dump
ADDRESS: Ohio State Route 101 W/South Main Street
 Clyde OH 43410
LAT/LONG: 41.2616 / 82.9745

CLIENT: Weston Solutions, Inc.
CONTACT: TJ Mcfarland
INQUIRY #: 3225018.13s
DATE: December 15, 2011 10:32 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1		
SSW		OH WELLS
0 - 1/8 Mile		OHD500000670397
Higher		

Well log n:	320762		
Well type :	W		
End user i:	2206		
Cnty code:	143	Twp code:	1100
Orig owner:	CHARLES	Orig own 1:	GREEN
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	237		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	35		
St dir cod:	S		
St no:	2188		
St name:	101	St type co:	SR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	Not Reported		
Horiz x:	0		
Horiz y:	0		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.26031		
Longitude:	-82.97503		
Source of :	GEOCODE	Flowing we:	N
Test rate:	15		
Draw down:	0		
S water le:	16		
S water me:	Not Reported	S water 1:	03/17/1965
Cas ht:	0		
Screen len:	0		
Total dept:	40		
Date of co:	03/24/1965	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000670397		

2
NNE
1/8 - 1/4 Mile
Lower

OH WELLS OHD500000380637

Well log n:	266826		
Well type :	W		
End user i:	1178		
Cnty code:	143	Twp code:	1100
Orig owner:	BOB	Orig own 1:	CROCKETT
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	244		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	36		
St dir cod:	S		
St no:	2333		
St name:	101	St type co:	SR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1869689.95		
Horiz y:	582125.39		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.263594		
Longitude:	-82.973903		
Source of :	digitized	Flowing we:	N
Test rate:	10		
Draw down:	0		
S water le:	31		
S water me:	Not Reported	S water 1:	08/26/1963
Cas ht:	0		
Screen len:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total dept:	78	Located in:	Y
Date of co:	08/26/1963		
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000380637		

**3
SE
1/8 - 1/4 Mile
Higher**

OH WELLS OHD500000659291

Well log n:	118584		
Well type :	W		
End user i:	1178		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	KUNS
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	LST
Loc map ye:	1960	Loc area:	Not Reported
Loc no:	47		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	0		
St name:	101/COUNTY LINE	St type co:	SR
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1870109.71		
Horiz y:	580519.4		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Vert acc u:	Not Reported		
Latitude:	41.259193		
Longitude:	-82.972344		
Source of :	digitized	Flowing we:	N
Test rate:	10		
Draw down:	5		
S water le:	28		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		
Total dept:	58		
Date of co:	11/02/1953	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000659291		

4

**South
1/8 - 1/4 Mile
Higher**

OH WELLS

OHD500000380638

Well log n:	470882		
Well type :	W		
End user i:	1178		
Cnty code:	143	Twp code:	1100
Orig owner:	KENNY	Orig own 1:	KUMS
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	245		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	36		
St dir cod:	Not Reported		
St no:	0		
St name:	177	St type co:	CR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zone code:	S		
Horiz x:	1869491.82		
Horiz y:	580102.14		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.258038		
Longitude:	-82.974584		
Source of :	digitized	Flowing we:	N
Test rate:	10		
Draw down:	0		
S water le:	22		
S water me:	Not Reported	S water 1:	07/30/1975
Cas ht:	0		
Screen len:	0		
Total dept:	83		
Date of co:	07/30/1975	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000380638		

**A5
SSW
1/4 - 1/2 Mile
Higher**

OH WELLS OHD500000789771

Well log n:	118585		
Well type :	W		
End user i:	1178		
Cnty code:	143	Twp code:	1100
Orig owner:	FRANK	Orig own 1:	FARVER
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	LST
Loc map ye:	1960	Loc area:	Not Reported
Loc no:	46		
Sub name:	Not Reported	Sub map ye:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	0		
St name:	101/COUNTY LINE	St type co:	SR
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1869128.53		
Horiz y:	579972.36		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.257677		
Longitude:	-82.975902		
Source of :	digitized	Flowing we:	N
Test rate:	10		
Draw down:	5		
S water le:	26		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		
Total dept:	54		
Date of co:	11/03/1953	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000789771		

6
SW
1/4 - 1/2 Mile
Higher

FRDS PWS OH3902103

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	OH3902103	Epa region:	05
State:	OH	County:	Huron
Pws name:	OWNER, HAMMILL WATER HAULING		
Population Served:	250	Pwssvcconn:	0
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Closed	Owner type:	Private
Facility id:	1		
Facility name:	BELLEVUE PWS		
Facility type:	Consecutive_connection	Treatment process:	chlorination (frds-1.5)
Treatment objective:	disinfection		
Contact name:	OWNER, HAMMILL WATER HAULING		
Original name:	Not Reported		
Contact phone:	419-483-6888	Contact address1:	Not Reported
Contact address2:	BOX 5298, ST.RT.4		
Contact city:	BELLEVUE		
Contact zip:	44811		

Pwsid:	OH3902103	Epa region:	05
State:	OH	County:	Huron
Pws name:	OWNER, HAMMILL WATER HAULING		
Population Served:	250	Pwssvcconn:	0
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Closed	Owner type:	Private
Facility id:	1T		
Facility name:	BELLEVUE PWS		
Facility type:	Treatment_plant	Treatment process:	chlorination (frds-1.5)
Treatment objective:	disinfection		
Contact name:	OWNER, HAMMILL WATER HAULING		
Original name:	Not Reported		
Contact phone:	419-483-6888	Contact address1:	Not Reported
Contact address2:	BOX 5298, ST.RT.4		
Contact city:	BELLEVUE		
Contact zip:	44811		

Pwsid:	OH3902103	Epa region:	05
State:	OH	County:	Huron
Pws name:	OWNER, HAMMILL WATER HAULING		
Population Served:	250	Pwssvcconn:	0
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Closed	Owner type:	Private
Facility id:	2		
Facility name:	CLYDE PWS		
Facility type:	Consecutive_connection	Treatment process:	chlorination (frds-1.5)
Treatment objective:	disinfection		
Contact name:	OWNER, HAMMILL WATER HAULING		
Original name:	Not Reported		
Contact phone:	419-483-6888	Contact address1:	Not Reported
Contact address2:	BOX 5298, ST.RT.4		
Contact city:	BELLEVUE		
Contact zip:	44811		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid: OH3902103 Epa region: 05
 State: OH County: Huron
 Pws name: OWNER, HAMMILL WATER HAULING
 Population Served: 250 Pwssvconn: 0
 PWS Source: Purch_surface_water
 Pws type: CWS
 Status: Closed Owner type: Private
 Facility id: 2
 Facility name: CLYDE PWS
 Facility type: Consecutive_connection Treatment process: chlorination (frds-1.5)
 Treatment objective: disinfection
 Contact name: OWNER, HAMMILL WATER HAULING
 Original name: Not Reported
 Contact phone: 419-483-6888 Contact address1: Not Reported
 Contact address2: BOX 5298, ST.RT.4
 Contact city: BELLEVUE
 Contact zip: 44811

Pwsid: OH3902103 Epa region: 05
 State: OH County: Huron
 Pws name: OWNER, HAMMILL WATER HAULING
 Population Served: 250 Pwssvconn: 0
 PWS Source: Purch_surface_water
 Pws type: CWS
 Status: Closed Owner type: Private
 Facility id: 2T
 Facility name: CLYDE PWS
 Facility type: Treatment_plant Treatment process: chlorination (frds-1.5)
 Treatment objective: disinfection
 Contact name: OWNER, HAMMILL WATER HAULING
 Original name: Not Reported
 Contact phone: 419-483-6888 Contact address1: Not Reported
 Contact address2: BOX 5298, ST.RT.4
 Contact city: BELLEVUE
 Contact zip: 44811

PWS ID: OH3902103
 Date Initiated: 7803 Date Deactivated: Not Reported
 PWS Name: OWNER, HAMMILL WATER HAULING
 BOX 5298, ST.RT.4
 BELLEVUE, OH 44811

Addressee / Facility: System Owner/Responsible Party
 HAMMILL WATER HAULING -HUR
 BOX 5298, ST.RT.4
 BELLEVUE, OH 44811

Facility Latitude: 41 15 30 Facility Longitude: 082 58 44
 Facility Latitude: 41 18 41 Facility Longitude: 082 49 37
 City Served: N.W. HURON CO.
 Treatment Class: Treated Population: 00000250

Violations information not reported.

A7
SSW
1/4 - 1/2 Mile
Higher

OH WELLS OHD500000380632

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	394198		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	FRANK	Orig own 1:	FARVER
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	236		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	35		
St dir cod:	Not Reported		
St no:	4024		
St name:	195	St type co:	TR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1868753.73		
Horiz y:	1186918.4		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.257314		
Longitude:	-82.977011		
Source of :	Digitized	Flowing we:	N
Test rate:	30		
Draw down:	15		
S water le:	35		
S water me:	Not Reported	S water 1:	07/09/1969
Cas ht:	0		
Screen len:	0		
Total dept:	70		
Date of co:	07/09/1969	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well drill: Not Reported Subcon odh: Not Reported
 Site id: OHD500000380632

**A8
 SSW
 1/4 - 1/2 Mile
 Higher**

OH WELLS OHD500000787966

Well log n:	301388		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	FRANK	Orig own 1:	FARVER
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	236		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	35		
St dir cod:	Not Reported		
St no:	4024		
St name:	195	St type co:	TR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1868753.73		
Horiz y:	1186918.4		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.257314		
Longitude:	-82.977011		
Source of :	Digitized	Flowing we:	N
Test rate:	15		
Draw down:	20		
S water le:	26		
S water me:	Not Reported	S water 1:	02/01/1964
Cas ht:	0		
Screen len:	0		
Total dept:	54		
Date of co:	02/01/1964	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000787966		

9
ESE
1/4 - 1/2 Mile
Higher

OH WELLS OHD500000381413

Well log n:	166392		
Well type :	W		
End user i:	2144		
Cnty code:	143	Twp code:	1100
Orig owner:	K	Orig own 1:	KUNS
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	LST
Loc map ye:	1960	Loc area:	Not Reported
Loc no:	49		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	0		
St name:	COUNTY LINE	St type co:	SR
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1871047.21		
Horiz y:	580609.76		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.259455		
Longitude:	-82.968936		
Source of :	digitized	Flowing we:	N
Test rate:	14		
Draw down:	5		
S water le:	35		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total dept:	70	Located in:	Y
Date of co:	01/24/1956		
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000381413		

10
WSW
1/4 - 1/2 Mile
Lower

OH WELLS OHD500000380631

Well log n:	550442		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	KENNETH	Orig own 1:	ROHDE
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	235		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	35		
St dir cod:	Not Reported		
St no:	3924		
St name:	195	St type co:	CR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1867593.45		
Horiz y:	580725.78		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Vert acc u:	Not Reported		
Latitude:	41.259722		
Longitude:	-82.981501		
Source of :	digitized	Flowing we:	N
Test rate:	25		
Draw down:	0		
S water le:	40		
S water me:	Not Reported	S water 1:	04/03/1979
Cas ht:	0		
Screen len:	0		
Total dept:	75		
Date of co:	04/03/1979	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000380631		

**11
SW
1/4 - 1/2 Mile
Higher**

OH WELLS OHD500000385184

Well log n:	40389		
Well type :	W		
End user i:	2285		
Cnty code:	143	Twp code:	1100
Orig owner:	FRANK	Orig own 1:	FARMER
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	LST
Loc map ye:	1945	Loc area:	Not Reported
Loc no:	271		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	35		
St dir cod:	Not Reported		
St no:	0		
St name:	RUSSELL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zone code:	S		
Horiz x:	1868236.92		
Horiz y:	579785.25		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.25715		
Longitude:	-82.979141		
Source of :	digitized	Flowing we:	N
Test rate:	0		
Draw down:	0		
S water le:	26		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		
Total dept:	61		
Date of co:	01/20/1950	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000385184		

**12
SSW
1/4 - 1/2 Mile
Higher**

OH WELLS OHD500000697798

Well log n:	987502		
Well type :	W		
End user i:	673		
Cnty code:	143	Twp code:	1100
Orig owner:	JONATHAN	Orig own 1:	MCKEE
Drill type:	R	Test type :	P
Well use c:	D	Aquifer ty:	Not Reported
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sub no:	Not Reported	Permit no:	034-05
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	3950		
St name:	113	St type co:	CR
Sec add:	Not Reported		
Sec add no:	0		
City:	GREEN SPRINGS	State code:	OH
Zip:	44836		
Zone code:	Not Reported		
Horiz x:	0		
Horiz y:	0		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.25587		
Longitude:	-82.97728		
Source of :	GEOCODE	Flowing we:	Not Reported
Test rate:	20		
Draw down:	10		
S water le:	40		
S water me:	T	S water 1:	04/28/2005
Cas ht:	1		
Screen len:	0		
Total dept:	81		
Date of co:	04/28/2005	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	20		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000697798		

13
North
1/4 - 1/2 Mile
Lower

OH WELLS OHD500000381412

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	195727		
Well type :	W		
End user i:	2057		
Cnty code:	143	Twp code:	1100
Orig owner:	JOHN	Orig own 1:	ZELLER
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	LST
Loc map ye:	1960	Loc area:	Not Reported
Loc no:	48		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	0		
St name:	101	St type co:	SR
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1869507.75		
Horiz y:	583617.76		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.267688		
Longitude:	-82.974595		
Source of :	digitized	Flowing we:	N
Test rate:	0		
Draw down:	0		
S water le:	20		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		
Total dept:	45		
Date of co:	07/23/1957	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well drill: Not Reported Subcon odh: Not Reported
 Site id: OHD500000381412

**14
 East
 1/4 - 1/2 Mile
 Lower**

OH WELLS OHD500000721207

Well log n:	995499		
Well type :	W		
End user i:	673		
Cnty code:	143	Twp code:	1100
Orig owner:	LORIA	Orig own 1:	HAHN
Drill type:	R	Test type :	A
Well use c:	D	Aquifer ty:	Not Reported
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	01405
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	4362		
St name:	177	St type co:	CR
Sec add:	Not Reported		
Sec add no:	0		
City:	GREEN SPRINGS	State code:	OH
Zip:	44836		
Zone code:	S		
Horiz x:	1871768.47		
Horiz y:	1188439.56		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	871		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.26153		
Longitude:	-82.96608		
Source of :	GPS	Flowing we:	Not Reported
Test rate:	20		
Draw down:	4		
S water le:	25	S water 1:	01/02/2006
S water me:	T		
Cas ht:	1		
Screen len:	0		
Total dept:	85		
Date of co:	02/02/2006	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sustained :	20		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000721207		

B15
WSW
1/4 - 1/2 Mile
Lower

FED USGS USGS2301649

Agency cd:	USGS	Site no:	411534082585900
Site name:	S-149-G35		
Latitude:	411534	EDR Site id:	USGS2301649
Longitude:	0825859	Dec lat:	41.25949838
Dec lon:	-82.98296973	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	39
State:	39	County:	143
Country:	US	Land net:	Not Reported
Location map:	CLYDE	Map scale:	24000
Altitude:	760.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Sandusky. Ohio. Area = 1850 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19640203
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	SILURIAN SYSTEM		
Well depth:	63.	Hole depth:	63.
Source of depth data:	driller		
Project number:	443908500		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1986-04-17	Water quality data count:	0
Ground water data count:	3	Ground water data end date:	1987-01-29

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1987-01-29	31.32		1986-07-08	32.72	
1986-04-17	31.89				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

B16
WSW
1/4 - 1/2 Mile
Lower

OH WELLS OHD500000380630

Well log n:	301389		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	ALBERT	Orig own 1:	ROHDE
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	234		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	35		
St dir cod:	Not Reported		
St no:	3921		
St name:	195	St type co:	CR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1867160.03		
Horiz y:	580626.38		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.259442		
Longitude:	-82.983075		
Source of :	digitized	Flowing we:	N
Test rate:	30		
Draw down:	5		
S water le:	36		
S water me:	Not Reported	S water 1:	02/03/1964
Cas ht:	0		
Screen len:	0		
Total dept:	63		
Date of co:	02/04/1964	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000380630		

17
North
1/4 - 1/2 Mile
Lower

OH WELLS OHD500000788657

Well log n:	40363		
Well type :	W		
End user i:	2285		
Cnty code:	143	Twp code:	1100
Orig owner:	C	Orig own 1:	GREEN
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	LST
Loc map ye:	1945	Loc area:	Not Reported
Loc no:	104		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	0		
St name:	101	St type co:	SR
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1869196.21		
Horiz y:	583915.18		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.268499		
Longitude:	-82.975734		
Source of :	digitized	Flowing we:	N
Test rate:	20		
Draw down:	2		
S water le:	28		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total dept:	45	Located in:	Y
Date of co:	08/27/1948		
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000788657		

**18
East
1/2 - 1 Mile
Higher**

OH WELLS OHD500000674393

Well log n:	524071		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	RANDY	Orig own 1:	DAVENPORT
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	246		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	36		
St dir cod:	Not Reported		
St no:	4412		
St name:	177	St type co:	CR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1872230.38		
Horiz y:	581081.79		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Vert acc u:	Not Reported		
Latitude:	41.260768		
Longitude:	-82.964642		
Source of :	digitized	Flowing we:	N
Test rate:	15		
Draw down:	10		
S water le:	36		
S water me:	Not Reported	S water 1:	09/20/1977
Cas ht:	0		
Screen len:	0		
Total dept:	75		
Date of co:	09/20/1977	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000674393		

**C19
North
1/2 - 1 Mile
Lower**

OH WELLS OHD500000380634

Well log n:	321055		
Well type :	W		
End user i:	1178		
Cnty code:	143	Twp code:	1100
Orig owner:	IVAN	Orig own 1:	SEIGER
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	240		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	36		
St dir cod:	S		
St no:	2125		
St name:	101	St type co:	SR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zone code:	S		
Horiz x:	1869597.7		
Horiz y:	584142.58		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.269129		
Longitude:	-82.974278		
Source of :	digitized	Flowing we:	N
Test rate:	15		
Draw down:	0		
S water le:	32		
S water me:	Not Reported	S water 1:	10/31/1963
Cas ht:	0		
Screen len:	0		
Total dept:	68		
Date of co:	10/31/1963	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000380634		

**20
SW
1/2 - 1 Mile
Higher**

OH WELLS OHD500000782508

Well log n:	235281		
Well type :	W		
End user i:	1948		
Cnty code:	147	Twp code:	5
Orig owner:	Not Reported	Orig own 1:	BUTTER MUT RIDGE CHA
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	LST
Loc map ye:	1966	Loc area:	Not Reported
Loc no:	45		
Sub name:	Not Reported	Sub map ye:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	2		
St dir cod:	Not Reported		
St no:	0		
St name:	101	St type co:	SR
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1867542.76		
Horiz y:	1186236.95		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.255427		
Longitude:	-82.981399		
Source of :	Digitized	Flowing we:	N
Test rate:	14		
Draw down:	0		
S water le:	37		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		
Total dept:	67		
Date of co:	06/16/1960	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000782508		

D21
North
1/2 - 1 Mile
Lower

OH WELLS OHD500000381411

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	99145		
Well type :	W		
End user i:	1948		
Cnty code:	143	Twp code:	1100
Orig owner:	BLAINE	Orig own 1:	MOHN
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	GRA
Loc map ye:	1960	Loc area:	Not Reported
Loc no:	45		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	25		
St dir cod:	Not Reported		
St no:	0		
St name:	MT. CARMEL	St type co:	CR
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1870059.68		
Horiz y:	584313.6		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.269606		
Longitude:	-82.972601		
Source of :	digitized	Flowing we:	N
Test rate:	20		
Draw down:	3		
S water le:	27		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		
Total dept:	54		
Date of co:	07/16/1953	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well drill: Not Reported Subcon odh: Not Reported
 Site id: OHD500000381411

E22
North
1/2 - 1 Mile
Lower

OH WELLS OHD500000380633

Well log n:	428139		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	LESTER	Orig own 1:	WHILEY
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	239		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	35		
St dir cod:	S		
St no:	2174		
St name:	101/MT. CARMEL	St type co:	SR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1869244.77		
Horiz y:	584459.38		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.269994		
Longitude:	-82.975569		
Source of :	digitized	Flowing we:	N
Test rate:	20		
Draw down:	15		
S water le:	40		
S water me:	Not Reported	S water 1:	11/27/1971
Cas ht:	0		
Screen len:	0		
Total dept:	78		
Date of co:	11/27/1971	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000380633		

**F23
NNW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000381409

Well log n:	86895		
Well type :	W		
End user i:	0		
Cnty code:	143	Twp code:	1100
Orig owner:	R	Orig own 1:	PEACOCK
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	LST
Loc map ye:	1960	Loc area:	Not Reported
Loc no:	43		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	35		
St dir cod:	Not Reported		
St no:	0		
St name:	MT. CARMEL	St type co:	CR
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1868151.41		
Horiz y:	584199.08		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.269263		
Longitude:	-82.979541		
Source of :	digitized	Flowing we:	N
Test rate:	14		
Draw down:	1		
S water le:	27		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total dept:	53	Located in:	Y
Date of co:	11/11/1953		
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000381409		

C24
North
1/2 - 1 Mile
Lower

OH WELLS OHD500000380635

Well log n:	412100		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	SAM	Orig own 1:	SALYER
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	241		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	36		
St dir cod:	Not Reported		
St no:	4137		
St name:	MT. CARMEL/101	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1869672		
Horiz y:	584509.08		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Vert acc u:	Not Reported		
Latitude:	41.270136		
Longitude:	-82.974015		
Source of :	digitized	Flowing we:	N
Test rate:	10		
Draw down:	20		
S water le:	36		
S water me:	Not Reported	S water 1:	02/11/1971
Cas ht:	0		
Screen len:	0		
Total dept:	65		
Date of co:	02/11/1971	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000380635		

**D25
NNE
1/2 - 1 Mile
Lower**

OH WELLS OHD500000688100

Well log n:	982001		
Well type :	W		
End user i:	967		
Cnty code:	143	Twp code:	1100
Orig owner:	ROBERT	Orig own 1:	HARRIS
Drill type:	R	Test type :	P
Well use c:	D	Aquifer ty:	LST
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	96-04
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	26		
St dir cod:	S		
St no:	2040		
St name:	MAIN	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zone code:	S		
Horiz x:	1870065.47		
Horiz y:	1191536.1		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.27		
Longitude:	-82.97233		
Source of :	GPS	Flowing we:	Not Reported
Test rate:	15		
Draw down:	6		
S water le:	26		
S water me:	G	S water 1:	09/17/2004
Cas ht:	2		
Screen len:	0		
Total dept:	65		
Date of co:	09/17/2004	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	15		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000688100		

**F26
NNW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000778694

Well log n:	165737		
Well type :	W		
End user i:	1948		
Cnty code:	143	Twp code:	1100
Orig owner:	LESTER	Orig own 1:	CONLEY
Drill type:	Not Reported	Test type :	P
Well use c:	D	Aquifer ty:	SCL
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	238		
Sub name:	Not Reported	Sub map ye:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	35		
St dir cod:	Not Reported		
St no:	4017		
St name:	MT. CARMEL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1868340.78		
Horiz y:	584347.57		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.269673		
Longitude:	-82.978855		
Source of :	digitized	Flowing we:	N
Test rate:	14		
Draw down:	3		
S water le:	30		
S water me:	Not Reported	S water 1:	06/20/1956
Cas ht:	0		
Screen len:	0		
Total dept:	58		
Date of co:	06/20/1956	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000778694		

27
 NNW
 1/2 - 1 Mile
 Lower

OH WELLS OHD500000385186

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	57623		
Well type :	W		
End user i:	0		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	GREEN CREEK TWP.
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	LST
Loc map ye:	1945	Loc area:	Not Reported
Loc no:	293		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	35		
St dir cod:	Not Reported		
St no:	0		
St name:	Not Reported	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1868560.9		
Horiz y:	584466.17		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.270002		
Longitude:	-82.978056		
Source of :	digitized	Flowing we:	N
Test rate:	14		
Draw down:	3		
S water le:	21		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		
Total dept:	52		
Date of co:	05/08/1950	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well drill: Not Reported Subcon odh: Not Reported
 Site id: OHD500000385186

**E28
 North
 1/2 - 1 Mile
 Lower**

OH WELLS OHD500000691911

Well log n:	979638		
Well type :	W		
End user i:	673		
Cnty code:	143	Twp code:	1100
Orig owner:	RAMON	Orig own 1:	DAVIS
Drill type:	R	Test type :	P
Well use c:	D	Aquifer ty:	LST
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	113-04
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	S		
St no:	1780		
St name:	MAIN	St type co:	SR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	Not Reported		
Horiz x:	0		
Horiz y:	0		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.27099		
Longitude:	-82.97493		
Source of :	GEOCODE	Flowing we:	Not Reported
Test rate:	12		
Draw down:	10		
S water le:	20		
S water me:	T	S water 1:	10/19/2004
Cas ht:	1		
Screen len:	0		
Total dept:	67		
Date of co:	10/19/2004	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sustained :	12		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000691911		

E29
North
1/2 - 1 Mile
Lower

OH WELLS OHD500000777765

Well log n:	40395		
Well type :	W		
End user i:	2285		
Cnty code:	143	Twp code:	1100
Orig owner:	NEIL	Orig own 1:	DAGG
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	LST
Loc map ye:	1945	Loc area:	Not Reported
Loc no:	318		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	0		
St name:	101	St type co:	SR
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1869239.28		
Horiz y:	584822.69		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.270991		
Longitude:	-82.975596		
Source of :	digitized	Flowing we:	N
Test rate:	0		
Draw down:	0		
S water le:	36		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total dept:	61	Located in:	Y
Date of co:	05/29/1950		
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD50000077765		

**30
NNE
1/2 - 1 Mile
Lower**

OH WELLS OHD500000385188

Well log n:	40393		
Well type :	W		
End user i:	2285		
Cnty code:	143	Twp code:	1100
Orig owner:	PAUL	Orig own 1:	MEYER
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	LST
Loc map ye:	1945	Loc area:	Not Reported
Loc no:	320		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	25		
St dir cod:	Not Reported		
St no:	0		
St name:	MT. CARMEL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1870279.93		
Horiz y:	584754.06		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Vert acc u:	Not Reported		
Latitude:	41.270818		
Longitude:	-82.971809		
Source of :	digitized	Flowing we:	N
Test rate:	0		
Draw down:	0		
S water le:	0		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		
Total dept:	75		
Date of co:	12/21/1950	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000385188		

31
North
1/2 - 1 Mile
Lower

OH WELLS OHD500000778691

Well log n:	99123		
Well type :	W		
End user i:	1948		
Cnty code:	143	Twp code:	1100
Orig owner:	AL/JT	Orig own 1:	SIMCO/HOLDSWORTH
Drill type:	Not Reported	Test type :	P
Well use c:	D	Aquifer ty:	GRA
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	202		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	26		
St dir cod:	S		
St no:	2074		
St name:	101	St type co:	SR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zone code:	S		
Horiz x:	1869238.58		
Horiz y:	584838.31		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.271034		
Longitude:	-82.975599		
Source of :	digitized	Flowing we:	N
Test rate:	12		
Draw down:	0		
S water le:	22		
S water me:	Not Reported	S water 1:	11/14/1952
Cas ht:	0		
Screen len:	0		
Total dept:	45		
Date of co:	11/14/1952	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000778691		

**32
SW
1/2 - 1 Mile
Higher**

OH WELLS OHD500000376461

Well log n:	311150		
Well type :	W		
End user i:	1948		
Cnty code:	147	Twp code:	5
Orig owner:	Not Reported	Orig own 1:	ADAMS TWP. TRUSTEES
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	LST
Loc map ye:	1966	Loc area:	Not Reported
Loc no:	53		
Sub name:	Not Reported	Sub map ye:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	2		
St dir cod:	Not Reported		
St no:	0		
St name:	101/62	St type co:	CR
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1866842.61		
Horiz y:	1186129.01		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.255121		
Longitude:	-82.983942		
Source of :	Digitized	Flowing we:	N
Test rate:	14		
Draw down:	0		
S water le:	50		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		
Total dept:	80		
Date of co:	02/23/1966	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000376461		

G33
 NNE
 1/2 - 1 Mile
 Lower

OH WELLS OHD500000673805

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	378062		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	ROBERT	Orig own 1:	BOTH
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	242		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	36		
St dir cod:	Not Reported		
St no:	4285		
St name:	183	St type co:	TR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1871187.21		
Horiz y:	584456.25		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.270014		
Longitude:	-82.968502		
Source of :	digitized	Flowing we:	N
Test rate:	20		
Draw down:	0		
S water le:	30		
S water me:	Not Reported	S water 1:	06/10/1968
Cas ht:	0		
Screen len:	0		
Total dept:	48		
Date of co:	06/10/1968	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well drill: Not Reported Subcon odh: Not Reported
 Site id: OHD500000673805

34
NNE
1/2 - 1 Mile
Lower

OH WELLS OHD500000778692

Well log n:	446625		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	WILLIAM/RAY	Orig own 1:	MCMURTRIC/RUSSELL
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	212		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	25		
St dir cod:	Not Reported		
St no:	4236	St type co:	RD
St name:	MT. CARMEL		
Sec add:	Not Reported		
Sec add no:	0	State code:	OH
City:	CLYDE		
Zip:	43410		
Zone code:	S		
Horiz x:	1870740.05		
Horiz y:	584720.29		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.270732		
Longitude:	-82.970134		
Source of :	digitized	Flowing we:	N
Test rate:	20		
Draw down:	20		
S water le:	38	S water 1:	11/15/1972
S water me:	Not Reported		
Cas ht:	0		
Screen len:	0		
Total dept:	70		
Date of co:	11/15/1972	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000778692		

**G35
NNE
1/2 - 1 Mile
Lower**

OH WELLS OHD500000385180

Well log n:	11082		
Well type :	W		
End user i:	0		
Cnty code:	143	Twp code:	1100
Orig owner:	ROBERT	Orig own 1:	CROCKETT
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	LST
Loc map ye:	1945	Loc area:	Not Reported
Loc no:	153		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	25		
St dir cod:	Not Reported		
St no:	0		
St name:	Not Reported	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1871249.05		
Horiz y:	584808.08		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.27098		
Longitude:	-82.968284		
Source of :	digitized	Flowing we:	N
Test rate:	12		
Draw down:	2		
S water le:	38		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total dept:	70	Located in:	Y
Date of co:	11/29/1948		
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000385180		

**36
NW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000673801

Well log n:	321065		
Well type :	W		
End user i:	1178		
Cnty code:	143	Twp code:	1100
Orig owner:	R.E.	Orig own 1:	STEINBOUER
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	233		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	35		
St dir cod:	Not Reported		
St no:	3883		
St name:	MT. CARMEL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1866950.14		
Horiz y:	584328.93		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Vert acc u:	Not Reported		
Latitude:	41.269601		
Longitude:	-82.983913		
Source of :	digitized	Flowing we:	N
Test rate:	12		
Draw down:	8		
S water le:	31		
S water me:	Not Reported	S water 1:	05/05/1964
Cas ht:	0		
Screen len:	0		
Total dept:	65		
Date of co:	05/05/1964	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000673801		

37
NNE
1/2 - 1 Mile
Lower

OH WELLS OHD500000671923

Well log n:	470885		
Well type :	W		
End user i:	1178		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	GREEN HILLS GOLF
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	213		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	25		
St dir cod:	Not Reported		
St no:	0		
St name:	MT. CARMEL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zone code:	S		
Horiz x:	1871507.2		
Horiz y:	584732.71		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.270777		
Longitude:	-82.967344		
Source of :	digitized	Flowing we:	N
Test rate:	10		
Draw down:	0		
S water le:	28		
S water me:	Not Reported	S water 1:	08/16/1975
Cas ht:	0		
Screen len:	0		
Total dept:	60		
Date of co:	08/16/1975	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000671923		

**H38
NNW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000379892

Well log n:	389425		
Well type :	W		
End user i:	1948		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	LIMERICK LUMBER & SU
Drill type:	Not Reported	Test type :	B
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	H
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	35		
St dir cod:	Not Reported		
St no:	0		
St name:	MT. CARMEL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1868277.53		
Horiz y:	1192257.64		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.271953		
Longitude:	-82.978845		
Source of :	Digitized	Flowing we:	N
Test rate:	0		
Draw down:	0		
S water le:	28		
S water me:	Not Reported	S water 1:	08/21/1970
Cas ht:	0		
Screen len:	0		
Total dept:	53		
Date of co:	08/21/1970	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000379892		

**H39
NNW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000379891

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	112857		
Well type :	W		
End user i:	1948		
Cnty code:	143	Twp code:	1100
Orig owner:	EDWIN	Orig own 1:	DROWN
Drill type:	Not Reported	Test type :	P
Well use c:	D	Aquifer ty:	GRA
Loc map ye:	1980	Loc area:	H
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	36		
St dir cod:	S		
St no:	0		
St name:	101	St type co:	SR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1868277.53		
Horiz y:	1192257.64		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.271953		
Longitude:	-82.978845		
Source of :	Digitized	Flowing we:	N
Test rate:	10		
Draw down:	5		
S water le:	30		
S water me:	Not Reported	S water 1:	10/26/1953
Cas ht:	0		
Screen len:	0		
Total dept:	50		
Date of co:	10/26/1953	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well drill: Not Reported Subcon odh: Not Reported
 Site id: OHD500000379891

**H40
 NNW
 1/2 - 1 Mile
 Lower**

OH WELLS OHD500000379890

Well log n:	389450		
Well type :	W		
End user i:	1948		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	LIMERICK LUMBER & SU
Drill type:	Not Reported	Test type :	B
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	H
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	25		
St dir cod:	Not Reported		
St no:	0		
St name:	MT. CARMEL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1868277.53		
Horiz y:	1192257.64		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.271953		
Longitude:	-82.978845		
Source of :	Digitized	Flowing we:	N
Test rate:	14		
Draw down:	0		
S water le:	28		
S water me:	Not Reported	S water 1:	08/25/1971
Cas ht:	0		
Screen len:	0		
Total dept:	76		
Date of co:	08/25/1971	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000379890		

**H41
NNW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000379895

Well log n:	489358		
Well type :	W		
End user i:	664		
Cnty code:	143	Twp code:	1100
Orig owner:	DAN	Orig own 1:	WAGNER
Drill type:	Not Reported	Test type :	P
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	H
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	36		
St dir cod:	Not Reported		
St no:	0		
St name:	MT. CARMEL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1868277.53		
Horiz y:	1192257.64		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.271953		
Longitude:	-82.978845		
Source of :	Digitized	Flowing we:	N
Test rate:	18		
Draw down:	8		
S water le:	27		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total dept:	75	Located in:	Y
Date of co:	08/03/1975		
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000379895		

**H42
NNW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000379894

Well log n:	389440		
Well type :	W		
End user i:	1948		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	LIMERICK LUMBER CO.
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	H
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	35		
St dir cod:	Not Reported		
St no:	0		
St name:	MT. CARMEL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1868277.53		
Horiz y:	1192257.64		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Vert acc u:	Not Reported		
Latitude:	41.271953		
Longitude:	-82.978845		
Source of :	Digitized	Flowing we:	N
Test rate:	10		
Draw down:	0		
S water le:	27		
S water me:	Not Reported	S water 1:	05/18/1971
Cas ht:	0		
Screen len:	0		
Total dept:	67		
Date of co:	05/18/1971	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000379894		

**H43
NNW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000379893

Well log n:	424310		
Well type :	W		
End user i:	1948		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	LIMERICK LUMBER
Drill type:	Not Reported	Test type :	B
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	H
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	35		
St dir cod:	Not Reported		
St no:	0		
St name:	MT. CARMEL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zone code:	S		
Horiz x:	1868277.53		
Horiz y:	1192257.64		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.271953		
Longitude:	-82.978845		
Source of :	Digitized	Flowing we:	N
Test rate:	10		
Draw down:	0		
S water le:	30		
S water me:	Not Reported	S water 1:	11/20/1971
Cas ht:	0		
Screen len:	0		
Total dept:	65		
Date of co:	11/20/1971	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000379893		

**H44
NNW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000379886

Well log n:	514066		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	LIMERICK SALES & SUP
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	H
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	36		
St dir cod:	Not Reported		
St no:	0		
St name:	MT. CARMEL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1868277.53		
Horiz y:	1192257.64		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.271953		
Longitude:	-82.978845		
Source of :	Digitized	Flowing we:	N
Test rate:	10		
Draw down:	30		
S water le:	35		
S water me:	Not Reported	S water 1:	03/24/1977
Cas ht:	0		
Screen len:	0		
Total dept:	75		
Date of co:	03/24/1977	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000379886		

H45
 NNW
 1/2 - 1 Mile
 Lower

OH WELLS OHD500000379885

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	538276		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	LIMERICK SALES & SUP
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	H
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	36		
St dir cod:	Not Reported		
St no:	0		
St name:	MT. CARMEL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1868277.53		
Horiz y:	1192257.64		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.271953		
Longitude:	-82.978845		
Source of :	Digitized	Flowing we:	N
Test rate:	20		
Draw down:	10		
S water le:	25		
S water me:	Not Reported	S water 1:	06/27/1978
Cas ht:	0		
Screen len:	0		
Total dept:	56		
Date of co:	06/27/1978	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well drill: Not Reported Subcon odh: Not Reported
 Site id: OHD500000379885

**H46
 NNW
 1/2 - 1 Mile
 Lower**

OH WELLS OHD500000379884

Well log n:	554258		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	WALTER	Orig own 1:	BALL
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	H
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	25		
St dir cod:	Not Reported		
St no:	24		
St name:	CROCKETT	St type co:	DR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1868277.53		
Horiz y:	1192257.64		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.271953		
Longitude:	-82.978845		
Source of :	Digitized	Flowing we:	N
Test rate:	25		
Draw down:	0		
S water le:	36		
S water me:	Not Reported	S water 1:	05/15/1979
Cas ht:	0		
Screen len:	0		
Total dept:	70		
Date of co:	05/15/1979	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000379884		

**H47
NNW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000379889

Well log n:	479456		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	E.F.ROSEN CONST
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	H
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	26		
St dir cod:	Not Reported		
St no:	0		
St name:	MT. CARMEL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1868277.53		
Horiz y:	1192257.64		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.271953		
Longitude:	-82.978845		
Source of :	Digitized	Flowing we:	N
Test rate:	10		
Draw down:	20		
S water le:	35		
S water me:	Not Reported	S water 1:	09/20/1974
Cas ht:	0		
Screen len:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total dept:	75	Located in:	Y
Date of co:	09/20/1974		
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000379889		

**H48
NNW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000379888

Well log n:	538277		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	CLIFF	Orig own 1:	TRUSDLE (CONTRACTOR)
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	H
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	25		
St dir cod:	Not Reported		
St no:	0		
St name:	MT. CARMEL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1868277.53		
Horiz y:	1192257.64		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Vert acc u:	Not Reported		
Latitude:	41.271953		
Longitude:	-82.978845		
Source of :	Digitized	Flowing we:	N
Test rate:	20		
Draw down:	10		
S water le:	35		
S water me:	Not Reported	S water 1:	06/28/1978
Cas ht:	0		
Screen len:	0		
Total dept:	70		
Date of co:	06/28/1978	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000379888		

**H49
NNW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000379887

Well log n:	524084		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	LIMERICK SALES & SUP
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	H
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	36		
St dir cod:	Not Reported		
St no:	0		
St name:	MT. CARMEL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zone code:	S		
Horiz x:	1868277.53		
Horiz y:	1192257.64		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.271953		
Longitude:	-82.978845		
Source of :	Digitized	Flowing we:	N
Test rate:	10		
Draw down:	30		
S water le:	32		
S water me:	Not Reported	S water 1:	10/05/1977
Cas ht:	0		
Screen len:	0		
Total dept:	80		
Date of co:	10/05/1977	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000379887		

**H50
NNW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000671928

Well log n:	378063		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	CLYDE	Orig own 1:	DEEL
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	H
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	36		
St dir cod:	Not Reported		
St no:	4257		
St name:	MT. CARMEL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1868277.53		
Horiz y:	1192257.64		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.271953		
Longitude:	-82.978845		
Source of :	Digitized	Flowing we:	N
Test rate:	30		
Draw down:	0		
S water le:	31		
S water me:	Not Reported	S water 1:	06/13/1968
Cas ht:	0		
Screen len:	0		
Total dept:	48		
Date of co:	06/13/1968	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000671928		

H51
 NNW
 1/2 - 1 Mile
 Lower

OH WELLS OHD500000671926

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	428131		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	RAY	Orig own 1:	RUSSELL (BUILDER)
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	H
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	25		
St dir cod:	Not Reported		
St no:	0		
St name:	MT. CARMEL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1868277.53		
Horiz y:	1192257.64		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.271953		
Longitude:	-82.978845		
Source of :	Digitized	Flowing we:	N
Test rate:	20		
Draw down:	10		
S water le:	35		
S water me:	Not Reported	S water 1:	11/04/1971
Cas ht:	0		
Screen len:	0		
Total dept:	50		
Date of co:	11/04/1971	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well drill: Not Reported Subcon odh: Not Reported
 Site id: OHD500000671926

**H52
 NNW
 1/2 - 1 Mile
 Lower**

OH WELLS OHD500000671925

Well log n:	412058		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	CLYDE	Orig own 1:	GILL
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	H
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	S		
St no:	0		
St name:	101	St type co:	SR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1868277.53		
Horiz y:	1192257.64		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.271953		
Longitude:	-82.978845		
Source of :	Digitized	Flowing we:	N
Test rate:	20		
Draw down:	20		
S water le:	38		
S water me:	Not Reported	S water 1:	09/16/1970
Cas ht:	0		
Screen len:	0		
Total dept:	68		
Date of co:	09/16/1970	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000671925		

**H53
NNW
1/2 - 1 Mile
Lower**

OH WELLS

OHD500000787965

Well log n:	266821		
Well type :	W		
End user i:	1178		
Cnty code:	143	Twp code:	1100
Orig owner:	JIM	Orig own 1:	HOLDSWORTH
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	H
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	S		
St no:	0		
St name:	101/183	St type co:	SR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1868277.53		
Horiz y:	1192257.64		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.271953		
Longitude:	-82.978845		
Source of :	Digitized	Flowing we:	N
Test rate:	15		
Draw down:	0		
S water le:	35		
S water me:	Not Reported	S water 1:	07/15/1963
Cas ht:	0		
Screen len:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total dept:	68	Located in:	Y
Date of co:	07/16/1963		
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000787965		

**H54
NNW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000778693

Well log n:	459032		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	MARION	Orig own 1:	PEAREE
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	H
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	36		
St dir cod:	Not Reported		
St no:	4181		
St name:	MT. CARMEL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1868277.53		
Horiz y:	1192257.64		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Vert acc u:	Not Reported		
Latitude:	41.271953		
Longitude:	-82.978845		
Source of :	Digitized	Flowing we:	N
Test rate:	15		
Draw down:	10		
S water le:	18		
S water me:	Not Reported	S water 1:	07/25/1973
Cas ht:	0		
Screen len:	0		
Total dept:	50		
Date of co:	07/23/1973	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000778693		

**H55
NNW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000671929

Well log n:	213562		
Well type :	W		
End user i:	1178		
Cnty code:	143	Twp code:	1100
Orig owner:	P.G.	Orig own 1:	LAMPL
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	H
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	36		
St dir cod:	Not Reported		
St no:	0		
St name:	MT. CARMEL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zone code:	S		
Horiz x:	1868277.53		
Horiz y:	1192257.64		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.271953		
Longitude:	-82.978845		
Source of :	Digitized	Flowing we:	N
Test rate:	20		
Draw down:	10		
S water le:	37		
S water me:	Not Reported	S water 1:	04/24/1958
Cas ht:	0		
Screen len:	0		
Total dept:	56		
Date of co:	04/24/1958	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	BROWN BRICK HOUSE SET OFF ROAD, BIG TERRACED BALCONY ON EASTERN END		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000671929		

**H56
NNW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000379898

Well log n:	412099		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	MARVIN	Orig own 1:	SALYER
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	H
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	36		
St dir cod:	Not Reported		
St no:	4143	St type co:	RD
St name:	MT. CARMEL		
Sec add:	Not Reported		
Sec add no:	0	State code:	OH
City:	CLYDE		
Zip:	43410		
Zone code:	S		
Horiz x:	1868277.53		
Horiz y:	1192257.64		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.271953		
Longitude:	-82.978845	Flowing we:	N
Source of :	Digitized		
Test rate:	20		
Draw down:	15		
S water le:	38	S water 1:	02/10/1971
S water me:	Not Reported		
Cas ht:	0		
Screen len:	0		
Total dept:	65	Located in:	Y
Date of co:	02/10/1971		
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0	Screen mat:	Not Reported
Screen typ:	Not Reported		
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000379898		

H57
 NNW
 1/2 - 1 Mile
 Lower

OH WELLS OHD500000379897

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	244876		
Well type :	W		
End user i:	1178		
Cnty code:	143	Twp code:	1100
Orig owner:	RICHARD	Orig own 1:	GOOD
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	H
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	36		
St dir cod:	Not Reported		
St no:	4149		
St name:	MT. CARMEL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1868277.53		
Horiz y:	1192257.64		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.271953		
Longitude:	-82.978845		
Source of :	Digitized	Flowing we:	N
Test rate:	10		
Draw down:	20		
S water le:	30		
S water me:	Not Reported	S water 1:	10/03/1960
Cas ht:	0		
Screen len:	0		
Total dept:	87		
Date of co:	10/03/1960	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well drill: Not Reported Subcon odh: Not Reported
 Site id: OHD500000379897

**H58
 NNW
 1/2 - 1 Mile
 Lower**

OH WELLS OHD500000379896

Well log n:	459033		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	CARBET	Orig own 1:	BLANTON
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	H
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	36		
St dir cod:	Not Reported		
St no:	4285		
St name:	MT. CARMEL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1868277.53		
Horiz y:	1192257.64		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.271953		
Longitude:	-82.978845		
Source of :	Digitized	Flowing we:	N
Test rate:	20		
Draw down:	10		
S water le:	18		
S water me:	Not Reported	S water 1:	07/26/1973
Cas ht:	0		
Screen len:	0		
Total dept:	53		
Date of co:	07/26/1973	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000379896		

**H59
NNW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000379901

Well log n:	86878		
Well type :	W		
End user i:	0		
Cnty code:	143	Twp code:	1100
Orig owner:	CHARLES	Orig own 1:	BROWN
Drill type:	Not Reported	Test type :	P
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	H
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	35		
St dir cod:	Not Reported		
St no:	4025		
St name:	MT. CARMEL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1868277.53		
Horiz y:	1192257.64		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.271953		
Longitude:	-82.978845		
Source of :	Digitized	Flowing we:	N
Test rate:	14		
Draw down:	1.5		
S water le:	22		
S water me:	Not Reported	S water 1:	05/01/1953
Cas ht:	0		
Screen len:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total dept:	53	Located in:	Y
Date of co:	05/02/1953		
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000379901		

**H60
NNW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000379900

Well log n:	531022		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	BEN	Orig own 1:	TAYLOR
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	H
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	35		
St dir cod:	Not Reported		
St no:	4047		
St name:	MT. CARMEL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1868277.53		
Horiz y:	1192257.64		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Vert acc u:	Not Reported		
Latitude:	41.271953		
Longitude:	-82.978845		
Source of :	Digitized	Flowing we:	N
Test rate:	20		
Draw down:	10		
S water le:	30		
S water me:	Not Reported	S water 1:	12/21/1977
Cas ht:	0		
Screen len:	0		
Total dept:	65		
Date of co:	12/21/1977	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000379900		

**H61
NNW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000379899

Well log n:	502229		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	LIMERICK SALES & SUP
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	H
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	35		
St dir cod:	Not Reported		
St no:	4055		
St name:	MT. CARMEL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zone code:	S		
Horiz x:	1868277.53		
Horiz y:	1192257.64		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.271953		
Longitude:	-82.978845		
Source of :	Digitized	Flowing we:	N
Test rate:	15		
Draw down:	10		
S water le:	28		
S water me:	Not Reported	S water 1:	07/12/1976
Cas ht:	0		
Screen len:	0		
Total dept:	60		
Date of co:	07/12/1976	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000379899		

62
West
1/2 - 1 Mile
Lower

OH WELLS OHD500000379909

Well log n:	258303		
Well type :	W		
End user i:	1948		
Cnty code:	143	Twp code:	1100
Orig owner:	WILLIAM	Orig own 1:	SHAVER
Drill type:	Not Reported	Test type :	B
Well use c:	D	Aquifer ty:	SGR
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	232		
Sub name:	Not Reported	Sub map ye:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	35		
St dir cod:	Not Reported		
St no:	3731		
St name:	195	St type co:	CR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1865392.32		
Horiz y:	581758.1		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.262521		
Longitude:	-82.989528		
Source of :	digitized	Flowing we:	N
Test rate:	8		
Draw down:	3		
S water le:	35		
S water me:	Not Reported	S water 1:	03/27/1961
Cas ht:	0		
Screen len:	0		
Total dept:	69		
Date of co:	03/27/1961	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000379909		

63
East
1/2 - 1 Mile
Higher

OH WELLS OHD500000693515

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	979633		
Well type :	W		
End user i:	673		
Cnty code:	143	Twp code:	1100
Orig owner:	WALTER	Orig own 1:	BAILEY
Drill type:	Not Reported	Test type :	A
Well use c:	D	Aquifer ty:	Not Reported
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	10104
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	4508		
St name:	177	St type co:	CR
Sec add:	Not Reported		
Sec add no:	0		
City:	GREEN SPRINGS	State code:	OH
Zip:	44836		
Zone code:	Not Reported		
Horiz x:	0		
Horiz y:	0		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	778		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.26323		
Longitude:	-82.95954		
Source of :	GEOCODE	Flowing we:	Not Reported
Test rate:	10		
Draw down:	20		
S water le:	40		
S water me:	T	S water 1:	09/24/2004
Cas ht:	1		
Screen len:	0		
Total dept:	108		
Date of co:	09/24/2004	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	10		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well drill: Not Reported Subcon odh: Not Reported
 Site id: OHD500000693515

64
North
1/2 - 1 Mile
Lower

OH WELLS OHD500000379143

Well log n:	118575		
Well type :	W		
End user i:	1178		
Cnty code:	143	Twp code:	1100
Orig owner:	ROLLYN	Orig own 1:	DINON
Drill type:	Not Reported	Test type :	P
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	201		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	26		
St dir cod:	S		
St no:	1982		
St name:	101	St type co:	SR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1869238.9		
Horiz y:	585660.27		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.27329		
Longitude:	-82.975614		
Source of :	digitized	Flowing we:	N
Test rate:	10		
Draw down:	30		
S water le:	15		
S water me:	Not Reported	S water 1:	07/07/1953
Cas ht:	0		
Screen len:	0		
Total dept:	51		
Date of co:	07/07/1953	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000379143		

**I65
NNE
1/2 - 1 Mile
Lower**

OH WELLS OHD500000786798

Well log n:	545158		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	CARROL CONSTR. CO.
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	214		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	25		
St dir cod:	Not Reported		
St no:	30		
St name:	CROCKETT	St type co:	DR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1871612.46		
Horiz y:	585161.33		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.271955		
Longitude:	-82.966969		
Source of :	digitized	Flowing we:	N
Test rate:	15		
Draw down:	0		
S water le:	40		
S water me:	Not Reported	S water 1:	09/01/1978
Cas ht:	0		
Screen len:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total dept:	71	Located in:	Y
Date of co:	09/01/1978		
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000786798		

**66
NW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000379140

Well log n:	266805		
Well type :	W		
End user i:	1178		
Cnty code:	143	Twp code:	1100
Orig owner:	DR	Orig own 1:	CRAIG
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	197		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	26		
St dir cod:	Not Reported		
St no:	3886		
St name:	MT. CARMEL	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1867073.97		
Horiz y:	584974.97		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Vert acc u:	Not Reported		
Latitude:	41.271376		
Longitude:	-82.983476		
Source of :	digitized	Flowing we:	N
Test rate:	15		
Draw down:	12		
S water le:	20		
S water me:	Not Reported	S water 1:	07/18/1962
Cas ht:	0		
Screen len:	0		
Total dept:	59		
Date of co:	07/18/1962	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000379140		

**I67
NNE
1/2 - 1 Mile
Lower**

OH WELLS OHD500000379882

Well log n:	531037		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	GERALD MILLER BUILDI
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	215		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	25		
St dir cod:	Not Reported		
St no:	15		
St name:	CROCKETT	St type co:	DR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zone code:	S		
Horiz x:	1871798.21		
Horiz y:	585091.73		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.271767		
Longitude:	-82.966292		
Source of :	digitized	Flowing we:	N
Test rate:	20		
Draw down:	15		
S water le:	35		
S water me:	Not Reported	S water 1:	03/24/1978
Cas ht:	0		
Screen len:	0		
Total dept:	75		
Date of co:	03/24/1978	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000379882		

**J68
NE
1/2 - 1 Mile
Lower**

OH WELLS OHD500000379883

Well log n:	394176		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	R.L.	Orig own 1:	ODONNELL
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	216		
Sub name:	Not Reported	Sub map ye:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	25		
St dir cod:	Not Reported		
St no:	4380	St type co:	RD
St name:	MT. CARMEL		
Sec add:	Not Reported		
Sec add no:	0	State code:	OH
City:	CLYDE		
Zip:	43410		
Zone code:	S		
Horiz x:	1872374.03		
Horiz y:	584701.65		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.270705		
Longitude:	-82.96419	Flowing we:	N
Source of :	digitized		
Test rate:	30		
Draw down:	15		
S water le:	0	S water 1:	05/15/1969
S water me:	Not Reported		
Cas ht:	0		
Screen len:	0		
Total dept:	58	Located in:	Y
Date of co:	05/15/1969		
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0	Screen mat:	Not Reported
Screen typ:	Not Reported		
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000379883		

**K69
North
1/2 - 1 Mile
Lower**

OH WELLS OHD500000381408

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	118253		
Well type :	W		
End user i:	0		
Cnty code:	143	Twp code:	1100
Orig owner:	ROBERT	Orig own 1:	CROCKETT
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	LST
Loc map ye:	1960	Loc area:	Not Reported
Loc no:	42		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	0		
St name:	101	St type co:	SR
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1869764.33		
Horiz y:	585907.1		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.273975		
Longitude:	-82.973707		
Source of :	digitized	Flowing we:	N
Test rate:	20		
Draw down:	2		
S water le:	32		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		
Total dept:	54		
Date of co:	09/04/1953	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000381410		

K71
North
1/2 - 1 Mile
Lower

OH WELLS OHD500000379881

Well log n:	321095		
Well type :	W		
End user i:	1178		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	GREEN HILLS GOLF INC
Drill type:	Not Reported	Test type :	A
Well use c:	AGR	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	211		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	25		
St dir cod:	S		
St no:	0		
St name:	101	St type co:	SR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1869678.39		
Horiz y:	586013.01		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.274264		
Longitude:	-82.974022		
Source of :	digitized	Flowing we:	N
Test rate:	500		
Draw down:	80		
S water le:	17		
S water me:	Not Reported	S water 1:	07/14/1967
Cas ht:	0		
Screen len:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total dept:	138	Located in:	Y
Date of co:	07/14/1967		
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000379881		

**72
North
1/2 - 1 Mile
Lower**

FED USGS USGS2301654

Agency cd:	USGS	Site no:	411627082584000
Site name:	S-148-G26		
Latitude:	411627	EDR Site id:	USGS2301654
Longitude:	0825840	Dec lat:	41.27422043
Dec lon:	-82.97769186	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	39
State:	39	County:	143
Country:	US	Land net:	Not Reported
Location map:	CLYDE	Map scale:	24000
Altitude:	736.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Sandusky. Ohio. Area = 1850 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	443908500		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1986-04-08	Ground water data end date:	1987-01-29
Ground water data count:	3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1987-01-29	20.78		1986-04-17	20.05	
1986-04-08	23.85				

K73
North
1/2 - 1 Mile
Lower

OH WELLS OHD500000379880

Well log n:	336522		
Well type :	W		
End user i:	1178		
Cnty code:	143	Twp code:	1100
Orig owner:	EWIN	Orig own 1:	ROSEN
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	210		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	25		
St dir cod:	Not Reported		
St no:	0		
St name:	101	St type co:	SR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1869647.44		
Horiz y:	586168.27		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.27469		
Longitude:	-82.974138		
Source of :	digitized	Flowing we:	N
Test rate:	10		
Draw down:	20		
S water le:	22		
S water me:	Not Reported	S water 1:	04/29/1968
Cas ht:	0		
Screen len:	0		
Total dept:	68		
Date of co:	04/29/1968	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000379880		

**L74
NW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000705370

Well log n:	368096		
Well type :	W		
End user i:	1948		
Cnty code:	143	Twp code:	1100
Orig owner:	RONALD	Orig own 1:	SHEARN
Drill type:	Not Reported	Test type :	B
Well use c:	D	Aquifer ty:	SND
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	231		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	35		
St dir cod:	Not Reported		
St no:	3735		
St name:	MT. CARMEL/183	St type co:	TR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1865448.04		
Horiz y:	584439.63		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.269882		
Longitude:	-82.98938		
Source of :	digitized	Flowing we:	N
Test rate:	14		
Draw down:	10		
S water le:	15		
S water me:	Not Reported	S water 1:	12/06/1968
Cas ht:	0		
Screen len:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total dept:	55	Located in:	Y
Date of co:	12/06/1968		
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000705370		

**75
ENE
1/2 - 1 Mile
Higher**

OH WELLS OHD500000380639

Well log n:	459050		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	MELVIN	Orig own 1:	GILBERT
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	247		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	36		
St dir cod:	S		
St no:	2806		
St name:	260/177	St type co:	TR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1874539.88		
Horiz y:	582432.32		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Vert acc u:	Not Reported		
Latitude:	41.264508		
Longitude:	-82.956267		
Source of :	digitized	Flowing we:	N
Test rate:	20		
Draw down:	40		
S water le:	60		
S water me:	Not Reported	S water 1:	08/23/1973
Cas ht:	0		
Screen len:	0		
Total dept:	115		
Date of co:	08/23/1973	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000380639		

**76
NW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000649595

Well log n:	940174		
Well type :	W		
End user i:	673		
Cnty code:	143	Twp code:	1100
Orig owner:	MATT	Orig own 1:	PUMPHREY
Drill type:	Not Reported	Test type :	A
Well use c:	D	Aquifer ty:	SND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	09302
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	3797		
St name:	175	St type co:	CR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zone code:	Not Reported		
Horiz x:	0		
Horiz y:	0		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.27273		
Longitude:	-82.98615		
Source of :	GEOCODE	Flowing we:	Not Reported
Test rate:	20		
Draw down:	10		
S water le:	30		
S water me:	Not Reported	S water 1:	09/04/2002
Cas ht:	1		
Screen len:	0		
Total dept:	67		
Date of co:	09/04/2002	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	20		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000649595		

L77
WNW
1/2 - 1 Mile
Lower

OH WELLS OHD500000789769

Well log n:	389422		
Well type :	W		
End user i:	1948		
Cnty code:	143	Twp code:	1100
Orig owner:	ROOSEVELT	Orig own 1:	YATES
Drill type:	Not Reported	Test type :	B
Well use c:	D	Aquifer ty:	GRA
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	230		
Sub name:	Not Reported	Sub map ye:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	35		
St dir cod:	Not Reported		
St no:	3695		
St name:	175	St type co:	CR
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1865126.08		
Horiz y:	584296.76		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.269485		
Longitude:	-82.990548		
Source of :	digitized	Flowing we:	N
Test rate:	14		
Draw down:	0		
S water le:	26		
S water me:	Not Reported	S water 1:	05/05/1970
Cas ht:	0		
Screen len:	0		
Total dept:	61		
Date of co:	05/05/1970	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000789769		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: OH Radon

Radon Test Results

Zipcode	Num Tests	Maximum	Minimum	Arith Mean	Geo Mean
43410	62	116.1	0.1	12.24	5

Federal EPA Radon Zone for SANDUSKY County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 43410

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.050 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 614-265-1044

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Public Water System Data

Source: Ohio Environmental Protection Agency

Telephone: 614-644-2752

The database includes community, transient noncommunity and nontransient noncommunity water wells; and source treatment unit locations.

Water Well Database

Source: Department of Natural Resources

Telephone: 614-265-6740

OTHER STATE DATABASE INFORMATION

RADON

State Database: OH Radon

Source: Department of Health

Telephone: 614-644-2727

Radon Statistics for Zip Code Areas

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.



Warnacke Dump

Ohio State Route 101 W/South Main Street
Clyde, OH 43410

Inquiry Number: 3225018.16

December 21, 2011

The EDR Aerial Photo Decade Package

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2011 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Date EDR Searched Historical Sources:

Aerial Photography December 21, 2011

Target Property:

Ohio State Route 101 W/South Main Street

Clyde, OH 43410

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1960	Aerial Photograph. Scale: 1"=1000'	Panel #: 41082-C8, Clyde, OH; Flight Date: May 16, 1960	EDR
1969	Aerial Photograph. Scale: 1"=500'	Panel #: 41082-C8, Clyde, OH; Flight Date: March 23, 1969	EDR
1977	Aerial Photograph. Scale: 1"=1000'	Panel #: 41082-C8, Clyde, OH; Flight Date: April 30, 1977	EDR
1983	Aerial Photograph. Scale: 1"=1000'	Panel #: 41082-C8, Clyde, OH; Flight Date: May 10, 1983	EDR
1988	Aerial Photograph. Scale: 1"=750'	Panel #: 41082-C8, Clyde, OH; Flight Date: April 09, 1988	EDR
1995	Aerial Photograph. Scale: 1"=500'	Panel #: 41082-C8, Clyde, OH; Composite DOQQ - acquisition dates: March 18, 1995	EDR
2000	Aerial Photograph. Scale: 1"=750'	Panel #: 41082-C8, Clyde, OH; Flight Date: October 11, 2000	EDR
2005	Aerial Photograph. Scale: 1"=500'	Panel #: 41082-C8, Clyde, OH; Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 41082-C8, Clyde, OH; Flight Year: 2006	EDR



INQUIRY #: 3225018.16

YEAR: 1960

| = 1000'





INQUIRY #: 3225018.16

YEAR: 1969

 = 500'





INQUIRY #: 3225018.16

YEAR: 1977

 = 1000'





INQUIRY #: 3225018.16
YEAR: 1983
|—————| = 1000'





INQUIRY #: 3225018.16

YEAR: 1988

 = 750'





INQUIRY #: 3225018.16

YEAR: 1995

| = 500'





INQUIRY #: 3225018.16

YEAR: 2000

 = 750'



 Environmental Data Resources



INQUIRY #: 3225018.16

YEAR: 2005

| = 500'





INQUIRY #: 3225018.16

YEAR: 2006

 = 500'



Warnacke Dump

Ohio State Route 101 W/South Main Street
Clyde, OH 43410

Inquiry Number: 3225018.22
December 15, 2011

EDR Building Permit Report

Target Property and Adjoining Properties

EDR Building Permit Report: Search Documentation

12/15/11

Site Name:

Warnacke Dump
Ohio State Route
Clyde, OH 43410

Client Name:

Weston Solutions, Inc.
6779 Engle Rd
Middleburg Heights, OH



EDR Inquiry # 3225018.22

Contact: TJ Mcfarland

Search Documentation

DATA GAP

The complete collection of Building Permit data available to EDR has been searched, and as of 12/15/11, EDR does not have access to building permits in the city where your target property is located (Clyde, OH).

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2011 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-05 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records – The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquiries (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.



Warnacke Dump

Ohio State Route 101 W/South Main Street
Clyde, OH 43410

Inquiry Number: 3225018.17
December 20, 2011

The EDR-City Directory Abstract

EDR CITY DIRECTORY ABSTRACT

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

NO COVERAGE

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2009 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Warnacke Dump

Ohio State Route 101 W/South Main Street
Clyde, OH 43410

Inquiry Number: 3225018.19
December 15, 2011

The EDR Property Tax Map Report

EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

NO COVERAGE

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2008 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.



Warnacke Dump

Ohio State Route 101 W/South Main Street
Clyde, OH 43410

Inquiry Number: 3225018.14

December 15, 2011



Certified Sanborn® Map Report

Certified Sanborn® Map Report

12/15/11

Site Name:

Warnacke Dump
Ohio State Route 101 W/South
Clyde, OH 43410

Client Name:

Weston Solutions, Inc.
6779 Engle Rd
Middleburg Heights, OH 44130

EDR Inquiry # 3225018.14

Contact: TJ Mcfarland



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Weston Solutions, Inc. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Warnacke Dump
Address: Ohio State Route 101 W/South Main Street
City, State, Zip: Clyde, OH 43410
Cross Street:
P.O. # 0077763
Project: Eastern Sandusky Dumps SA
Certification # 5275-470D-A0C3



Sanborn® Library search results
Certification # 5275-470D-A0C3

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

Weston Solutions, Inc. (the client) is permitted to make up to THREE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2011 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.



Warnacke Dump

Ohio State Route 101 W/South Main Street
Clyde, OH 43410

Inquiry Number: 3225018.15

December 15, 2011

EDR Historical Topographic Map Report

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

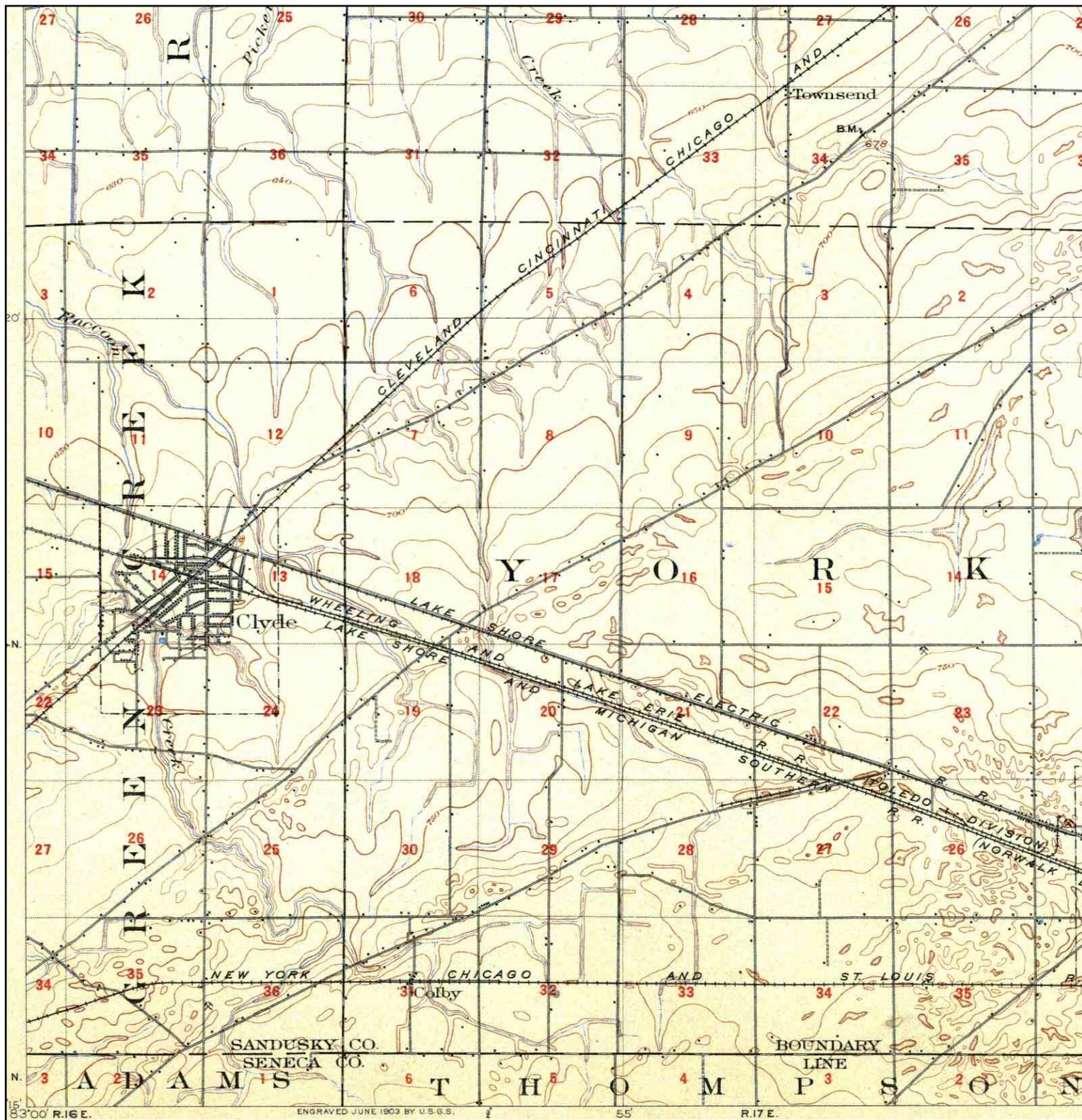
Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2011 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

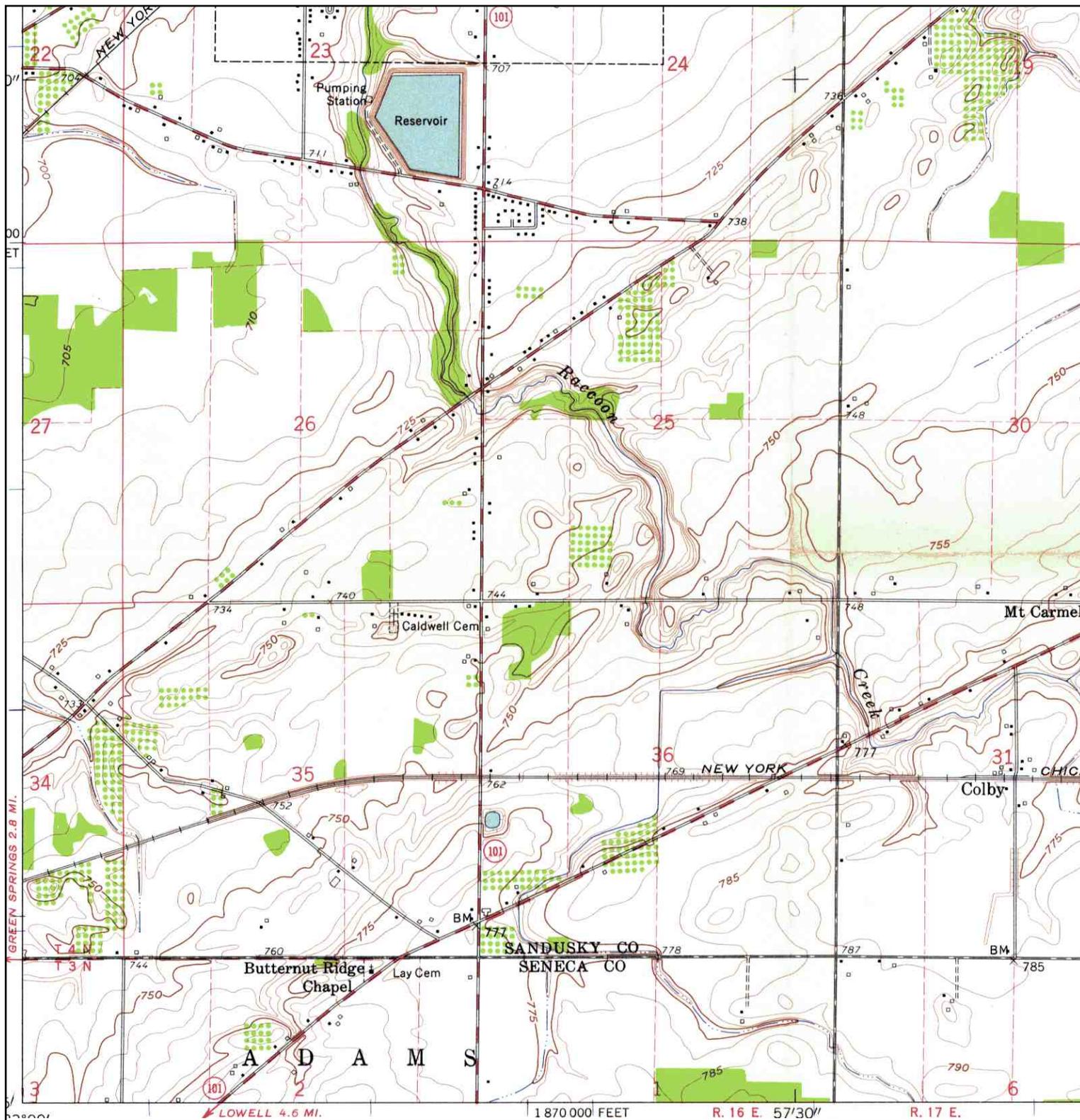
EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Historical Topographic Map



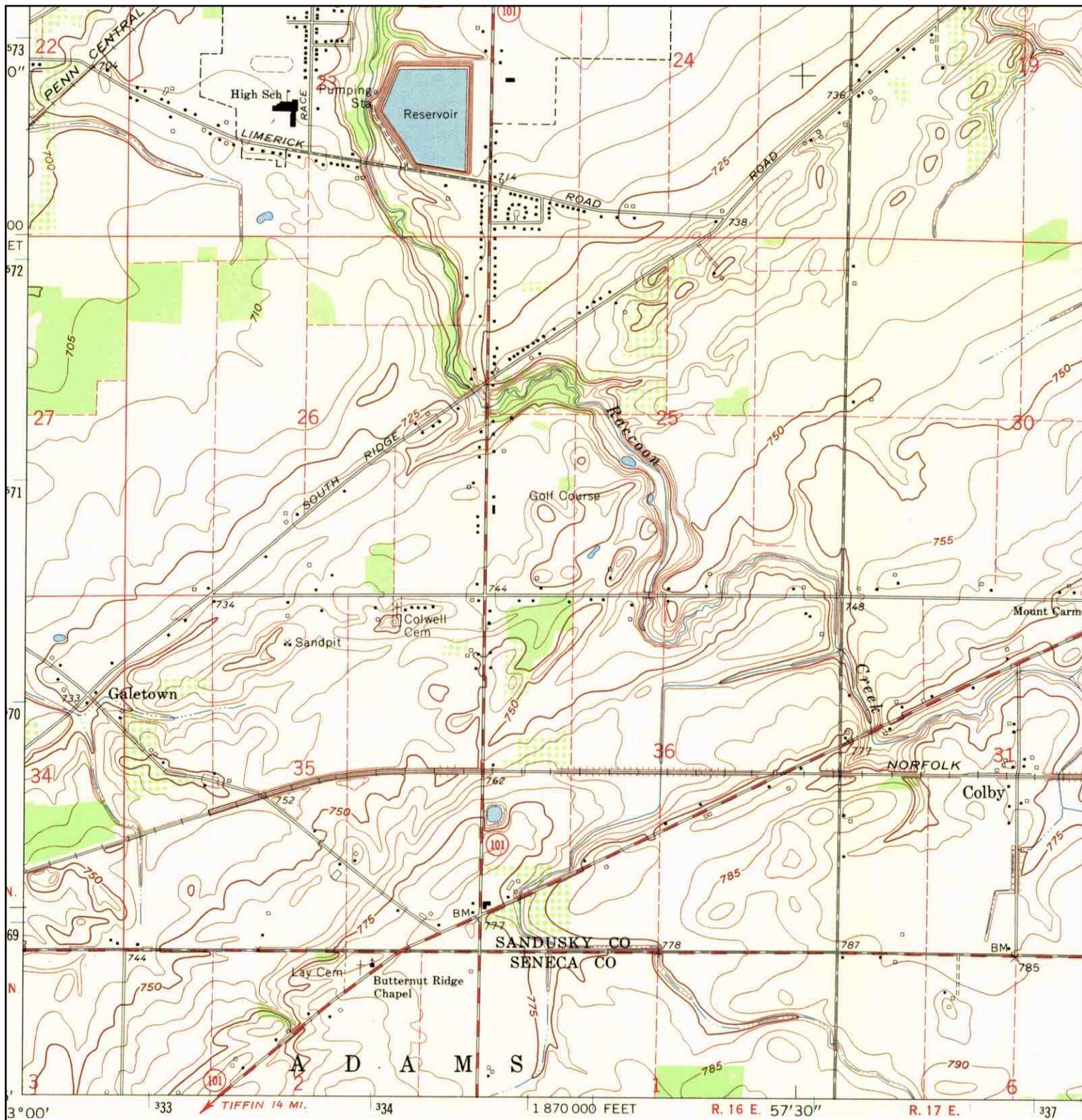
	TARGET QUAD NAME: BELLEVUE MAP YEAR: 1903	SITE NAME: Warnacke Dump ADDRESS: Ohio State Route 101 W/South Main Street Clyde, OH 43410	CLIENT: Weston Solutions, Inc. CONTACT: TJ Mcfarland INQUIRY#: 3225018.15 RESEARCH DATE: 12/15/2011
	SERIES: 15 SCALE: 1:62500	LAT/LONG: 41.2616 / -82.9745	

Historical Topographic Map



	TARGET QUAD NAME: CLYDE MAP YEAR: 1959	SITE NAME: Warnacke Dump ADDRESS: Ohio State Route 101 W/South Main Street Clyde, OH 43410	CLIENT: Weston Solutions, Inc. CONTACT: TJ Mcfarland INQUIRY#: 3225018.15 RESEARCH DATE: 12/15/2011
	SERIES: 7.5 SCALE: 1:24000	LAT/LONG: 41.2616 / -82.9745	

Historical Topographic Map



	TARGET QUAD NAME: CLYDE MAP YEAR: 1969	SITE NAME: Warnacke Dump ADDRESS: Ohio State Route 101 W/South Main Street Clyde, OH 43410	CLIENT: Weston Solutions, Inc. CONTACT: TJ Mcfarland INQUIRY#: 3225018.15 RESEARCH DATE: 12/15/2011
	SERIES: 7.5 SCALE: 1:24000	LAT/LONG: 41.2616 / -82.9745	

APPENDIX F2
PHOTOGRAPHIC DOCUMENTATION



Site: Green Creek Dump Site

Photograph No.: 1

Direction: Northwest

Subject: View of construction debris in northwest portion of site.

Date: 2/15/12

Photographer: Michael Blair



Site: Green Creek Dump Site

Photograph No.: 2

Direction: South

Subject: View of Central area of the site near soil boring location B01.

Date: 2/15/12

Photographer: Michael Blair

I:\WO\START3\1691\44357\ATT-A.DOC

B-1

1691-2A-AVDK



Site: Green Creek Dump Site

Photograph No.: 3

Direction: Northeast

Subject: View of debris piles on the eastern portion of the site.

Date: 2/15/12

Photographer: Michael Blair



Site: Green City Dump Site

Photograph No.: 4

Direction: Northwest

Subject: View of EM-31 Geophysical field operations in central portion of site.

Date: 2/15/12

Photographer: Michael Blair



Site: Green Creek Dump Site

Photograph No.: 5

Direction: North

Subject: View of Geophysical investigation operation near Northwest area of site.

Date: 2/15/12

Photographer: Michael Blair



Site: Green Creek Dump Site

Photograph No.: 6

Direction: South

Subject: View of Geoprobe drilling operation at soil boring B01

Date: 2/16/12

Photographer: Michael Blair



Site: Green Creek Dump Site

Photograph No.: 7

Direction: Not Applicable

Subject: Field personnel monitoring groundwater quality in temporary well in soil boring B01.

Date: 2/16/12

Photographer: Michael Blair



Site: Green Creek Dump Site

Photograph No.: 8

Direction: West

Subject: Soil sample collection and temporary well installation at soil boring location B02.

Date: 2/16/12

Photographer: Michael Blair



Site: Green Creek Dump Site

Photograph No.: 9

Direction: Northeast

Subject: View of Geoprobe drilling operation at soil boring location B03.

Date: 2/21/12

Photographer: Michael Blair

APPENDIX F3
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

TABLE OF CONTENTS

1.0 INTRODUCTION..... 2
1.1 Background 2
1.2 Work Scope..... 2
2.0 GEOPHYSICAL SURVEY 3
2.1 Introduction..... 3
2.2 Theory 3
2.3 Topographic Normalization 4
2.3 Quality Assurance and Quality Control..... 4
3.0 GEOPHYSICAL INTERPRETATION 5
3.1 Introduction..... 5
3.2 Amert Lagoon..... 5
4.0 CONCLUSION 6
5.0 REFERENCES..... 7

LIST OF FIGURES

1. Site Location Map
2. Terrain Conductivity Map Amert Lagoon
3. Inphase (metals) Map Amert Lagoon

1.0 INTRODUCTION

1.1 BACKGROUND

Weston Solutions, Inc. contracted with THG Geophysics, Ltd. (THG) to image the Amert Lagoon 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 Amert Lagoon 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. 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 Amert Lagoon site (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 AMERT LAGOON

The Amert Lagoon was a former Whirlpool waste placement facility. Reportedly ceramic waste was placed at this location and excavated for proper burial off site. The Amert lagoon consists of 6.5 acres of a slightly elevated orthogonal area, clearly indicative of the presence of an engineered waste cell (Figure 12).

The low terrain conductivity readings suggests that there is little leachate present at the site; although the conductance footprint suggests a possible plume migrating to the southeast (Figure 2). The inphase map indicates that no metal is present at the site (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:

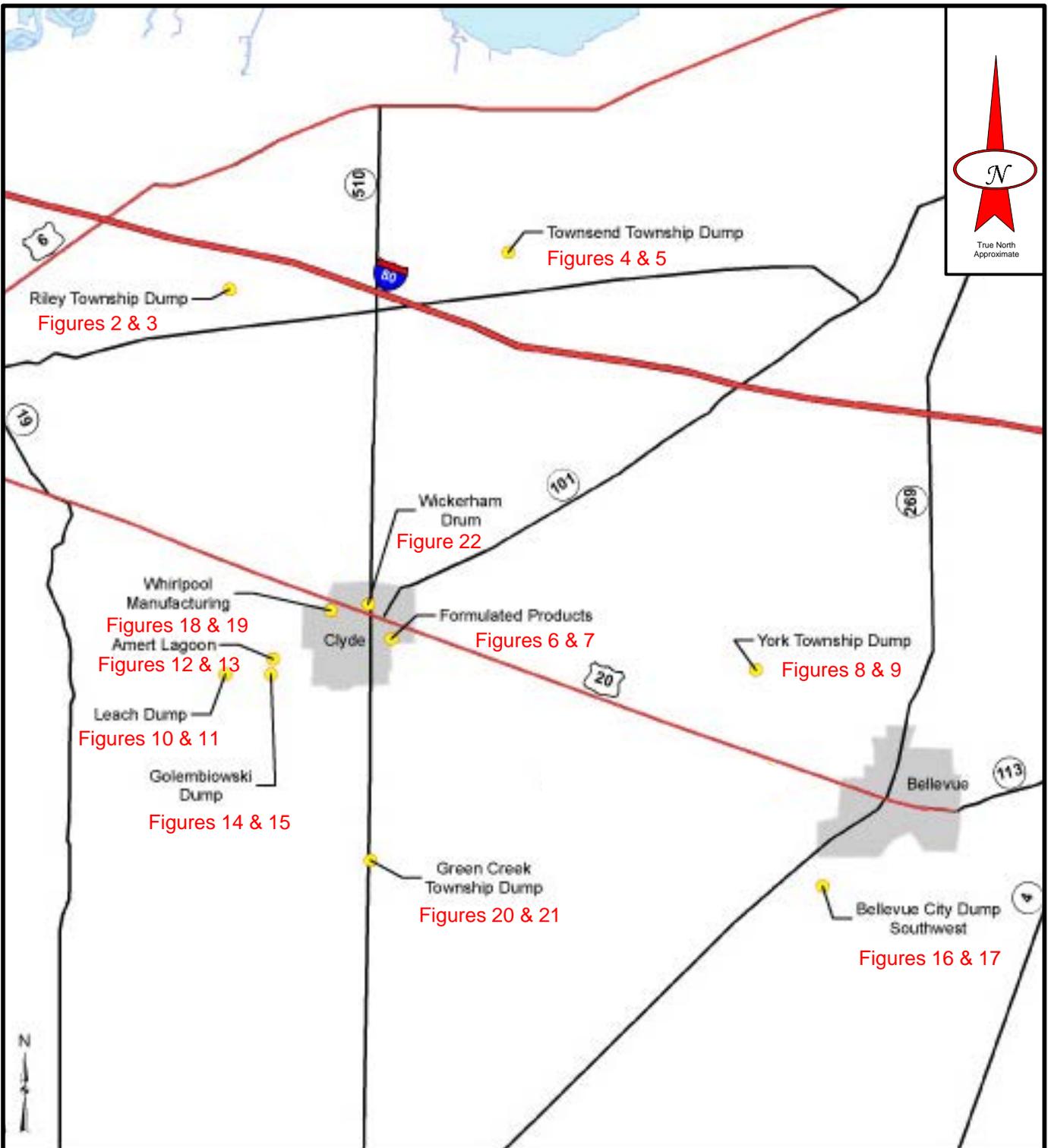
- The Amert Lagoon site showed no obvious signs of waste placement.

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.

5.0 REFERENCES

- Benson, R., R. A. Glaccum and M. R. Noel. (1988). Geophysical Techniques for Sensing Buried Wastes and Waste Migration. National Water Well Association Dublin, OH, 236 pp.
- Geonics Limited. (1994). EM31 Operating Manual (For Models With Two Digital Meters). Geonics Limited.
- Greenhouse, J. P., M. E. Monier-Williams, N. Ellert and D. D. Slaine. (1989). Paper 53, Geophysical methods in groundwater contamination studies. *In*, Garland, G. D., ed. Pp. 666-677. Proceedings of Exploration '87: Third Decennial International Conference on Geophysical and Geochemical Exploration for minerals and Groundwater, Queen's Printer for Ontario, Toronto, Canada.
- Greenhouse, J. P. and D. D. Slaine. (1983). The uses of reconnaissance electromagnetic methods to map contaminant migration. *Ground Water Monitoring Review*. 3: 47-59.
- Hutchinson, P. J. (1993). *An Energy Perspective on Landfills*. *In The Future of Energy Gases*: ed. D. Howell. US Geological Survey Professional Paper 1570, p. 365-382.
- Hutchinson, P. J. (1995). *The Geology of Landfills*. **Journal of Environmental Geosciences**. V. 2(1). p. 2-14.
- Hutchinson, P.J. (2006). *Geophysical Imaging Techniques as a Screening Tool*. *In: Proceedings of the North American Environmental Field Conference and Exposition*, January 10-12, 2006, Tampa, Florida.
- Hutchinson, P. J., and L. Barta (2000) *Geophysical Applications to Solid Waste Analysis*. *In Sixteenth International Conference on Solid Waste Technology and Management*, December 11, 2000, Philadelphia, PA. eds. Zandi, I., Mersky, R.L., Shieh W.K. p. 2.68–2.78. ISSN 1091-8043.
- Hutchinson, P.J. and L. Barta (2005). *Hi-Tech Blueprints: Electromagnetic Conductivity Mapping Can Calculate Landfill Volume*. **Waste Age**. v. 36(2) p. 20.
- Mack, T. J. and P. E. Maus. (1986). Detection of contaminant plumes in ground water of Long Island, New York, by electromagnetic terrain-conductivity surveys. USGS. Water-Resources Investigations. 86-4045. 39 pp.
- McNeill, J. D. (1980). Electromagnetic terrain conductivity measurement at low induction numbers. Geonics Limited. Technical Note. TN-6. 1-15 pp.
- McNeill, J. D. (1990). Use of electromagnetic methods for groundwater studies. *In*, Ward, S. H., ed. Pp. 191-218. Geotechnical and Environmental Geophysics, Society of Exploration Geophysicists, Tulsa, OK.

- McQuown, M. S., S. R. Becker, et al. (1991). Subsurface characterization of a landfill using integrated geophysical techniques. Proceedings of the Fifth National Outdoor Action Conference on Aquifer Restoration, Ground Water Monitoring and Geophysical Methods, May 13-16, 1991, Las Vegas, NV, Water Well Journal Publishing Co.
- Monier-Williams, M. E., J. P. Greenhouse, J. M. Mendes and N. Ellert. (1990). Terrain conductivity mapping with topographic corrections at three waste disposal sites in Brazil. *In*, Ward, S. H., ed. Pp. 41-55. Geotechnical and Environmental Geophysics, Society of Exploration Geophysicists, Tulsa, OK.
- Rumbaugh, J. O., III, J. A. Caldwell and S. T. Shaw. (1987). A geophysical ground water monitoring program for a sanitary landfill: Implementation and preliminary analysis. *In*, First National outdoor Action Conference on Aquifer Restoration, Ground Water Monitoring and Geophysical Methods. Graves, B., J. H. Lehr, K. Butcher, P. Alcorn, L. Ammerman, P. Williams, M. Renz and V. Shelton, ed. Pp. 623-641. National Water Well Association, Las Vegas, Nevada.
- Saunders, W. R. and S. A. Cox. (1987). Use of an electromagnetic Induction technique in subsurface hydrocarbon investigations. *In*, First National Outdoor Action Conference on Aquifer Restoration, Ground Water Monitoring and Geophysical Methods. Graves, B., J. H. Lehr, K. Butcher, P. Alcorn, L. Ammerman, P. Williams, M. Renz and V. Shelton, ed. Pp. 585-601. National Water Well Association, Las Vegas, Nevada.
- Scaife, J. E. (1990). Using geophysical techniques in environmental site assessments. *Municipal & Industrial Water & Pollution Control*. CXXVIII(4): 4-5.
- Schutts, L. D. and D. G. Nichols. (1991). Surface geophysical definition of ground water contamination and buried waste: Case studies of electrical conductivity and magnetic applications. *In*, Proceedings of the Fifth National Outdoor Action Conference on Aquifer Restoration, Ground Water Monitoring and Geophysical Methods, May 13-16, 1991. ed. Pp. 889-903. Water Well Journal Publishing Co., Las Vegas, NV.
- Stenson, R. W. (1988). Electromagnetic data acquisition techniques for landfill investigations. *In*, Symposium on the Application of Geophysics to Engineering Problems. ed. Pp. 735-746. The Society of Engineering & Mineral Exploration Geophysics, Golden, CO.



4280 Old William Penn Hwy
 Murrysville, Pennsylvania 15668
 (724) 325-3996 Fax: (724) 733-7901
 www.geo-image.com

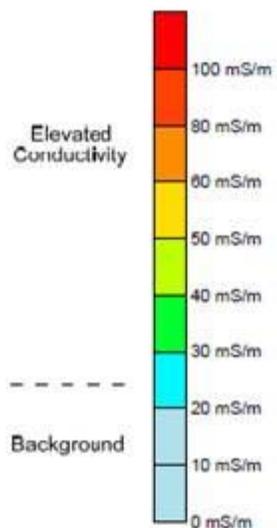


Figure 1 Site Location Map

Geophysical Investigation
 Eastern Sandusky County Project
 Clyde, Ohio

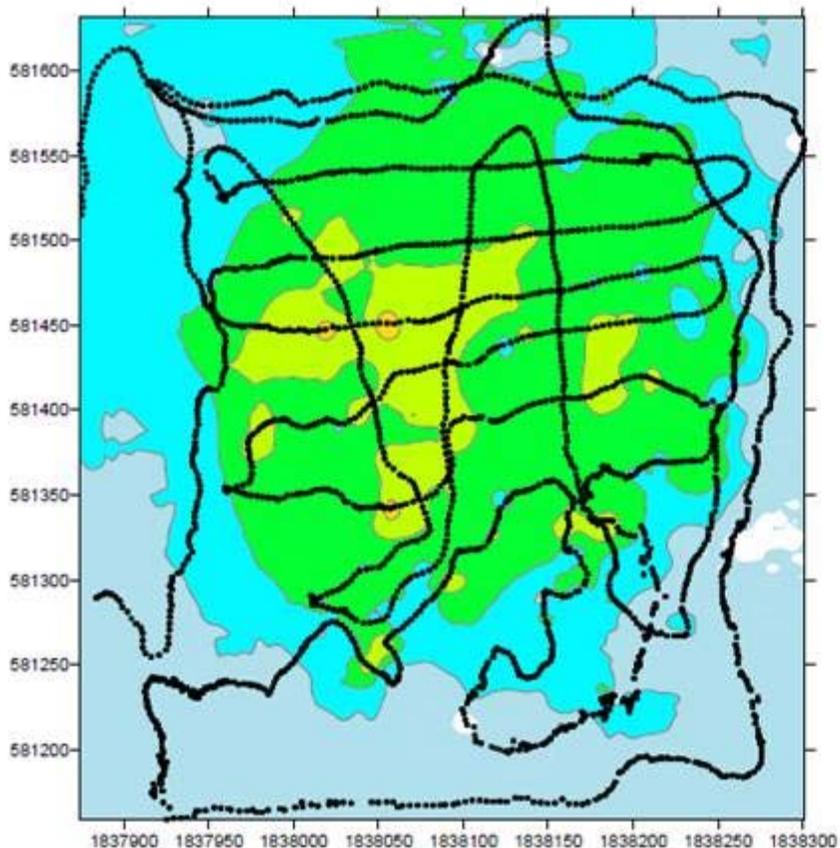
SCALE: 1:120,000	PROJECT NO.: 770-4980	DRAWING NO.: DWG4980F1
DATE : 2/17/12	SOURCE: Weston Solutions, 2012	
DRAWN BY: PJH		
CHECKED BY: PJH		

Color Scale



Legend

○ Footpath



Notes

Geophysical survey conducted February 15, 2012 using Geonics EM-31 frequency-domain electromagnetic conductivity meter.

Real-time positioning of data using fully integrated Trimble ProXR8S global positioning system set to NAD 1983 US State Plane (Ohio, North) coordinate system in feet.

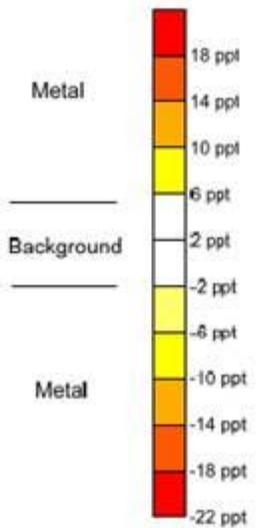
Locations are approximate.

THG GEOPHYSICS
©2012 Del William Pappas, Inc.
 Maryland, Pennsylvania, Texas
 17141-325-3000 Fax: (717) 733-1501
 www.geo-image.com

DES	PJA	2/17/12	PROJECT:
DRN	PJA	2/17/12	Geophysical Investigation Eastern Sandusky County Project Clyde, Ohio
CHK	PJA	2/17/12	
REV			
PROJ MOR.	PJA	2/17/12	SHEET TITLE:
SCALE: 1" = 75'			Figure 2
SOURCE: Base from Weston Solutions, 2012			Terrain Conductivity Map Green Creek Twp Dump
PREPARED FOR:			PROJECT NO:
			770-4980
			DRAWING NO: DWG4980F20

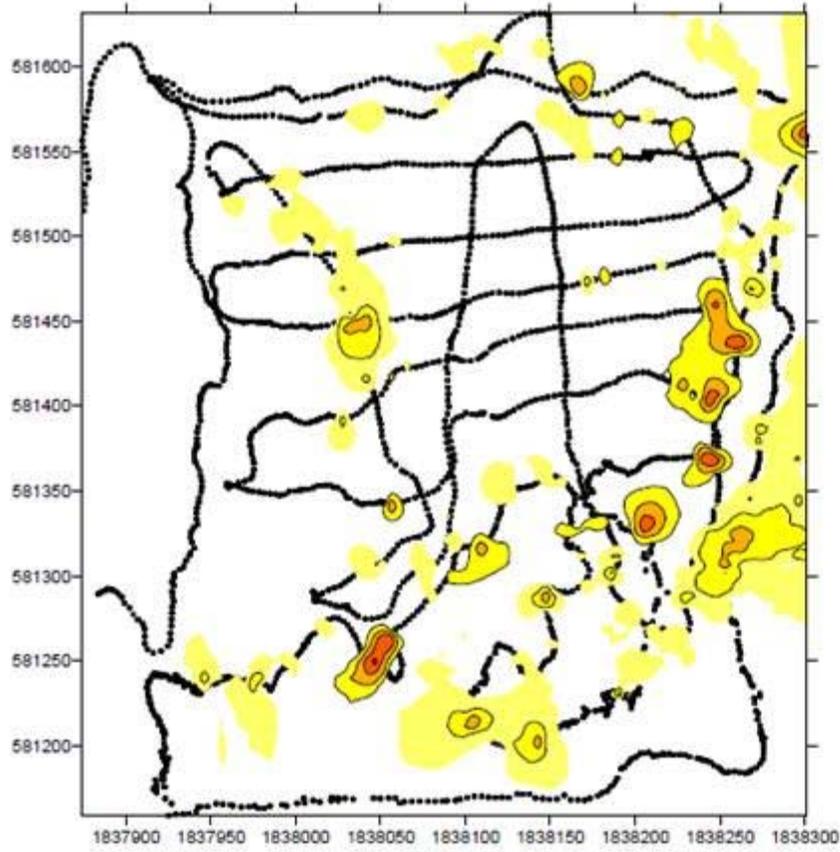


Color Scale



Legend

○ Footpath



Notes

Geophysical survey conducted February 15, 2012 using Geonics EM-31 frequency-domain electromagnetic conductivity meter.

Real-time positioning of data using fully integrated Trimble ProXR5 global positioning system set to NAD 1983 US State Plane (Ohio, North) coordinate system in feet.

Locations are approximate.

THG GEOPHYSICS
 2001 Old Wilson Farm Hwy
 Maryland, Pennsylvania 17098
 (717) 325-5000 Fax (717) 325-1501
 www.thg-geo.com

DES	PJA	2/17/12	PROJECT:
DRN	PJA	2/17/12	Geophysical Investigation Eastern Sandusky County Project Clyde, Ohio
CHK	PJA	2/17/12	
REV			
PROJ MOR.	PJA	2/17/12	SHEET TITLE:
SCALE: 1" = 75'			Figure 3
SOURCE: Base from Weston Solutions, 2012			Inphase (Metals) Map Green Creek Twp Dump
PREPARED FOR:			PROJECT NO:
			770-4980
			DRAWING NO: DWG4980F2.1

**APPENDIX F4
BORING LOGS**

Job Name	East Sandusky S.A.	Boring No.	GC-B01	Groundwater Levels	
Job No.	20405.012.001.1691.00	Well Type	GC-W01	Date	Depth
Date Drilled	16 Feb 12	Drilling Method	Direct Push		84.9'
Drilling Co.	Buckeye Probe	Completion Depth	19.0 (ft bgs)		
Drill Foreman	Rick Tosatto	Location	Green Creek Dump		
Logged By	Michael Blair	Ground Elevation	99.2 ft.		
Drill Rig Type	Geoprobe	Top of Casing Elevation	99.59 ft.		

Depth ft BGS	Sample Number/Time	Recovery (In.)	Well Log	USCS	Visual Description	FID/OVA HEATED HEADSPACE	
	GC-B01-S01-021612		[REDACTED]	CL	CLAY - Brown clay, some silt, trace rounded gravel, soft, moist. 0.5'		
	GC-B01-S01-021612-DP			CL	CLAY - Brown clay, some sand, some fill (wood, glass, black vegetation), soft, moist. 1.75'	0.1	
2		24		SW	SAND - Mottled orange & brown fine grained sand, trace fill (glass), loose, moist. 2.0'		
					FILL		N/A
4							N/A
6		0					N/A
8					FILL	Note: Shredded wood, loose, moist encountered @ 8.0 ft.	0.6
10		6					N/A
12							0.3
14		8			SW	SAND - Brown sand, some gravel/brick fragments, saturated, loose.	N/A
16						Note: Whitish grains (brick fragments?) observed in material @ 17.0 ft.	0.5
18		16				Note: Black staining @ 18.5'	N/A
					BR	LIMESTONE - Weathered limestone, loose, saturated. Refusal @ 19.0 ft.	

Well screen & sand pack
 Well riser/bentonite seal

Bentonite Seal
 Soil Vapor Screen Interval: ft. To ft.

Job Name	East Sandusky S.A.	Boring No.	GC-B02	Groundwater Levels
Job No.	20405.012.001.1691.00	Well Type	GC-W02	Date
Date Drilled	16 Feb 12	Drilling Method	Direct Push	84.54'
Drilling Co.	Buckeye Probe	Completion Depth	28.0 (ft bgs)	
Drill Foreman	Rick Tosatto	Location	Green Creek Dump	
Logged By	Michael Blair	Ground Elevation	95.83 ft.	
Drill Rig Type	Geoprobe	Top of Casing Elevation	98.33 ft.	

Depth ft BGS	Sample Number	Recovery (In.)	Well Log	USCS	Visual Description	FID/OVA HEATED HEADSPACE
0				TS	TOPSOIL - Brown, grass, roots, wet. 0.5'	
2		26		CL	CLAY - Brown clay, some silt, trace rock fragments, moist, soft. 0.3	
4					4.0'	N/A
6	GC-B02-S01-021612 1640 hrs.	24		FILL	ASPHALT - Black asphalt fill, loose, moist. Note: 6 in. greenish gray sand seam with petroleum odor, wet @ 5.0 ft. 5.5'	1
8				CL	CLAY - Mottled gray/black clay, some silt, trace fine-grained sand, soft, moist. 8.0'	N/A
10		22		SM	SAND/SILT - Mottled greenish gray & brown sand & silt, soft, moist. 12.0'	N/A
12					Note: 6 in. seam of concrete @ 11.0 ft. Note: Large piece of wood @ 11.5 ft.	0.3
14		10		FILL	FILL - Black asphalt shingles, dry, loose. N/A	N/A
16					FILL - Brown shredded wood, loose, saturated. N/A	N/A
18		6				N/A

 Well screen & sand pack
 Well riser/bentonite seal

 Bentonite Seal
 Soil Vapor Screen Interval: 13 ft. To 16 ft.

Job Name	East Sandusky S.A.	Boring No.	GC-B02	Groundwater Levels	
Job No.	20405.012.001.1691.00	Well Type	GC-W02	Date	
Date Drilled	16 Feb 12	Drilling Method	Direct Push		84.54'
Drilling Co.	Buckeye Probe	Completion Depth	28.0 (ft bgs)		
Drill Foreman	Rick Tosatto	Location	Green Creek Dump		
Logged By	Michael Blair	Ground Elevation	95.83 ft.		
Drill Rig Type	Geoprobe	Top of Casing Elevation	98.33 ft.		

Depth ft BGS	Sample Number	Recovery (In.)	Well Log	USCS	Visual Description	FID/OVA HEATED HEADSPACE	
20		6		FILL	FILL - Brown shredded wood, loose, saturated.	N/A	
22		16				N/A	
24						23.5'	0.2
26		21		BR	BEDROCK - Weathered limestone, broken, saturated.	N/A	
28					28'	N/A	
30					Boring terminated @ 28.0 ft.		
32							
34							
36							

 Well screen & sand pack
 Well riser/bentonite seal

 Bentonite Seal
 Soil Vapor Screen Interval: 13 ft. To 16 ft.

Job Name	East Sandusky S.A.	Boring No.	GC-B03	Groundwater Levels
Job No.	20405.012.001.1691.00	Well Type	GC-W03	Date
Date Drilled	21 Feb 12	Drilling Method	Direct Push	84.81'
Drilling Co.	Buckeye Probe	Completion Depth	15.5 (ft bgs)	
Drill Foreman	Rick Tosatto	Location	Green Creek Dump	
Logged By	Michael Blair	Ground Elevation	97.83 ft.	
Drill Rig Type	Geoprobe	Top of Casing Elevation	102 ft.	

Depth ft BGS	Sample Number/Time	Recovery (In.)	Well Log	USCS	Visual Description	FID/OVA HEATED HEADSPACE
				TS	TOPSOIL - Brown clay, grass, roots, wet. 0.5'	
				CL	CLAY - Brown clay, some silt, trace gravel, stiff, moist. 1.5'	0.4
2	GC-B03-S01-022112	27			Note: From 16 to 23 in. is a layer of black vegetation.	
	1415 hrs.				FILL - Mixture of fill material (wood, glass, styrofoam) and clay with some silt, trace limestone fragments, moist, loose.	N/A
4						
6		15				7.9
8				FILL		N/A
					FILL - Black asphalt shingles, dry, loose. 8.0'	N/A
10		15				N/A
12						N/A
14		13				N/A
16				BR	BEDROCK - Weathered limestone, broken, saturated. 15.5'	N/A
16					Boring terminated @ 15.5'	
18						

 Well screen & sand pack
 Well riser/bentonite seal

 Bentonite Seal
 Soil Vapor Screen Interval: 6 ft. To 7 ft.

Job Name	East Sandusky S.A.	Boring No.	GC-B04	Groundwater Levels	
Job No.	20405.012.001.1691.00	Well Type	N/A	Date	Depth
Date Drilled	21 Feb 12	Drilling Method	Direct Push		
Drilling Co.	Buckeye Probe	Completion Depth	4.0 (ft bgs)		
Drill Foreman	Rick Tosatto	Location	Green Creek 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
2		24		TS	TOPSOIL - Brown, grass, roots, wet.	0.5'
				CL	CLAY - Brown clay, some silt, moist, stiff.	N/A
	GC-B04-S01-022112					3.0'
4	1515 hrs.			BR	BEDROCK - Weathered limestone, some silt, hard, moist.	4.0'
6					Boring terminated @ 4.0 ft.	
8						
10						
12						
14						
16						
18						

Well screen & sand pack
Well riser/bentonite seal

Bentonite Seal
Soil Vapor Screen Interval: ft. To ft.

APPENDIX F5
ANALYTICAL DATA VALIDATION REPORTS

**EASTERN SANDUSKY COUNTY DUMPS
SANDUSKY COUNTY, OHIO
DATA VALIDATION REPORT**

Date: March 13, 2012

Laboratory: ALS Environmental (ALS), Holland, Michigan

Laboratory Project #: 1202544

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 17 soil samples plus two trip blanks 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.

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
RD-B01-S01-021512	1202544-01	Soil	2/15/2012	2/22/2012
RD-B01-S02-021512	1202544-02	Soil	2/15/2012	2/22/2012
RD-B02-S01-021512	1202544-03	Soil	2/15/2012	2/22/2012
RD-B02-S02-021512	1202544-04	Soil	2/15/2012	2/23/2012
YD-B01-S01-021512	1202544-05	Soil	2/15/2012	2/22/2012
YD-B01-S01-021512-DP	1202544-06	Soil	2/15/2012	2/22/2012
YD-B02-S01-021512	1202544-07	Soil	2/15/2012	2/22/2012
YD-B03-S01-021512	1202544-08	Soil	2/15/2012	2/22/2012
WM-B01-S01-021612	1202544-17	Soil	2/16/2012	2/23/2012
WM-B01-S02-021612	1202544-18	Soil	2/16/2012	2/23/2012
WM-B02-S01-021612	1202544-19	Soil	2/16/2012	2/21/2012
WM-B02-S02-021612	1202544-20	Soil	2/16/2012	2/21/2012
WM-B03-S01-021612	1202544-21	Soil	2/16/2012	2/21/2012
WM-B03-S02-021612	1202544-22	Soil	2/16/2012	2/21/2012
GC-B01-S01-021612	1202544-23	Soil	2/16/2012	2/21/2012
GC-B01-S01-021612-DP	1202544-24	Soil	2/16/2012	2/21/2012
GC-B02-S01-021612	1202544-25	Soil	2/16/2012	2/21/2012
Trip Blank CLR #1	1202544-35	Soil	2/15/2012	2/21/2012
Trip Blank CLR #2	1202544-36	Soil	2/16/2012	2/23/2012

2. Holding Times

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

3. Blanks

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

In addition, the trip blanks 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. A couple of compounds were detected slightly high in a couple of the LCSs. Because these compounds were not detected in the samples, no qualifications are required.

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

Two site-specific MS and MSDs were analyzed using samples WM-B02-S01-021612 and GC-B01-S01-021612 as the spiked samples. The percent recoveries and RPDs were with QC limits except for as follows. In both MS/MSD samples, some of the compounds were detected low. The quantitation limits for these compounds in the respective parent samples (WM-B02-S01-021612 and GC-B01-S01-021612) were flagged "UJ" as estimated due to potential matrix interference. Note that for the majority of compounds, the recoveries and RPDs were within QC limits indicating little to no matrix interference.

7. Field Duplicate Results

There are two field duplicates associated with this work order: YD-B01-S01-021512-DP and GC-B01-S01-021612-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.

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
RD-B01-S01-021512	1202544-09	Soil	2/15/2012	2/21/2012
RD-B01-S02-021512	1202544-10	Soil	2/15/2012	2/21/2012
RD-B02-S01-021512	1202544-11	Soil	2/15/2012	2/21/2012
RD-B02-S02-021512	1202544-12	Soil	2/15/2012	2/21/2012
YD-B01-S01-021512	1202544-13	Soil	2/15/2012	2/21/2012
YD-B01-S01-021512-DP	1202544-14	Soil	2/15/2012	2/21/2012
YD-B02-S01-021512	1202544-15	Soil	2/15/2012	2/21/2012
YD-B03-S01-021512	1202544-16	Soil	2/15/2012	2/23/2012
WM-B01-S01-021612	1202544-26	Soil	2/16/2012	2/23/2012
WM-B01-S02-021612	1202544-27	Soil	2/16/2012	2/23/2012
WM-B02-S01-021612	1202544-28	Soil	2/16/2012	2/23/2012
WM-B02-S02-021612	1202544-29	Soil	2/16/2012	2/24/2012
WM-B03-S01-021612	1202544-30	Soil	2/16/2012	2/24/2012
WM-B03-S02-021612	1202544-31	Soil	2/16/2012	2/23/2012
GC-B01-S01-021612	1202544-32	Soil	2/16/2012	2/21/2012
GC-B01-S01-021612-DP	1202544-33	Soil	2/16/2012	2/24/2012
GC-B02-S01-021612	1202544-34	Soil	2/16/2012	2/24/2012

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

Site-specific MS and MSDs were analyzed using samples WM-B02-S01-021612, WM-B03-S02-021612, and GC-B01-S01-021612 as the spiked samples. The percent recoveries and RPDs were with QC limits for the majority of compounds. In one of the MS/MSDs, one compound was detected high; however, this compound was not detected in the parent sample and no qualifications were warranted.

7. Field Duplicate Results

There are two field duplicates associated with this work order: YD-B01-S01-021512-DP and GC-B01-S01-021612-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
RD-B01-S01-021512	1202544-01	Soil	2/15/2012	2/20/2012	2/23/2012
RD-B01-S02-021512	1202544-02	Soil	2/15/2012	2/20/2012	2/25/2012
RD-B02-S01-021512	1202544-03	Soil	2/15/2012	2/20/2012	2/25/2012
RD-B02-S02-021512	1202544-04	Soil	2/15/2012	2/20/2012	2/25/2012
YD-B01-S01-021512	1202544-05	Soil	2/15/2012	2/21/2012	2/27/2012
YD-B01-S01-021512-DP	1202544-06	Soil	2/15/2012	2/21/2012	2/23/2012
YD-B02-S01-021512	1202544-07	Soil	2/15/2012	2/21/2012	2/23/2012
YD-B03-S01-021512	1202544-08	Soil	2/15/2012	2/21/2012	2/27/2012
WM-B01-S01-021612	1202544-17	Soil	2/16/2012	2/21/2012	2/25/2012
WM-B01-S02-021612	1202544-18	Soil	2/16/2012	2/21/2012	2/25/2012
WM-B02-S01-021612	1202544-19	Soil	2/16/2012	2/20/2012	2/23/2012
WM-B02-S02-021612	1202544-20	Soil	2/16/2012	2/21/2012	2/25/2012

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
WM-B03-S01-021612	1202544-21	Soil	2/16/2012	2/28/2012	2/28/2012
WM-B03-S02-021612	1202544-22	Soil	2/16/2012	2/21/2012	2/25/2012
GC-B01-S01-021612	1202544-23	Soil	2/16/2012	2/21/2012	2/27/2012
GC-B01-S01-021612-DP	1202544-24	Soil	2/16/2012	2/21/2012	2/25/2012
GC-B02-S01-021612	1202544-25	Soil	2/16/2012	2/21/2012	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**

Method blanks were analyzed with the SVOC analyses. The method blanks were free of target compound contamination above the reporting limits. Di-n-butyl phthalate was detected below the reporting limit in one of the method blanks. The sample concentrations were non-detect for this SVOC and no qualifications were warranted.

4. **Surrogate Results**

The surrogate recoveries were within the laboratory-established QC limits except as follows. In two samples, a couple of the surrogates were outside QC limits; however, no qualifications were required. The surrogates were not recovered adequately because of sample dilution.

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.

Some compounds were detected high in an LCS and some compounds were detected low. For the compounds detected high in the LCS, the compound was not detected in the samples and no qualifications were required. 4-Nitroanaline was detected low in the LCS samples. The quantitation limits for 4-nitroanaline were flagged "UJ" as estimated.

6. **MS and MSD Results**

Two site-specific MS and MSDs were analyzed using samples WM-B02-S01-021612 and GC-B01-S01-021612 as the spiked samples. The percent recoveries and RPDs were with QC limits except for as follows.

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1202544

In both MS/MSDs, some compounds were detected slightly above the QC limit for recovery; however, sample results were non-detect and no qualifications were required.

In the MS/MSD of sample WM-B02-S01-021612, 4-nitroaniline was detected low. In sample WM-B02-S01-021612, the quantitation limit for 4-nitroaniline was flagged "UJ" as estimated.

In the MS/MSD of sample GC-B01-S01-021612; 2,4-dinitrophenol was detected low. In sample GC-B01-S01-021612, the quantitation limit for 2,4-dinitrophenol was flagged "UJ" as estimated

7. Field Duplicate Results

There are two field duplicates associated with this work order: YD-B01-S01-021512-DP and GC-B01-S01-021612-DP. Most results were non-detect. RPDs were calculated for detected SVOCs.

For field duplicate YD-B01-S01-021512-DP, the RPDs ranged from 115 to 129 percent. These RPDs are elevated and indicate some sample heterogeneity associated with detected SVOCs in this sample.

For field duplicate GC-B01-S01-021612-DP, the RPDs ranged from 0 to 55 percent. These RPDs are acceptable and indicated good correlation between the parent sample and field duplicate for this sample.

8. Overall Assessment

The SVOC data are acceptable for use as qualified 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
RD-B01-S01-021512	1202544-09	Soil	2/15/2012	2/22/2012	2/24/2012
RD-B01-S02-021512	1202544-10	Soil	2/15/2012	2/22/2012	2/24/2012
RD-B02-S01-021512	1202544-11	Soil	2/15/2012	2/22/2012	2/24/2012
RD-B02-S02-021512	1202544-12	Soil	2/15/2012	2/22/2012	2/24/2012
YD-B01-S01-021512	1202544-13	Soil	2/15/2012	2/22/2012	2/24/2012
YD-B01-S01-021512-DP	1202544-14	Soil	2/15/2012	2/22/2012	2/24/2012
YD-B02-S01-021512	1202544-15	Soil	2/15/2012	2/22/2012	2/24/2012
YD-B03-S01-021512	1202544-16	Soil	2/15/2012	2/23/2012	2/24/2012
WM-B01-S01-021612	1202544-26	Soil	2/16/2012	2/23/2012	2/24/2012
WM-B01-S02-021612	1202544-27	Soil	2/16/2012	2/23/2012	2/24/2012
WM-B02-S01-021612	1202544-28	Soil	2/16/2012	2/23/2012	2/24/2012
WM-B02-S02-021612	1202544-29	Soil	2/16/2012	2/23/2012	2/24/2012
WM-B03-S01-021612	1202544-30	Soil	2/16/2012	2/23/2012	2/24/2012
WM-B03-S02-021612	1202544-31	Soil	2/16/2012	2/23/2012	2/24/2012
GC-B01-S01-021612	1202544-32	Soil	2/16/2012	2/23/2012	2/24/2012
GC-B01-S01-021612-DP	1202544-33	Soil	2/16/2012	2/23/2012	2/24/2012
GC-B02-S01-021612	1202544-34	Soil	2/16/2012	2/23/2012	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

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

Two site-specific MS and MSDs were analyzed using samples WM-B02-S01-021612 and GC-B01-S01-021612 as the spiked samples. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

There are two field duplicates associated with this work order: YD-B01-S01-021512-DP and GC-B01-S01-021612-DP. Both samples contained no detections of target analytes above the reporting limit.

8. Overall Assessment

The 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
RD-B01-S01-021512	1202544-01	Soil	2/15/2012	2/23/2012	2/26/2012
RD-B01-S02-021512	1202544-02	Soil	2/15/2012	2/23/2012	2/26/2012
RD-B02-S01-021512	1202544-03	Soil	2/15/2012	2/23/2012	2/26/2012
RD-B02-S02-021512	1202544-04	Soil	2/15/2012	2/23/2012	2/26/2012
YD-B01-S01-021512	1202544-05	Soil	2/15/2012	2/23/2012	2/26/2012
YD-B01-S01-021512-DP	1202544-06	Soil	2/15/2012	2/23/2012	2/26/2012
YD-B02-S01-021512	1202544-07	Soil	2/15/2012	2/23/2012	2/26/2012
YD-B03-S01-021512	1202544-08	Soil	2/15/2012	2/23/2012	2/26/2012
WM-B01-S01-021612	1202544-17	Soil	2/16/2012	2/23/2012	2/26/2012
WM-B01-S02-021612	1202544-18	Soil	2/16/2012	2/23/2012	2/26/2012
WM-B02-S01-021612	1202544-19	Soil	2/16/2012	2/23/2012	2/26/2012
WM-B02-S02-021612	1202544-20	Soil	2/16/2012	2/23/2012	2/26/2012
WM-B03-S01-021612	1202544-21	Soil	2/16/2012	2/23/2012	2/26/2012
WM-B03-S02-021612	1202544-22	Soil	2/16/2012	2/23/2012	2/26/2012

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
GC-B01-S01-021612	1202544-23	Soil	2/16/2012	2/23/2012	2/26/2012
GC-B01-S01-021612-DP	1202544-24	Soil	2/16/2012	2/23/2012	2/26/2012
GC-B02-S01-021612	1202544-25	Soil	2/16/2012	2/23/2012	2/26/2012

2. **Holding Times**

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

3. **Blanks**

A method blank was analyzed with the 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 WM-B02-S01-021612 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: YD-B01-S01-021512-DP and GC-B01-S01-021612-DP. Most results were non-detect. For detected PCBs, the RPDs were calculated to be 8 and 30 percent which are acceptable. There was good correlation between the parent and field duplicate samples for PCBs.

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
RD-B01-S01-021512	1202544-01	Soil	2/15/2012	2/23/2012	2/26/2012
RD-B01-S02-021512	1202544-02	Soil	2/15/2012	2/23/2012	2/26/2012
RD-B02-S01-021512	1202544-03	Soil	2/15/2012	2/23/2012	2/26/2012
RD-B02-S02-021512	1202544-04	Soil	2/15/2012	2/23/2012	2/26/2012
YD-B01-S01-021512	1202544-05	Soil	2/15/2012	2/23/2012	2/26/2012
YD-B01-S01-021512-DP	1202544-06	Soil	2/15/2012	2/23/2012	2/26/2012
YD-B02-S01-021512	1202544-07	Soil	2/15/2012	2/23/2012	2/26/2012
YD-B03-S01-021512	1202544-08	Soil	2/15/2012	2/23/2012	2/26/2012
WM-B01-S01-021612	1202544-17	Soil	2/16/2012	2/23/2012	2/26/2012
WM-B01-S02-021612	1202544-18	Soil	2/16/2012	2/23/2012	2/26/2012
WM-B02-S01-021612	1202544-19	Soil	2/16/2012	2/23/2012	2/26/2012
WM-B02-S02-021612	1202544-20	Soil	2/16/2012	2/23/2012	2/26/2012
WM-B03-S01-021612	1202544-21	Soil	2/16/2012	2/23/2012	2/26/2012
WM-B03-S02-021612	1202544-22	Soil	2/16/2012	2/23/2012	2/26/2012
GC-B01-S01-021612	1202544-23	Soil	2/16/2012	2/23/2012	2/28/2012
GC-B01-S01-021612-DP	1202544-24	Soil	2/16/2012	2/23/2012	2/29/2012
GC-B02-S01-021612	1202544-25	Soil	2/16/2012	2/23/2012	2/26/2012

2. Holding Times

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

3. Blanks

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

4. Surrogates

The surrogate recoveries were within QC limits except for as follows. In a few samples, one of the two surrogates was detected above the QC limit. In each instance, the sample was diluted. No qualifications are required in these instances.

5. LCS Results

The LCS and LCSD recoveries and RPDs were within the laboratory-established QC limits except for as follows. Endrin and methoxychlor were detected high. No qualifications were required because these compounds were not detected in the samples.

6. MS and MSD Results

Two site-specific MS and MSDs were analyzed using sample WM-B02-S01-021612 and GC-B01-S01-021612 as the spiked samples.

For the MS/MSD using sample WM-B02-S01-021612, the percent recoveries and RPDs were within QC limits.

For the MS/MSD using sample GC-B01-S01-021612, some of the percent recoveries were high, above the QC limits. Because these pesticides were not detected in sample GC-B01-S01-021612, no qualifications were applied.

7. Field Duplicate Results

There are two field duplicates associated with this work order: YD-B01-S01-021512-DP and GC-B01-S01-021612-DP. Most results were non-detect. For detected pesticides, the RPDs were calculated to be 6 and 23 percent which are acceptable. There was good correlation between the parent and field duplicate samples for pesticides.

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
RD-B01-S01-021512	1202544-09	Soil	2/15/2012	2/23/2012	2/25/2012
RD-B01-S02-021512	1202544-10	Soil	2/15/2012	2/23/2012	2/25/2012
RD-B02-S01-021512	1202544-11	Soil	2/15/2012	2/23/2012	2/25/2012
RD-B02-S02-021512	1202544-12	Soil	2/15/2012	2/23/2012	2/25/2012
YD-B01-S01-021512	1202544-13	Soil	2/15/2012	2/23/2012	2/25/2012
YD-B01-S01-021512-DP	1202544-14	Soil	2/15/2012	2/23/2012	2/25/2012
YD-B02-S01-021512	1202544-15	Soil	2/15/2012	2/23/2012	2/25/2012
YD-B03-S01-021512	1202544-16	Soil	2/15/2012	2/23/2012	2/25/2012
WM-B01-S01-021612	1202544-26	Soil	2/16/2012	2/23/2012	2/25/2012
WM-B01-S02-021612	1202544-27	Soil	2/16/2012	2/23/2012	2/25/2012
WM-B02-S01-021612	1202544-28	Soil	2/16/2012	2/23/2012	2/25/2012
WM-B02-S02-021612	1202544-29	Soil	2/16/2012	2/23/2012	2/25/2012
WM-B03-S01-021612	1202544-30	Soil	2/16/2012	2/23/2012	2/25/2012
WM-B03-S02-021612	1202544-31	Soil	2/16/2012	2/23/2012	2/25/2012
GC-B01-S01-021612	1202544-32	Soil	2/16/2012	2/24/2012	2/26/2012
GC-B01-S01-021612-DP	1202544-33	Soil	2/16/2012	2/23/2012	2/25/2012
GC-B02-S01-021612	1202544-34	Soil	2/16/2012	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

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

4. Surrogates

The surrogate recoveries were within QC limits.

5. **LCS Results**

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

6. **MS and MSD Results**

Two site-specific MS and MSDs were analyzed using sample WM-B02-S01-021612 and GC-B01-S01-021612 as the spiked samples. 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 because the compound was not detected in the samples.

7. **Field Duplicate Results**

There are two field duplicates associated with this work order: YD-B01-S01-021512-DP and GC-B01-S01-021612-DP. Both samples contained no detections of target analytes above the reporting limit.

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
RD-B01-S01-021512	1202544-01	Soil	2/15/2012	2/22/2012	2/24/2012
RD-B01-S02-021512	1202544-02	Soil	2/15/2012	2/22/2012	2/24/2012
RD-B02-S01-021512	1202544-03	Soil	2/15/2012	2/22/2012	2/24/2012
RD-B02-S02-021512	1202544-04	Soil	2/15/2012	2/22/2012	2/24/2012
YD-B01-S01-021512	1202544-05	Soil	2/15/2012	2/22/2012	2/24/2012
YD-B01-S01-021512-DP	1202544-06	Soil	2/15/2012	2/22/2012	2/24/2012
YD-B02-S01-021512	1202544-07	Soil	2/15/2012	2/23/2012	2/24/2012
YD-B03-S01-021512	1202544-08	Soil	2/15/2012	2/23/2012	2/24/2012
WM-B01-S01-021612	1202544-17	Soil	2/16/2012	2/23/2012	2/24/2012
WM-B01-S02-021612	1202544-18	Soil	2/16/2012	2/23/2012	2/24/2012
WM-B02-S01-021612	1202544-19	Soil	2/16/2012	2/22/2012	2/24/2012
WM-B02-S02-021612	1202544-20	Soil	2/16/2012	2/23/2012	2/24/2012

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
WM-B03-S01-021612	1202544-21	Soil	2/16/2012	2/23/2012	2/24/2012
WM-B03-S02-021612	1202544-22	Soil	2/16/2012	2/23/2012	2/24/2012
GC-B01-S01-021612	1202544-23	Soil	2/16/2012	2/23/2012	2/24/2012
GC-B01-S01-021612-DP	1202544-24	Soil	2/16/2012	2/23/2012	2/24/2012
GC-B02-S01-021612	1202544-25	Soil	2/16/2012	2/23/2012	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**

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

4. **Surrogates**

The surrogate recoveries were within QC limits.

5. **LCS Results**

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

6. **MS and MSD Results**

Two site-specific MS and MSDs were analyzed using samples WM-B02-S01-021612 and GC-B01-S01-021612 as the spiked samples. The percent recoveries and RPDs were with QC limits.

7. **Field Duplicate Results**

There are two field duplicates associated with this work order: YD-B01-S01-021512-DP and GC-B01-S01-021612-DP. Both samples contained no detections of target analytes above the reporting limit.

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
RD-B01-S01-021512	1202544-09	Soil	2/15/2012	2/21/2012	2/21/2012
RD-B01-S02-021512	1202544-10	Soil	2/15/2012	2/21/2012	2/21/2012
RD-B02-S01-021512	1202544-11	Soil	2/15/2012	2/21/2012	2/21/2012
RD-B02-S02-021512	1202544-12	Soil	2/15/2012	2/21/2012	2/21/2012
YD-B01-S01-021512	1202544-13	Soil	2/15/2012	2/21/2012	2/21/2012
YD-B01-S01-021512-DP	1202544-14	Soil	2/15/2012	2/21/2012	2/21/2012
YD-B02-S01-021512	1202544-15	Soil	2/15/2012	2/21/2012	2/21/2012
YD-B03-S01-021512	1202544-16	Soil	2/15/2012	2/21/2012	2/21/2012
WM-B01-S01-021612	1202544-26	Soil	2/16/2012	2/21/2012	2/21/2012
WM-B01-S02-021612	1202544-27	Soil	2/16/2012	2/21/2012	2/21/2012
WM-B02-S01-021612	1202544-28	Soil	2/16/2012	2/21/2012	2/21/2012
WM-B02-S02-021612	1202544-29	Soil	2/16/2012	2/21/2012	2/21/2012
WM-B03-S01-021612	1202544-30	Soil	2/16/2012	2/21/2012	2/21/2012
WM-B03-S02-021612	1202544-31	Soil	2/16/2012	2/21/2012	2/21/2012
GC-B01-S01-021612	1202544-32	Soil	2/16/2012	2/23/2012	2/24/2012
GC-B01-S01-021612-DP	1202544-33	Soil	2/16/2012	2/23/2012	2/24/2012
GC-B02-S01-021612	1202544-34	Soil	2/16/2012	2/23/2012	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 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

Two site-specific MS and MSDs were analyzed using sample WM-B02-S01-021612 and GC-B01-S01-021612 as the spiked samples. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

There are two field duplicates associated with this work order: YD-B01-S01-021512-DP and GC-B01-S01-021612-DP. Both samples contained no detections of target analytes above the reporting limit.

8. Overall Assessment

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

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
RD-B01-S01-021512	1202544-01	Soil	2/15/2012	2/21/2012 – 2/23/2012
RD-B01-S02-021512	1202544-02	Soil	2/15/2012	2/21/2012 – 2/23/2012
RD-B02-S01-021512	1202544-03	Soil	2/15/2012	2/21/2012 – 2/23/2012
RD-B02-S02-021512	1202544-04	Soil	2/15/2012	2/21/2012 – 2/23/2012
YD-B01-S01-021512	1202544-05	Soil	2/15/2012	2/21/2012 – 2/23/2012
YD-B01-S01-021512-DP	1202544-06	Soil	2/15/2012	2/21/2012 – 2/23/2012
YD-B02-S01-021512	1202544-07	Soil	2/15/2012	2/21/2012 – 2/23/2012
YD-B03-S01-021512	1202544-08	Soil	2/15/2012	2/21/2012 – 2/23/2012
WM-B01-S01-021612	1202544-17	Soil	2/16/2012	2/21/2012 – 2/23/2012
WM-B01-S02-021612	1202544-18	Soil	2/16/2012	2/21/2012 – 2/23/2012
WM-B02-S01-021612	1202544-19	Soil	2/16/2012	2/21/2012 – 2/23/2012
WM-B02-S02-021612	1202544-20	Soil	2/16/2012	2/23/2012
WM-B03-S01-021612	1202544-21	Soil	2/16/2012	2/23/2012
WM-B03-S02-021612	1202544-22	Soil	2/16/2012	2/23/2012
GC-B01-S01-021612	1202544-23	Soil	2/16/2012	2/22/2012 – 2/23/2012

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
GC-B01-S01-021612-DP	1202544-24	Soil	2/16/2012	2/23/2012
GC-B02-S01-021612	1202544-25	Soil	2/16/2012	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**

Two site-specific MS and MSDs were analyzed using samples WM-B02-S01-021612 and GC-B01-S01-021612 as the spiked samples. 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. For metals detected below the QC limit, detected results were qualified "J" as estimated and the quantitation limits for non-detected results were flagged "UJ" as estimated in the parent samples. For metals detected above the QC limit, only detected results were flagged "J" as estimated in the parent samples.

6. Field Duplicate Results

There are two field duplicates associated with this work order: YD-B01-S01-021512-DP and GC-B01-S01-021612-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 YD-B01-S01-021512-DP for iron, lead, and magnesium; and with field duplicate GC-B01-S01-021612-DP for barium. 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.

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
RD-B01-S01-021512	1202544-09	Soil	2/15/2012	2/22/2012 – 2/24/2012
RD-B01-S02-021512	1202544-10	Soil	2/15/2012	2/22/2012 – 2/24/2012
RD-B02-S01-021512	1202544-11	Soil	2/15/2012	2/22/2012 – 2/23/2012
RD-B02-S02-021512	1202544-12	Soil	2/15/2012	2/22/2012 – 2/23/2012
YD-B01-S01-021512	1202544-13	Soil	2/15/2012	2/22/2012 – 2/23/2012
YD-B01-S01-021512-DP	1202544-14	Soil	2/15/2012	2/22/2012 – 2/23/2012
YD-B02-S01-021512	1202544-15	Soil	2/15/2012	2/22/2012 – 2/23/2012
YD-B03-S01-021512	1202544-16	Soil	2/15/2012	2/22/2012 – 2/23/2012
WM-B01-S01-021612	1202544-26	Soil	2/16/2012	2/22/2012 – 2/23/2012
WM-B01-S02-021612	1202544-27	Soil	2/16/2012	2/22/2012 – 2/23/2012
WM-B02-S01-021612	1202544-28	Soil	2/16/2012	2/22/2012 – 2/24/2012
WM-B02-S02-021612	1202544-29	Soil	2/16/2012	2/22/2012 – 2/24/2012
WM-B03-S01-021612	1202544-30	Soil	2/16/2012	2/22/2012 – 2/24/2012
WM-B03-S02-021612	1202544-31	Soil	2/16/2012	2/22/2012 – 2/24/2012
GC-B01-S01-021612	1202544-32	Soil	2/16/2012	2/22/2012 – 2/24/2012
GC-B01-S01-021612-DP	1202544-33	Soil	2/16/2012	2/22/2012 – 2/24/2012
GC-B02-S01-021612	1202544-34	Soil	2/16/2012	2/22/2012 – 2/24/2012

2. **Holding Times**

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

3. **Blank Results**

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

4. **LCS Results**

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

5. **MS and MSD Results**

Two site-specific MS and MSDs were analyzed using samples WM-B02-S01-021612 and GC-B01-S01-021612 as the spiked samples. The percent recoveries were with QC limits except for as follows.

In the MS of GC-B01-S01-021612, TCLP barium had a recovery below the QC limit. The detected result for TCLP barium in sample GC-B01-S01-021612 was flagged "J" as estimated.

6. **Field Duplicate Results**

There are two field duplicates associated with this work order: YD-B01-S01-021512-DP and GC-B01-S01-021612-DP. The RPDs were calculated for detected TCLP metals. All RPDs were below a standard QC limit of 50 percent. The correlations between the field duplicate and parent samples were acceptable.

7. **Overall Assessment**

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

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
RD-B01-S01-021512	1202544-01	Soil	2/15/2012	2/23/2012
RD-B01-S02-021512	1202544-02	Soil	2/15/2012	2/23/2012
RD-B02-S01-021512	1202544-03	Soil	2/15/2012	2/23/2012
RD-B02-S02-021512	1202544-04	Soil	2/15/2012	2/23/2012
YD-B01-S01-021512	1202544-05	Soil	2/15/2012	2/23/2012
YD-B01-S01-021512-DP	1202544-06	Soil	2/15/2012	2/23/2012
YD-B02-S01-021512	1202544-07	Soil	2/15/2012	2/23/2012
YD-B03-S01-021512	1202544-08	Soil	2/15/2012	2/23/2012
WM-B01-S01-021612	1202544-17	Soil	2/16/2012	2/23/2012
WM-B01-S02-021612	1202544-18	Soil	2/16/2012	2/23/2012
WM-B02-S01-021612	1202544-19	Soil	2/16/2012	2/23/2012
WM-B02-S02-021612	1202544-20	Soil	2/16/2012	2/23/2012
WM-B03-S01-021612	1202544-21	Soil	2/16/2012	2/23/2012
WM-B03-S02-021612	1202544-22	Soil	2/16/2012	2/23/2012
GC-B01-S01-021612	1202544-23	Soil	2/16/2012	2/23/2012
GC-B01-S01-021612-DP	1202544-24	Soil	2/16/2012	2/23/2012
GC-B02-S01-021612	1202544-25	Soil	2/16/2012	2/23/2012

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

Two site-specific MS and MSDs were analyzed using samples WM-B02-S01-021612 and GC-B01-S01-021612 as the spiked samples. The percent recoveries and RPDs were with QC limits except for as follows. For the MS of sample WM-B02-S01-021612, the recovery was low. For the MSD of this same sample, the recovery was within QC limits. The quantitation limit for hexavalent chromium in sample WM-B02-S01-021612 was flagged "UJ" as estimated.

6. Field Duplicate Results

There are two field duplicates associated with this work order: YD-B01-S01-021512-DP and GC-B01-S01-021612-DP. Both samples contained no detections of target analytes above the reporting limit.

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 #: 1202544

ATTACHMENT

**ALS ENVIRONMENTAL
RESULTS SUMMARY WITH QUALIFIERS**

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
WorkOrder: 1202544

**QUALIFIERS,
ACRONYMS, UNITS**

<u>Qualifier</u>	<u>Description</u>
*	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

<u>Acronym</u>	<u>Description</u>
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

<u>Units Reported</u>	<u>Description</u>
% 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: 29-Feb-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202544

Sample ID: RD-B01-S01-021512

Lab ID: 1202544-01

Collection Date: 02/15/12 10:05 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/22/12	Analyst: JD
2,4,5-T	ND		0.0063	mg/Kg-dry	1	02/24/12 03:05 PM
2,4,5-TP (Silvex)	ND		0.013	mg/Kg-dry	1	02/24/12 03:05 PM
2,4-D	ND		0.0063	mg/Kg-dry	1	02/24/12 03:05 PM
Surr: DCAA	68.4		30-150	%REC	1	02/24/12 03:05 PM
PCBS			SW8082		Prep Date: 02/23/12	Analyst: JD
Aroclor 1016	ND		0.050	mg/Kg-dry	1	02/26/12 03:13 AM
Aroclor 1221	ND		0.050	mg/Kg-dry	1	02/26/12 03:13 AM
Aroclor 1232	ND		0.050	mg/Kg-dry	1	02/26/12 03:13 AM
Aroclor 1242	ND		0.050	mg/Kg-dry	1	02/26/12 03:13 AM
Aroclor 1248	ND		0.050	mg/Kg-dry	1	02/26/12 03:13 AM
Aroclor 1254	ND		0.050	mg/Kg-dry	1	02/26/12 03:13 AM
Aroclor 1260	ND		0.050	mg/Kg-dry	1	02/26/12 03:13 AM
Surr: Decachlorobiphenyl	83.1		40-140	%REC	1	02/26/12 03:13 AM
PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
4,4'-DDD	ND		0.13	mg/Kg-dry	10	02/26/12 08:51 AM
4,4'-DDE	ND		0.13	mg/Kg-dry	10	02/26/12 08:51 AM
4,4'-DDT	ND		0.13	mg/Kg-dry	10	02/26/12 08:51 AM
Aldrin	ND		0.13	mg/Kg-dry	10	02/26/12 08:51 AM
alpha-BHC	ND		0.13	mg/Kg-dry	10	02/26/12 08:51 AM
alpha-Chlordane	ND		0.13	mg/Kg-dry	10	02/26/12 08:51 AM
beta-BHC	ND		0.13	mg/Kg-dry	10	02/26/12 08:51 AM
Chlordane, Technical	ND		0.31	mg/Kg-dry	10	02/26/12 08:51 AM
delta-BHC	ND		0.13	mg/Kg-dry	10	02/26/12 08:51 AM
Dieldrin	ND		0.13	mg/Kg-dry	10	02/26/12 08:51 AM
Endosulfan I	ND		0.13	mg/Kg-dry	10	02/26/12 08:51 AM
Endosulfan II	ND		0.13	mg/Kg-dry	10	02/26/12 08:51 AM
Endosulfan sulfate	ND		0.13	mg/Kg-dry	10	02/26/12 08:51 AM
Endrin	ND		0.13	mg/Kg-dry	10	02/26/12 08:51 AM
Endrin aldehyde	ND		0.13	mg/Kg-dry	10	02/26/12 08:51 AM
Endrin ketone	ND		0.13	mg/Kg-dry	10	02/26/12 08:51 AM
gamma-BHC (Lindane)	ND		0.13	mg/Kg-dry	10	02/26/12 08:51 AM
gamma-Chlordane	ND		0.13	mg/Kg-dry	10	02/26/12 08:51 AM
Heptachlor	ND		0.13	mg/Kg-dry	10	02/26/12 08:51 AM
Heptachlor epoxide	ND		0.13	mg/Kg-dry	10	02/26/12 08:51 AM
Methoxychlor	ND		0.13	mg/Kg-dry	10	02/26/12 08:51 AM
Toxaphene	ND		0.75	mg/Kg-dry	10	02/26/12 08:51 AM
Surr: Decachlorobiphenyl	110		45-135	%REC	10	02/26/12 08:51 AM
Surr: Tetrachloro-m-xylene	80.1		45-124	%REC	10	02/26/12 08:51 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: 1202544

Sample ID: RD-B01-S01-021512

Lab ID: 1202544-01

Collection Date: 02/15/12 10:05 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/20/12	Analyst: LR
Mercury	0.057		0.024	mg/Kg-dry	1	02/21/12 02:08 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/22/12	Analyst: RH
Aluminum	13,000		2.0	mg/Kg-dry	2	02/22/12 10:24 PM
Antimony	1.0		0.98	mg/Kg-dry	2	02/22/12 10:24 PM
Arsenic	13		0.98	mg/Kg-dry	2	02/22/12 10:24 PM
Barium	150		0.98	mg/Kg-dry	2	02/22/12 10:24 PM
Beryllium	ND		3.9	mg/Kg-dry	20	02/23/12 01:53 PM
Boron	ND		39	mg/Kg-dry	20	02/23/12 01:53 PM
Cadmium	3.7		0.39	mg/Kg-dry	2	02/22/12 10:24 PM
Calcium	22,000		98	mg/Kg-dry	2	02/22/12 10:24 PM
Chromium	29		0.98	mg/Kg-dry	2	02/22/12 10:24 PM
Cobalt	12		0.98	mg/Kg-dry	2	02/22/12 10:24 PM
Copper	65		0.98	mg/Kg-dry	2	02/22/12 10:24 PM
Iron	71,000		160	mg/Kg-dry	20	02/23/12 01:53 PM
Lead	200		0.98	mg/Kg-dry	2	02/22/12 10:24 PM
Magnesium	9,000		39	mg/Kg-dry	2	02/22/12 10:24 PM
Manganese	660		9.8	mg/Kg-dry	20	02/23/12 01:53 PM
Nickel	36		0.98	mg/Kg-dry	2	02/22/12 10:24 PM
Potassium	2,300		39	mg/Kg-dry	2	02/22/12 10:24 PM
Selenium	1.3		0.98	mg/Kg-dry	2	02/22/12 10:24 PM
Silver	ND		0.98	mg/Kg-dry	2	02/22/12 10:24 PM
Sodium	98		39	mg/Kg-dry	2	02/22/12 10:24 PM
Thallium	ND		0.98	mg/Kg-dry	2	02/22/12 10:24 PM
Vanadium	27		0.98	mg/Kg-dry	2	02/22/12 10:24 PM
Zinc	290		2.0	mg/Kg-dry	2	02/22/12 10:24 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/20/12	Analyst: HL
1,1'-Biphenyl	ND		4.3	mg/Kg-dry	10	02/23/12 06:53 PM
2,4,5-Trichlorophenol	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
2,4,6-Trichlorophenol	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
2,4-Dichlorophenol	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
2,4-Dimethylphenol	ND		4.3	mg/Kg-dry	10	02/23/12 06:53 PM
2,4-Dinitrophenol	ND		8.6	mg/Kg-dry	10	02/23/12 06:53 PM
2,4-Dinitrotoluene	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
2,6-Dinitrotoluene	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
2-Chloronaphthalene	ND		1.0	mg/Kg-dry	10	02/23/12 06:53 PM
2-Chlorophenol	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
2-Methylnaphthalene	ND		1.0	mg/Kg-dry	10	02/23/12 06:53 PM
2-Methylphenol	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 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: 1202544

Sample ID: RD-B01-S01-021512

Lab ID: 1202544-01

Collection Date: 02/15/12 10:05 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		8.6	mg/Kg-dry	10	02/23/12 06:53 PM
2-Nitrophenol	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
3,3'-Dichlorobenzidine	ND		8.6	mg/Kg-dry	10	02/23/12 06:53 PM
3-Nitroaniline	ND		8.6	mg/Kg-dry	10	02/23/12 06:53 PM
4,6-Dinitro-2-methylphenol	ND		4.3	mg/Kg-dry	10	02/23/12 06:53 PM
4-Bromophenyl phenyl ether	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
4-Chloro-3-methylphenol	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
4-Chloroaniline	ND		8.6	mg/Kg-dry	10	02/23/12 06:53 PM
4-Chlorophenyl phenyl ether	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
4-Methylphenol	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
4-Nitroaniline	ND	UJ	8.6	mg/Kg-dry	10	02/23/12 06:53 PM
4-Nitrophenol	ND		8.6	mg/Kg-dry	10	02/23/12 06:53 PM
Acenaphthene	ND		0.39	mg/Kg-dry	10	02/23/12 06:53 PM
Acenaphthylene	0.47		0.39	mg/Kg-dry	10	02/23/12 06:53 PM
Acetophenone	ND		4.3	mg/Kg-dry	10	02/23/12 06:53 PM
Anthracene	0.56		0.39	mg/Kg-dry	10	02/23/12 06:53 PM
Atrazine	ND		4.3	mg/Kg-dry	10	02/23/12 06:53 PM
Benzaldehyde	ND		4.3	mg/Kg-dry	10	02/23/12 06:53 PM
Benzo(a)anthracene	2.1		0.39	mg/Kg-dry	10	02/23/12 06:53 PM
Benzo(a)pyrene	1.7		0.39	mg/Kg-dry	10	02/23/12 06:53 PM
Benzo(b)fluoranthene	2.5		0.39	mg/Kg-dry	10	02/23/12 06:53 PM
Benzo(g,h,i)perylene	0.54		0.39	mg/Kg-dry	10	02/23/12 06:53 PM
Benzo(k)fluoranthene	0.96		0.39	mg/Kg-dry	10	02/23/12 06:53 PM
Bis(2-chloroethoxy)methane	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
Bis(2-chloroethyl)ether	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
Bis(2-chloroisopropyl)ether	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
Bis(2-ethylhexyl)phthalate	ND		4.3	mg/Kg-dry	10	02/23/12 06:53 PM
Butyl benzyl phthalate	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
Caprolactam	ND		4.3	mg/Kg-dry	10	02/23/12 06:53 PM
Carbazole	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
Chrysene	2.1		0.39	mg/Kg-dry	10	02/23/12 06:53 PM
Dibenzo(a,h)anthracene	ND		0.39	mg/Kg-dry	10	02/23/12 06:53 PM
Dibenzofuran	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
Diethyl phthalate	ND		4.3	mg/Kg-dry	10	02/23/12 06:53 PM
Dimethyl phthalate	ND		4.3	mg/Kg-dry	10	02/23/12 06:53 PM
Di-n-butyl phthalate	ND		4.3	mg/Kg-dry	10	02/23/12 06:53 PM
Di-n-octyl phthalate	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
Fluoranthene	4.4		0.39	mg/Kg-dry	10	02/23/12 06:53 PM
Fluorene	ND		0.39	mg/Kg-dry	10	02/23/12 06:53 PM
Hexachlorobenzene	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM

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

24
3/13/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202544

Sample ID: RD-B01-S01-021512

Lab ID: 1202544-01

Collection Date: 02/15/12 10:05 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
Hexachlorocyclopentadiene	ND		4.3	mg/Kg-dry	10	02/23/12 06:53 PM
Hexachloroethane	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
Indeno(1,2,3-cd)pyrene	0.64		0.39	mg/Kg-dry	10	02/23/12 06:53 PM
Isophorone	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
Naphthalene	ND		0.39	mg/Kg-dry	10	02/23/12 06:53 PM
Nitrobenzene	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
N-Nitrosodi-n-propylamine	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
N-Nitrosodiphenylamine	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
Pentachlorophenol	ND		4.3	mg/Kg-dry	10	02/23/12 06:53 PM
Phenanthrene	2.1		0.39	mg/Kg-dry	10	02/23/12 06:53 PM
Phenol	ND		2.1	mg/Kg-dry	10	02/23/12 06:53 PM
Pyrene	3.7		0.39	mg/Kg-dry	10	02/23/12 06:53 PM
Surr: 2,4,6-Tribromophenol	54.2		34-140	%REC	10	02/23/12 06:53 PM
Surr: 2-Fluorobiphenyl	40.6		12-100	%REC	10	02/23/12 06:53 PM
Surr: 2-Fluorophenol	34.4		33-117	%REC	10	02/23/12 06:53 PM
Surr: 4-Terphenyl-d14	55.6		25-137	%REC	10	02/23/12 06:53 PM
Surr: Nitrobenzene-d5	33.4	S	37-107	%REC	10	02/23/12 06:53 PM
Surr: Phenol-d6	37.0	S	40-106	%REC	10	02/23/12 06:53 PM
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: RS
1,1,1-Trichloroethane	ND		0.066	mg/Kg-dry	50	02/22/12 07:38 PM
1,1,2,2-Tetrachloroethane	ND		0.13	mg/Kg-dry	50	02/22/12 07:38 PM
1,1,2-Trichloroethane	ND		0.13	mg/Kg-dry	50	02/22/12 07:38 PM
1,1,2-Trichlorotrifluoroethane	ND		0.066	mg/Kg-dry	50	02/22/12 07:38 PM
1,1-Dichloroethane	ND		0.066	mg/Kg-dry	50	02/22/12 07:38 PM
1,1-Dichloroethene	ND		0.066	mg/Kg-dry	50	02/22/12 07:38 PM
1,2,4-Trichlorobenzene	ND		0.066	mg/Kg-dry	50	02/22/12 07:38 PM
1,2-Dibromo-3-chloropropane	ND		0.13	mg/Kg-dry	50	02/22/12 07:38 PM
1,2-Dibromoethane	ND		0.099	mg/Kg-dry	50	02/22/12 07:38 PM
1,2-Dichlorobenzene	ND		0.066	mg/Kg-dry	50	02/22/12 07:38 PM
1,2-Dichloroethane	ND		0.066	mg/Kg-dry	50	02/22/12 07:38 PM
1,2-Dichloropropane	ND		0.23	mg/Kg-dry	50	02/22/12 07:38 PM
1,3-Dichlorobenzene	ND		0.066	mg/Kg-dry	50	02/22/12 07:38 PM
1,4-Dichlorobenzene	ND		0.066	mg/Kg-dry	50	02/22/12 07:38 PM
2-Butanone	ND		0.50	mg/Kg-dry	50	02/22/12 07:38 PM
2-Hexanone	ND		0.33	mg/Kg-dry	50	02/22/12 07:38 PM
4-Methyl-2-pentanone	ND		0.33	mg/Kg-dry	50	02/22/12 07:38 PM
Acetone	ND		0.30	mg/Kg-dry	50	02/22/12 07:38 PM
Benzene	ND		0.066	mg/Kg-dry	50	02/22/12 07:38 PM
Bromodichloromethane	ND		0.099	mg/Kg-dry	50	02/22/12 07:38 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: 1202544

Sample ID: RD-B01-S01-021512

Lab ID: 1202544-01

Collection Date: 02/15/12 10:05 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.066	mg/Kg-dry	50	02/22/12 07:38 PM
Bromomethane	ND		0.099	mg/Kg-dry	50	02/22/12 07:38 PM
Carbon disulfide	ND		0.099	mg/Kg-dry	50	02/22/12 07:38 PM
Carbon tetrachloride	ND		0.066	mg/Kg-dry	50	02/22/12 07:38 PM
Chlorobenzene	ND		0.099	mg/Kg-dry	50	02/22/12 07:38 PM
Chloroethane	ND		0.20	mg/Kg-dry	50	02/22/12 07:38 PM
Chloroform	ND		0.066	mg/Kg-dry	50	02/22/12 07:38 PM
Chloromethane	ND		0.20	mg/Kg-dry	50	02/22/12 07:38 PM
cis-1,2-Dichloroethene	ND		0.13	mg/Kg-dry	50	02/22/12 07:38 PM
cis-1,3-Dichloropropene	ND		0.066	mg/Kg-dry	50	02/22/12 07:38 PM
Cyclohexane	ND		0.066	mg/Kg-dry	50	02/22/12 07:38 PM
Dibromochloromethane	ND		0.13	mg/Kg-dry	50	02/22/12 07:38 PM
Dichlorodifluoromethane	ND		0.066	mg/Kg-dry	50	02/22/12 07:38 PM
Ethylbenzene	ND		0.13	mg/Kg-dry	50	02/22/12 07:38 PM
Isopropylbenzene	ND		0.066	mg/Kg-dry	50	02/22/12 07:38 PM
Methyl acetate	ND		0.79	mg/Kg-dry	50	02/22/12 07:38 PM
Methyl tert-butyl ether	ND		0.099	mg/Kg-dry	50	02/22/12 07:38 PM
Methylcyclohexane	ND		1.3	mg/Kg-dry	50	02/22/12 07:38 PM
Methylene chloride	ND		0.13	mg/Kg-dry	50	02/22/12 07:38 PM
Styrene	ND		0.099	mg/Kg-dry	50	02/22/12 07:38 PM
Tetrachloroethene	ND		0.066	mg/Kg-dry	50	02/22/12 07:38 PM
Toluene	ND		0.099	mg/Kg-dry	50	02/22/12 07:38 PM
trans-1,2-Dichloroethene	ND		0.066	mg/Kg-dry	50	02/22/12 07:38 PM
trans-1,3-Dichloropropene	ND		0.099	mg/Kg-dry	50	02/22/12 07:38 PM
Trichloroethene	ND		0.066	mg/Kg-dry	50	02/22/12 07:38 PM
Trichlorofluoromethane	ND		0.066	mg/Kg-dry	50	02/22/12 07:38 PM
Vinyl chloride	ND		0.13	mg/Kg-dry	50	02/22/12 07:38 PM
Xylenes, Total	ND		0.20	mg/Kg-dry	50	02/22/12 07:38 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	108		70-120	%REC	50	02/22/12 07:38 PM
<i>Surr: 4-Bromofluorobenzene</i>	93.2		75-120	%REC	50	02/22/12 07:38 PM
<i>Surr: Dibromofluoromethane</i>	96.4		85-115	%REC	50	02/22/12 07:38 PM
<i>Surr: Toluene-d8</i>	103		85-115	%REC	50	02/22/12 07:38 PM

CHROMIUM, HEXAVALENT

Chromium, Hexavalent **SW7196A** Prep Date: 02/20/12 Analyst: **MB**
 ND 0.65 mg/Kg-dry 1 02/23/12 12:01 PM

MOISTURE

Moisture **A2540 G** Analyst: **CG**
 24 0.050 % of sample 1 02/20/12 01:42 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
Sample ID: RD-B01-S02-021512
Collection Date: 02/15/12 10:10 AM

Work Order: 1202544
Lab ID: 1202544-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/22/12	Analyst: JD
2,4,5-T	ND		0.0062	mg/Kg-dry	1	02/24/12 03:05 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/24/12 03:05 PM
2,4-D	ND		0.0062	mg/Kg-dry	1	02/24/12 03:05 PM
Surr: DCAA	89.0		30-150	%REC	1	02/24/12 03:05 PM
PCBS			SW8082		Prep Date: 02/23/12	Analyst: JD
Aroclor 1016	ND		0.049	mg/Kg-dry	1	02/26/12 03:33 AM
Aroclor 1221	ND		0.049	mg/Kg-dry	1	02/26/12 03:33 AM
Aroclor 1232	ND		0.049	mg/Kg-dry	1	02/26/12 03:33 AM
Aroclor 1242	ND		0.049	mg/Kg-dry	1	02/26/12 03:33 AM
Aroclor 1248	ND		0.049	mg/Kg-dry	1	02/26/12 03:33 AM
Aroclor 1254	ND		0.049	mg/Kg-dry	1	02/26/12 03:33 AM
Aroclor 1260	ND		0.049	mg/Kg-dry	1	02/26/12 03:33 AM
Surr: Decachlorobiphenyl	87.1		40-140	%REC	1	02/26/12 03:33 AM
PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
4,4'-DDD	ND		0.024	mg/Kg-dry	2	02/26/12 09:06 AM
4,4'-DDE	ND		0.024	mg/Kg-dry	2	02/26/12 09:06 AM
4,4'-DDT	ND		0.024	mg/Kg-dry	2	02/26/12 09:06 AM
Aldrin	ND		0.024	mg/Kg-dry	2	02/26/12 09:06 AM
alpha-BHC	ND		0.024	mg/Kg-dry	2	02/26/12 09:06 AM
alpha-Chlordane	ND		0.024	mg/Kg-dry	2	02/26/12 09:06 AM
beta-BHC	ND		0.024	mg/Kg-dry	2	02/26/12 09:06 AM
Chlordane, Technical	ND		0.061	mg/Kg-dry	2	02/26/12 09:06 AM
delta-BHC	ND		0.024	mg/Kg-dry	2	02/26/12 09:06 AM
Dieldrin	ND		0.024	mg/Kg-dry	2	02/26/12 09:06 AM
Endosulfan I	ND		0.024	mg/Kg-dry	2	02/26/12 09:06 AM
Endosulfan II	ND		0.024	mg/Kg-dry	2	02/26/12 09:06 AM
Endosulfan sulfate	ND		0.024	mg/Kg-dry	2	02/26/12 09:06 AM
Endrin	ND		0.024	mg/Kg-dry	2	02/26/12 09:06 AM
Endrin aldehyde	ND		0.024	mg/Kg-dry	2	02/26/12 09:06 AM
Endrin ketone	ND		0.024	mg/Kg-dry	2	02/26/12 09:06 AM
gamma-BHC (Lindane)	ND		0.024	mg/Kg-dry	2	02/26/12 09:06 AM
gamma-Chlordane	ND		0.024	mg/Kg-dry	2	02/26/12 09:06 AM
Heptachlor	ND		0.024	mg/Kg-dry	2	02/26/12 09:06 AM
Heptachlor epoxide	ND		0.024	mg/Kg-dry	2	02/26/12 09:06 AM
Methoxychlor	ND		0.024	mg/Kg-dry	2	02/26/12 09:06 AM
Toxaphene	ND		0.15	mg/Kg-dry	2	02/26/12 09:06 AM
Surr: Decachlorobiphenyl	72.1		45-135	%REC	2	02/26/12 09:06 AM
Surr: Tetrachloro-m-xylene	78.1		45-124	%REC	2	02/26/12 09:06 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: 1202544

Sample ID: RD-B01-S02-021512

Lab ID: 1202544-02

Collection Date: 02/15/12 10:10 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA						
Mercury	ND		SW7471 0.021	mg/Kg-dry	Prep Date: 02/20/12 1	Analyst: LR 02/21/12 02:10 PM
METALS BY ICP-MS						
Aluminum	14,000		SW6020A 19	mg/Kg-dry	Prep Date: 02/22/12 20	Analyst: RH 02/23/12 03:08 PM
Antimony	ND		0.95	mg/Kg-dry	2	02/22/12 10:54 PM
Arsenic	8.1		0.95	mg/Kg-dry	2	02/22/12 10:54 PM
Barium	89		0.95	mg/Kg-dry	2	02/22/12 10:54 PM
Beryllium	ND		3.8	mg/Kg-dry	20	02/23/12 03:08 PM
Boron	ND		38	mg/Kg-dry	20	02/23/12 03:08 PM
Cadmium	0.87		0.38	mg/Kg-dry	2	02/22/12 10:54 PM
Calcium	45,000		950	mg/Kg-dry	20	02/23/12 03:08 PM
Chromium	19		0.95	mg/Kg-dry	2	02/22/12 10:54 PM
Cobalt	8.9		0.95	mg/Kg-dry	2	02/22/12 10:54 PM
Copper	24		0.95	mg/Kg-dry	2	02/22/12 10:54 PM
Iron	27,000		15	mg/Kg-dry	2	02/22/12 10:54 PM
Lead	15		0.95	mg/Kg-dry	2	02/22/12 10:54 PM
Magnesium	12,000		38	mg/Kg-dry	2	02/22/12 10:54 PM
Manganese	500		9.5	mg/Kg-dry	20	02/23/12 03:08 PM
Nickel	25		0.95	mg/Kg-dry	2	02/22/12 10:54 PM
Potassium	2,200		38	mg/Kg-dry	2	02/22/12 10:54 PM
Selenium	1.4		0.95	mg/Kg-dry	2	02/22/12 10:54 PM
Silver	ND		0.95	mg/Kg-dry	2	02/22/12 10:54 PM
Sodium	120		38	mg/Kg-dry	2	02/22/12 10:54 PM
Thallium	ND		0.95	mg/Kg-dry	2	02/22/12 10:54 PM
Vanadium	27		0.95	mg/Kg-dry	2	02/22/12 10:54 PM
Zinc	72		1.9	mg/Kg-dry	2	02/22/12 10:54 PM
SEMI-VOLATILE ORGANIC COMPOUNDS						
1,1'-Biphenyl	ND		SW8270 0.41	mg/Kg-dry	Prep Date: 02/20/12 1	Analyst: HL 02/25/12 08:42 AM
2,4,5-Trichlorophenol	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
2,4,6-Trichlorophenol	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
2,4-Dichlorophenol	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
2,4-Dimethylphenol	ND		0.41	mg/Kg-dry	1	02/25/12 08:42 AM
2,4-Dinitrophenol	ND		0.82	mg/Kg-dry	1	02/25/12 08:42 AM
2,4-Dinitrotoluene	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
2,6-Dinitrotoluene	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
2-Chloronaphthalene	ND		0.099	mg/Kg-dry	1	02/25/12 08:42 AM
2-Chlorophenol	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
2-Methylnaphthalene	ND		0.099	mg/Kg-dry	1	02/25/12 08:42 AM
2-Methylphenol	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 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: 1202544

Sample ID: RD-B01-S02-021512

Lab ID: 1202544-02

Collection Date: 02/15/12 10:10 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.82	mg/Kg-dry	1	02/25/12 08:42 AM
2-Nitrophenol	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
3,3'-Dichlorobenzidine	ND		0.82	mg/Kg-dry	1	02/25/12 08:42 AM
3-Nitroaniline	ND		0.82	mg/Kg-dry	1	02/25/12 08:42 AM
4,6-Dinitro-2-methylphenol	ND		0.41	mg/Kg-dry	1	02/25/12 08:42 AM
4-Bromophenyl phenyl ether	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
4-Chloro-3-methylphenol	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
4-Chloroaniline	ND		0.82	mg/Kg-dry	1	02/25/12 08:42 AM
4-Chlorophenyl phenyl ether	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
4-Methylphenol	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
4-Nitroaniline	ND	UJ	0.82	mg/Kg-dry	1	02/25/12 08:42 AM
4-Nitrophenol	ND		0.82	mg/Kg-dry	1	02/25/12 08:42 AM
Acenaphthene	ND		0.037	mg/Kg-dry	1	02/25/12 08:42 AM
Acenaphthylene	ND		0.037	mg/Kg-dry	1	02/25/12 08:42 AM
Acetophenone	ND		0.41	mg/Kg-dry	1	02/25/12 08:42 AM
Anthracene	ND		0.037	mg/Kg-dry	1	02/25/12 08:42 AM
Atrazine	ND		0.41	mg/Kg-dry	1	02/25/12 08:42 AM
Benzaldehyde	ND		0.41	mg/Kg-dry	1	02/25/12 08:42 AM
Benzo(a)anthracene	ND		0.037	mg/Kg-dry	1	02/25/12 08:42 AM
Benzo(a)pyrene	ND		0.037	mg/Kg-dry	1	02/25/12 08:42 AM
Benzo(b)fluoranthene	ND		0.037	mg/Kg-dry	1	02/25/12 08:42 AM
Benzo(g,h,i)perylene	ND		0.037	mg/Kg-dry	1	02/25/12 08:42 AM
Benzo(k)fluoranthene	ND		0.037	mg/Kg-dry	1	02/25/12 08:42 AM
Bis(2-chloroethoxy)methane	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
Bis(2-chloroethyl)ether	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
Bis(2-chloroisopropyl)ether	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
Bis(2-ethylhexyl)phthalate	ND		0.41	mg/Kg-dry	1	02/25/12 08:42 AM
Butyl benzyl phthalate	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
Caprolactam	ND		0.41	mg/Kg-dry	1	02/25/12 08:42 AM
Carbazole	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
Chrysene	ND		0.037	mg/Kg-dry	1	02/25/12 08:42 AM
Dibenzo(a,h)anthracene	ND		0.037	mg/Kg-dry	1	02/25/12 08:42 AM
Dibenzofuran	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
Diethyl phthalate	ND		0.41	mg/Kg-dry	1	02/25/12 08:42 AM
Dimethyl phthalate	ND		0.41	mg/Kg-dry	1	02/25/12 08:42 AM
Di-n-butyl phthalate	ND		0.41	mg/Kg-dry	1	02/25/12 08:42 AM
Di-n-octyl phthalate	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
Fluoranthene	ND		0.037	mg/Kg-dry	1	02/25/12 08:42 AM
Fluorene	ND		0.037	mg/Kg-dry	1	02/25/12 08:42 AM
Hexachlorobenzene	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM

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

20
3/13/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202544

Sample ID: RD-B01-S02-021512

Lab ID: 1202544-02

Collection Date: 02/15/12 10:10 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
Hexachlorocyclopentadiene	ND		0.41	mg/Kg-dry	1	02/25/12 08:42 AM
Hexachloroethane	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
Indeno(1,2,3-cd)pyrene	ND		0.037	mg/Kg-dry	1	02/25/12 08:42 AM
Isophorone	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
Naphthalene	ND		0.037	mg/Kg-dry	1	02/25/12 08:42 AM
Nitrobenzene	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
N-Nitrosodi-n-propylamine	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
N-Nitrosodiphenylamine	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
Pentachlorophenol	ND		0.41	mg/Kg-dry	1	02/25/12 08:42 AM
Phenanthrene	ND		0.037	mg/Kg-dry	1	02/25/12 08:42 AM
Phenol	ND		0.20	mg/Kg-dry	1	02/25/12 08:42 AM
Pyrene	ND		0.037	mg/Kg-dry	1	02/25/12 08:42 AM
Surr: 2,4,6-Tribromophenol	79.7		34-140	%REC	1	02/25/12 08:42 AM
Surr: 2-Fluorobiphenyl	65.5		12-100	%REC	1	02/25/12 08:42 AM
Surr: 2-Fluorophenol	79.9		33-117	%REC	1	02/25/12 08:42 AM
Surr: 4-Terphenyl-d14	77.7		25-137	%REC	1	02/25/12 08:42 AM
Surr: Nitrobenzene-d5	68.6		37-107	%REC	1	02/25/12 08:42 AM
Surr: Phenol-d6	77.6		40-106	%REC	1	02/25/12 08:42 AM
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: RS
1,1,1-Trichloroethane	ND		0.063	mg/Kg-dry	50	02/22/12 08:03 PM
1,1,2,2-Tetrachloroethane	ND		0.13	mg/Kg-dry	50	02/22/12 08:03 PM
1,1,2-Trichloroethane	ND		0.13	mg/Kg-dry	50	02/22/12 08:03 PM
1,1,2-Trichlorotrifluoroethane	ND		0.063	mg/Kg-dry	50	02/22/12 08:03 PM
1,1-Dichloroethane	ND		0.063	mg/Kg-dry	50	02/22/12 08:03 PM
1,1-Dichloroethene	ND		0.063	mg/Kg-dry	50	02/22/12 08:03 PM
1,2,4-Trichlorobenzene	ND		0.063	mg/Kg-dry	50	02/22/12 08:03 PM
1,2-Dibromo-3-chloropropane	ND		0.13	mg/Kg-dry	50	02/22/12 08:03 PM
1,2-Dibromoethane	ND		0.094	mg/Kg-dry	50	02/22/12 08:03 PM
1,2-Dichlorobenzene	ND		0.063	mg/Kg-dry	50	02/22/12 08:03 PM
1,2-Dichloroethane	ND		0.063	mg/Kg-dry	50	02/22/12 08:03 PM
1,2-Dichloropropane	ND		0.22	mg/Kg-dry	50	02/22/12 08:03 PM
1,3-Dichlorobenzene	ND		0.063	mg/Kg-dry	50	02/22/12 08:03 PM
1,4-Dichlorobenzene	ND		0.063	mg/Kg-dry	50	02/22/12 08:03 PM
2-Butanone	ND		0.47	mg/Kg-dry	50	02/22/12 08:03 PM
2-Hexanone	ND		0.31	mg/Kg-dry	50	02/22/12 08:03 PM
4-Methyl-2-pentanone	ND		0.31	mg/Kg-dry	50	02/22/12 08:03 PM
Acetone	ND		0.28	mg/Kg-dry	50	02/22/12 08:03 PM
Benzene	ND		0.063	mg/Kg-dry	50	02/22/12 08:03 PM
Bromodichloromethane	ND		0.094	mg/Kg-dry	50	02/22/12 08:03 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: 1202544

Sample ID: RD-B01-S02-021512

Lab ID: 1202544-02

Collection Date: 02/15/12 10:10 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.063	mg/Kg-dry	50	02/22/12 08:03 PM
Bromomethane	ND		0.094	mg/Kg-dry	50	02/22/12 08:03 PM
Carbon disulfide	ND		0.094	mg/Kg-dry	50	02/22/12 08:03 PM
Carbon tetrachloride	ND		0.063	mg/Kg-dry	50	02/22/12 08:03 PM
Chlorobenzene	ND		0.094	mg/Kg-dry	50	02/22/12 08:03 PM
Chloroethane	ND		0.19	mg/Kg-dry	50	02/22/12 08:03 PM
Chloroform	ND		0.063	mg/Kg-dry	50	02/22/12 08:03 PM
Chloromethane	ND		0.19	mg/Kg-dry	50	02/22/12 08:03 PM
cis-1,2-Dichloroethene	ND		0.13	mg/Kg-dry	50	02/22/12 08:03 PM
cis-1,3-Dichloropropene	ND		0.063	mg/Kg-dry	50	02/22/12 08:03 PM
Cyclohexane	ND		0.063	mg/Kg-dry	50	02/22/12 08:03 PM
Dibromochloromethane	ND		0.13	mg/Kg-dry	50	02/22/12 08:03 PM
Dichlorodifluoromethane	ND		0.063	mg/Kg-dry	50	02/22/12 08:03 PM
Ethylbenzene	ND		0.13	mg/Kg-dry	50	02/22/12 08:03 PM
Isopropylbenzene	ND		0.063	mg/Kg-dry	50	02/22/12 08:03 PM
Methyl acetate	ND		0.50	mg/Kg-dry	50	02/22/12 08:03 PM
Methyl tert-butyl ether	ND		0.094	mg/Kg-dry	50	02/22/12 08:03 PM
Methylcyclohexane	ND		1.3	mg/Kg-dry	50	02/22/12 08:03 PM
Methylene chloride	ND		0.13	mg/Kg-dry	50	02/22/12 08:03 PM
Styrene	ND		0.094	mg/Kg-dry	50	02/22/12 08:03 PM
Tetrachloroethene	ND		0.063	mg/Kg-dry	50	02/22/12 08:03 PM
Toluene	ND		0.094	mg/Kg-dry	50	02/22/12 08:03 PM
trans-1,2-Dichloroethene	ND		0.063	mg/Kg-dry	50	02/22/12 08:03 PM
trans-1,3-Dichloropropene	ND		0.094	mg/Kg-dry	50	02/22/12 08:03 PM
Trichloroethene	ND		0.063	mg/Kg-dry	50	02/22/12 08:03 PM
Trichlorofluoromethane	ND		0.063	mg/Kg-dry	50	02/22/12 08:03 PM
Vinyl chloride	ND		0.13	mg/Kg-dry	50	02/22/12 08:03 PM
Xylenes, Total	ND		0.19	mg/Kg-dry	50	02/22/12 08:03 PM
Surr: 1,2-Dichloroethane-d4	107		70-120	%REC	50	02/22/12 08:03 PM
Surr: 4-Bromofluorobenzene	92.6		75-120	%REC	50	02/22/12 08:03 PM
Surr: Dibromofluoromethane	94.2		85-115	%REC	50	02/22/12 08:03 PM
Surr: Toluene-d8	103		85-115	%REC	50	02/22/12 08:03 PM

CHROMIUM, HEXAVALENT

Chromium, Hexavalent ND 0.63 mg/Kg-dry SW7196A Prep Date: 02/20/12 Analyst: MB 02/23/12 12:01 PM

MOISTURE

Moisture 20 0.050 % of sample A2540 G Analyst: CG 02/20/12 01:42 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: 1202544

Sample ID: RD-B02-S01-021512

Lab ID: 1202544-03

Collection Date: 02/15/12 10:30 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/22/12	Analyst: JD
2,4,5-T	ND		0.0063	mg/Kg-dry	1	02/24/12 03:05 PM
2,4,5-TP (Silvex)	ND		0.013	mg/Kg-dry	1	02/24/12 03:05 PM
2,4-D	ND		0.0063	mg/Kg-dry	1	02/24/12 03:05 PM
Surr: DCAA	82.2		30-150	%REC	1	02/24/12 03:05 PM
PCBS			SW8082		Prep Date: 02/23/12	Analyst: JD
Aroclor 1016	ND		0.049	mg/Kg-dry	1	02/26/12 03:53 AM
Aroclor 1221	ND		0.049	mg/Kg-dry	1	02/26/12 03:53 AM
Aroclor 1232	ND		0.049	mg/Kg-dry	1	02/26/12 03:53 AM
Aroclor 1242	ND		0.049	mg/Kg-dry	1	02/26/12 03:53 AM
Aroclor 1248	ND		0.049	mg/Kg-dry	1	02/26/12 03:53 AM
Aroclor 1254	ND		0.049	mg/Kg-dry	1	02/26/12 03:53 AM
Aroclor 1260	ND		0.049	mg/Kg-dry	1	02/26/12 03:53 AM
Surr: Decachlorobiphenyl	88.1		40-140	%REC	1	02/26/12 03:53 AM
PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
4,4'-DDD	ND		0.061	mg/Kg-dry	5	02/26/12 09:21 AM
4,4'-DDE	ND		0.061	mg/Kg-dry	5	02/26/12 09:21 AM
4,4'-DDT	0.081		0.061	mg/Kg-dry	5	02/26/12 09:21 AM
Aldrin	ND		0.061	mg/Kg-dry	5	02/26/12 09:21 AM
alpha-BHC	ND		0.061	mg/Kg-dry	5	02/26/12 09:21 AM
alpha-Chlordane	ND		0.061	mg/Kg-dry	5	02/26/12 09:21 AM
beta-BHC	ND		0.061	mg/Kg-dry	5	02/26/12 09:21 AM
Chlordane, Technical	ND		0.15	mg/Kg-dry	5	02/26/12 09:21 AM
delta-BHC	ND		0.061	mg/Kg-dry	5	02/26/12 09:21 AM
Dieldrin	ND		0.061	mg/Kg-dry	5	02/26/12 09:21 AM
Endosulfan I	ND		0.061	mg/Kg-dry	5	02/26/12 09:21 AM
Endosulfan II	ND		0.061	mg/Kg-dry	5	02/26/12 09:21 AM
Endosulfan sulfate	ND		0.061	mg/Kg-dry	5	02/26/12 09:21 AM
Endrin	ND		0.061	mg/Kg-dry	5	02/26/12 09:21 AM
Endrin aldehyde	ND		0.061	mg/Kg-dry	5	02/26/12 09:21 AM
Endrin ketone	ND		0.061	mg/Kg-dry	5	02/26/12 09:21 AM
gamma-BHC (Lindane)	ND		0.061	mg/Kg-dry	5	02/26/12 09:21 AM
gamma-Chlordane	ND		0.061	mg/Kg-dry	5	02/26/12 09:21 AM
Heptachlor	ND		0.061	mg/Kg-dry	5	02/26/12 09:21 AM
Heptachlor epoxide	ND		0.061	mg/Kg-dry	5	02/26/12 09:21 AM
Methoxychlor	ND		0.061	mg/Kg-dry	5	02/26/12 09:21 AM
Toxaphene	ND		0.37	mg/Kg-dry	5	02/26/12 09:21 AM
Surr: Decachlorobiphenyl	100		45-135	%REC	5	02/26/12 09:21 AM
Surr: Tetrachloro-m-xylene	80.1		45-124	%REC	5	02/26/12 09:21 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: 1202544

Sample ID: RD-B02-S01-021512

Lab ID: 1202544-03

Collection Date: 02/15/12 10:30 AM

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		0.024	mg/Kg-dry	1	02/21/12 02:13 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/22/12	Analyst: RH
Aluminum	10,000		20	mg/Kg-dry	20	02/23/12 03:14 PM
Antimony	ND		0.99	mg/Kg-dry	2	02/22/12 11:00 PM
Arsenic	6.8		0.99	mg/Kg-dry	2	02/22/12 11:00 PM
Barium	150		0.99	mg/Kg-dry	2	02/22/12 11:00 PM
Beryllium	ND		4.0	mg/Kg-dry	20	02/23/12 03:14 PM
Boron	ND		40	mg/Kg-dry	20	02/23/12 03:14 PM
Cadmium	2.6		0.40	mg/Kg-dry	2	02/22/12 11:00 PM
Calcium	9,900		99	mg/Kg-dry	2	02/22/12 11:00 PM
Chromium	18		0.99	mg/Kg-dry	2	02/22/12 11:00 PM
Cobalt	7.7		0.99	mg/Kg-dry	2	02/22/12 11:00 PM
Copper	27		0.99	mg/Kg-dry	2	02/22/12 11:00 PM
Iron	25,000		16	mg/Kg-dry	2	02/22/12 11:00 PM
Lead	150		0.99	mg/Kg-dry	2	02/22/12 11:00 PM
Magnesium	4,800		40	mg/Kg-dry	2	02/22/12 11:00 PM
Manganese	310		0.99	mg/Kg-dry	2	02/22/12 11:00 PM
Nickel	18		0.99	mg/Kg-dry	2	02/22/12 11:00 PM
Potassium	2,100		40	mg/Kg-dry	2	02/22/12 11:00 PM
Selenium	1.2		0.99	mg/Kg-dry	2	02/22/12 11:00 PM
Silver	ND		0.99	mg/Kg-dry	2	02/22/12 11:00 PM
Sodium	67		40	mg/Kg-dry	2	02/22/12 11:00 PM
Thallium	ND		0.99	mg/Kg-dry	2	02/22/12 11:00 PM
Vanadium	23		0.99	mg/Kg-dry	2	02/22/12 11:00 PM
Zinc	550		20	mg/Kg-dry	20	02/23/12 03:14 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/20/12	Analyst: HL
1,1'-Biphenyl	ND		0.42	mg/Kg-dry	1	02/25/12 04:13 PM
2,4,5-Trichlorophenol	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
2,4,6-Trichlorophenol	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
2,4-Dichlorophenol	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
2,4-Dimethylphenol	ND		0.42	mg/Kg-dry	1	02/25/12 04:13 PM
2,4-Dinitrophenol	ND		0.83	mg/Kg-dry	1	02/25/12 04:13 PM
2,4-Dinitrotoluene	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
2,6-Dinitrotoluene	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
2-Chloronaphthalene	ND		0.10	mg/Kg-dry	1	02/25/12 04:13 PM
2-Chlorophenol	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
2-Methylnaphthalene	ND		0.10	mg/Kg-dry	1	02/25/12 04:13 PM
2-Methylphenol	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 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: 1202544

Sample ID: RD-B02-S01-021512

Lab ID: 1202544-03

Collection Date: 02/15/12 10:30 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.83	mg/Kg-dry	1	02/25/12 04:13 PM
2-Nitrophenol	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
3,3'-Dichlorobenzidine	ND		0.83	mg/Kg-dry	1	02/25/12 04:13 PM
3-Nitroaniline	ND		0.83	mg/Kg-dry	1	02/25/12 04:13 PM
4,6-Dinitro-2-methylphenol	ND		0.42	mg/Kg-dry	1	02/25/12 04:13 PM
4-Bromophenyl phenyl ether	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
4-Chloro-3-methylphenol	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
4-Chloroaniline	ND		0.83	mg/Kg-dry	1	02/25/12 04:13 PM
4-Chlorophenyl phenyl ether	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
4-Methylphenol	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
4-Nitroaniline	ND	WJ	0.83	mg/Kg-dry	1	02/25/12 04:13 PM
4-Nitrophenol	ND		0.83	mg/Kg-dry	1	02/25/12 04:13 PM
Acenaphthene	ND		0.038	mg/Kg-dry	1	02/25/12 04:13 PM
Acenaphthylene	0.046		0.038	mg/Kg-dry	1	02/25/12 04:13 PM
Acetophenone	ND		0.42	mg/Kg-dry	1	02/25/12 04:13 PM
Anthracene	0.066		0.038	mg/Kg-dry	1	02/25/12 04:13 PM
Atrazine	ND		0.42	mg/Kg-dry	1	02/25/12 04:13 PM
Benzaldehyde	ND		0.42	mg/Kg-dry	1	02/25/12 04:13 PM
Benzo(a)anthracene	0.31		0.038	mg/Kg-dry	1	02/25/12 04:13 PM
Benzo(a)pyrene	0.33		0.038	mg/Kg-dry	1	02/25/12 04:13 PM
Benzo(b)fluoranthene	0.53		0.038	mg/Kg-dry	1	02/25/12 04:13 PM
Benzo(g,h,i)perylene	0.13		0.038	mg/Kg-dry	1	02/25/12 04:13 PM
Benzo(k)fluoranthene	0.13		0.038	mg/Kg-dry	1	02/25/12 04:13 PM
Bis(2-chloroethoxy)methane	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
Bis(2-chloroethyl)ether	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
Bis(2-chloroisopropyl)ether	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
Bis(2-ethylhexyl)phthalate	12		4.2	mg/Kg-dry	10	02/23/12 07:26 PM
Butyl benzyl phthalate	0.84		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
Caprolactam	ND		0.42	mg/Kg-dry	1	02/25/12 04:13 PM
Carbazole	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
Chrysene	1.1		0.038	mg/Kg-dry	1	02/25/12 04:13 PM
Dibenzo(a,h)anthracene	0.060		0.038	mg/Kg-dry	1	02/25/12 04:13 PM
Dibenzofuran	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
Diethyl phthalate	ND		0.42	mg/Kg-dry	1	02/25/12 04:13 PM
Dimethyl phthalate	ND		0.42	mg/Kg-dry	1	02/25/12 04:13 PM
Di-n-butyl phthalate	ND		0.42	mg/Kg-dry	1	02/25/12 04:13 PM
Di-n-octyl phthalate	0.50		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
Fluoranthene	0.64		0.038	mg/Kg-dry	1	02/25/12 04:13 PM
Fluorene	ND		0.038	mg/Kg-dry	1	02/25/12 04:13 PM
Hexachlorobenzene	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 PM

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

2A
3/13/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202544

Sample ID: RD-B02-S01-021512

Lab ID: 1202544-03

Collection Date: 02/15/12 10:30 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
Hexachlorocyclopentadiene	ND		0.42	mg/Kg-dry	1	02/25/12 04:13 PM
Hexachloroethane	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
Indeno(1,2,3-cd)pyrene	0.14		0.038	mg/Kg-dry	1	02/25/12 04:13 PM
Isophorone	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
Naphthalene	ND		0.038	mg/Kg-dry	1	02/25/12 04:13 PM
Nitrobenzene	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
N-Nitrosodi-n-propylamine	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
N-Nitrosodiphenylamine	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
Pentachlorophenol	ND		0.42	mg/Kg-dry	1	02/25/12 04:13 PM
Phenanthrene	0.32		0.038	mg/Kg-dry	1	02/25/12 04:13 PM
Phenol	ND		0.20	mg/Kg-dry	1	02/25/12 04:13 PM
Pyrene	1.4		0.038	mg/Kg-dry	1	02/25/12 04:13 PM
Surr: 2,4,6-Tribromophenol	99.7		34-140	%REC	1	02/25/12 04:13 PM
Surr: 2-Fluorobiphenyl	76.8		12-100	%REC	1	02/25/12 04:13 PM
Surr: 2-Fluorophenol	79.2		33-117	%REC	1	02/25/12 04:13 PM
Surr: 4-Terphenyl-d14	110		25-137	%REC	10	02/23/12 07:26 PM
Surr: Nitrobenzene-d5	72.5		37-107	%REC	1	02/25/12 04:13 PM
Surr: Phenol-d6	77.8		40-106	%REC	1	02/25/12 04:13 PM
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: RS
1,1,1-Trichloroethane	ND		0.063	mg/Kg-dry	50	02/22/12 08:29 PM
1,1,2,2-Tetrachloroethane	ND		0.13	mg/Kg-dry	50	02/22/12 08:29 PM
1,1,2-Trichloroethane	ND		0.13	mg/Kg-dry	50	02/22/12 08:29 PM
1,1,2-Trichlorotrifluoroethane	ND		0.063	mg/Kg-dry	50	02/22/12 08:29 PM
1,1-Dichloroethane	ND		0.063	mg/Kg-dry	50	02/22/12 08:29 PM
1,1-Dichloroethene	ND		0.063	mg/Kg-dry	50	02/22/12 08:29 PM
1,2,4-Trichlorobenzene	ND		0.063	mg/Kg-dry	50	02/22/12 08:29 PM
1,2-Dibromo-3-chloropropane	ND		0.13	mg/Kg-dry	50	02/22/12 08:29 PM
1,2-Dibromoethane	ND		0.095	mg/Kg-dry	50	02/22/12 08:29 PM
1,2-Dichlorobenzene	ND		0.063	mg/Kg-dry	50	02/22/12 08:29 PM
1,2-Dichloroethane	ND		0.063	mg/Kg-dry	50	02/22/12 08:29 PM
1,2-Dichloropropane	ND		0.22	mg/Kg-dry	50	02/22/12 08:29 PM
1,3-Dichlorobenzene	ND		0.063	mg/Kg-dry	50	02/22/12 08:29 PM
1,4-Dichlorobenzene	ND		0.063	mg/Kg-dry	50	02/22/12 08:29 PM
2-Butanone	ND		0.47	mg/Kg-dry	50	02/22/12 08:29 PM
2-Hexanone	ND		0.32	mg/Kg-dry	50	02/22/12 08:29 PM
4-Methyl-2-pentanone	ND		0.32	mg/Kg-dry	50	02/22/12 08:29 PM
Acetone	ND		0.28	mg/Kg-dry	50	02/22/12 08:29 PM
Benzene	ND		0.063	mg/Kg-dry	50	02/22/12 08:29 PM
Bromodichloromethane	ND		0.095	mg/Kg-dry	50	02/22/12 08:29 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: 1202544

Sample ID: RD-B02-S01-021512

Lab ID: 1202544-03

Collection Date: 02/15/12 10:30 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.063	mg/Kg-dry	50	02/22/12 08:29 PM
Bromomethane	ND		0.095	mg/Kg-dry	50	02/22/12 08:29 PM
Carbon disulfide	ND		0.095	mg/Kg-dry	50	02/22/12 08:29 PM
Carbon tetrachloride	ND		0.063	mg/Kg-dry	50	02/22/12 08:29 PM
Chlorobenzene	ND		0.095	mg/Kg-dry	50	02/22/12 08:29 PM
Chloroethane	ND		0.19	mg/Kg-dry	50	02/22/12 08:29 PM
Chloroform	ND		0.063	mg/Kg-dry	50	02/22/12 08:29 PM
Chloromethane	ND		0.19	mg/Kg-dry	50	02/22/12 08:29 PM
cis-1,2-Dichloroethene	ND		0.13	mg/Kg-dry	50	02/22/12 08:29 PM
cis-1,3-Dichloropropene	ND		0.063	mg/Kg-dry	50	02/22/12 08:29 PM
Cyclohexane	ND		0.063	mg/Kg-dry	50	02/22/12 08:29 PM
Dibromochloromethane	ND		0.13	mg/Kg-dry	50	02/22/12 08:29 PM
Dichlorodifluoromethane	ND		0.063	mg/Kg-dry	50	02/22/12 08:29 PM
Ethylbenzene	ND		0.13	mg/Kg-dry	50	02/22/12 08:29 PM
Isopropylbenzene	ND		0.063	mg/Kg-dry	50	02/22/12 08:29 PM
Methyl acetate	ND		0.32	mg/Kg-dry	50	02/22/12 08:29 PM
Methyl tert-butyl ether	ND		0.095	mg/Kg-dry	50	02/22/12 08:29 PM
Methylcyclohexane	ND		1.3	mg/Kg-dry	50	02/22/12 08:29 PM
Methylene chloride	ND		0.13	mg/Kg-dry	50	02/22/12 08:29 PM
Styrene	ND		0.095	mg/Kg-dry	50	02/22/12 08:29 PM
Tetrachloroethene	ND		0.063	mg/Kg-dry	50	02/22/12 08:29 PM
Toluene	ND		0.095	mg/Kg-dry	50	02/22/12 08:29 PM
trans-1,2-Dichloroethene	ND		0.063	mg/Kg-dry	50	02/22/12 08:29 PM
trans-1,3-Dichloropropene	ND		0.095	mg/Kg-dry	50	02/22/12 08:29 PM
Trichloroethene	ND		0.063	mg/Kg-dry	50	02/22/12 08:29 PM
Trichlorofluoromethane	ND		0.063	mg/Kg-dry	50	02/22/12 08:29 PM
Vinyl chloride	ND		0.13	mg/Kg-dry	50	02/22/12 08:29 PM
Xylenes, Total	ND		0.19	mg/Kg-dry	50	02/22/12 08:29 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	108		70-120	%REC	50	02/22/12 08:29 PM
<i>Surr: 4-Bromofluorobenzene</i>	95.7		75-120	%REC	50	02/22/12 08:29 PM
<i>Surr: Dibromofluoromethane</i>	95.2		85-115	%REC	50	02/22/12 08:29 PM
<i>Surr: Toluene-d8</i>	99.2		85-115	%REC	50	02/22/12 08:29 PM

CHROMIUM, HEXAVALENT

Chromium, Hexavalent ND **SW7196A** mg/Kg-dry Prep Date: 02/20/12 Analyst: **MB** 02/23/12 12:01 PM

MOISTURE

Moisture 21 **A2540 G** % of sample 1 Analyst: **CG** 02/20/12 01:42 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: 1202544

Sample ID: RD-B02-S02-021512

Lab ID: 1202544-04

Collection Date: 02/15/12 10:40 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/22/12	Analyst: JD
2,4,5-T	ND		0.0063	mg/Kg-dry	1	02/24/12 03:05 PM
2,4,5-TP (Silvex)	ND		0.013	mg/Kg-dry	1	02/24/12 03:05 PM
2,4-D	ND		0.0063	mg/Kg-dry	1	02/24/12 03:05 PM
Surr: DCAA	71.8		30-150	%REC	1	02/24/12 03:05 PM
PCBS			SW8082		Prep Date: 02/23/12	Analyst: JD
Aroclor 1016	ND		0.051	mg/Kg-dry	1	02/26/12 04:13 AM
Aroclor 1221	ND		0.051	mg/Kg-dry	1	02/26/12 04:13 AM
Aroclor 1232	ND		0.051	mg/Kg-dry	1	02/26/12 04:13 AM
Aroclor 1242	ND		0.051	mg/Kg-dry	1	02/26/12 04:13 AM
Aroclor 1248	ND		0.051	mg/Kg-dry	1	02/26/12 04:13 AM
Aroclor 1254	ND		0.051	mg/Kg-dry	1	02/26/12 04:13 AM
Aroclor 1260	ND		0.051	mg/Kg-dry	1	02/26/12 04:13 AM
Surr: Decachlorobiphenyl	91.1		40-140	%REC	1	02/26/12 04:13 AM
PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
4,4'-DDD	ND		0.013	mg/Kg-dry	1	02/26/12 09:36 AM
4,4'-DDE	ND		0.013	mg/Kg-dry	1	02/26/12 09:36 AM
4,4'-DDT	ND		0.013	mg/Kg-dry	1	02/26/12 09:36 AM
Aldrin	ND		0.013	mg/Kg-dry	1	02/26/12 09:36 AM
alpha-BHC	ND		0.013	mg/Kg-dry	1	02/26/12 09:36 AM
alpha-Chlordane	ND		0.013	mg/Kg-dry	1	02/26/12 09:36 AM
beta-BHC	ND		0.013	mg/Kg-dry	1	02/26/12 09:36 AM
Chlordane, Technical	ND		0.032	mg/Kg-dry	1	02/26/12 09:36 AM
delta-BHC	ND		0.013	mg/Kg-dry	1	02/26/12 09:36 AM
Dieldrin	ND		0.013	mg/Kg-dry	1	02/26/12 09:36 AM
Endosulfan I	ND		0.013	mg/Kg-dry	1	02/26/12 09:36 AM
Endosulfan II	ND		0.013	mg/Kg-dry	1	02/26/12 09:36 AM
Endosulfan sulfate	ND		0.013	mg/Kg-dry	1	02/26/12 09:36 AM
Endrin	ND		0.013	mg/Kg-dry	1	02/26/12 09:36 AM
Endrin aldehyde	ND		0.013	mg/Kg-dry	1	02/26/12 09:36 AM
Endrin ketone	ND		0.013	mg/Kg-dry	1	02/26/12 09:36 AM
gamma-BHC (Lindane)	ND		0.013	mg/Kg-dry	1	02/26/12 09:36 AM
gamma-Chlordane	ND		0.013	mg/Kg-dry	1	02/26/12 09:36 AM
Heptachlor	ND		0.013	mg/Kg-dry	1	02/26/12 09:36 AM
Heptachlor epoxide	ND		0.013	mg/Kg-dry	1	02/26/12 09:36 AM
Methoxychlor	ND		0.013	mg/Kg-dry	1	02/26/12 09:36 AM
Toxaphene	ND		0.077	mg/Kg-dry	1	02/26/12 09:36 AM
Surr: Decachlorobiphenyl	71.1		45-135	%REC	1	02/26/12 09:36 AM
Surr: Tetrachloro-m-xylene	104		45-124	%REC	1	02/26/12 09:36 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: 1202544

Sample ID: RD-B02-S02-021512

Lab ID: 1202544-04

Collection Date: 02/15/12 10:40 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/20/12	Analyst: LR
Mercury	0.038		0.024	mg/Kg-dry	1	02/21/12 02:15 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/22/12	Analyst: RH
Aluminum	15,000		18	mg/Kg-dry	20	02/23/12 03:20 PM
Antimony	ND		0.91	mg/Kg-dry	2	02/22/12 11:06 PM
Arsenic	4.3		0.91	mg/Kg-dry	2	02/22/12 11:06 PM
Barium	81		0.91	mg/Kg-dry	2	02/22/12 11:06 PM
Beryllium	ND		3.6	mg/Kg-dry	20	02/23/12 03:20 PM
Boron	ND		36	mg/Kg-dry	20	02/23/12 03:20 PM
Cadmium	ND		0.36	mg/Kg-dry	2	02/22/12 11:06 PM
Calcium	47,000		910	mg/Kg-dry	20	02/23/12 03:20 PM
Chromium	20		0.91	mg/Kg-dry	2	02/22/12 11:06 PM
Cobalt	6.5		0.91	mg/Kg-dry	2	02/22/12 11:06 PM
Copper	20		0.91	mg/Kg-dry	2	02/22/12 11:06 PM
Iron	21,000		15	mg/Kg-dry	2	02/22/12 11:06 PM
Lead	14		0.91	mg/Kg-dry	2	02/22/12 11:06 PM
Magnesium	13,000		36	mg/Kg-dry	2	02/22/12 11:06 PM
Manganese	250		0.91	mg/Kg-dry	2	02/22/12 11:06 PM
Nickel	22		0.91	mg/Kg-dry	2	02/22/12 11:06 PM
Potassium	2,900		36	mg/Kg-dry	2	02/22/12 11:06 PM
Selenium	1.4		0.91	mg/Kg-dry	2	02/22/12 11:06 PM
Silver	ND		0.91	mg/Kg-dry	2	02/22/12 11:06 PM
Sodium	110		36	mg/Kg-dry	2	02/22/12 11:06 PM
Thallium	ND		0.91	mg/Kg-dry	2	02/22/12 11:06 PM
Vanadium	27		0.91	mg/Kg-dry	2	02/22/12 11:06 PM
Zinc	64		1.8	mg/Kg-dry	2	02/22/12 11:06 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/20/12	Analyst: HL
1,1'-Biphenyl	ND		0.43	mg/Kg-dry	1	02/25/12 09:09 AM
2,4,5-Trichlorophenol	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
2,4,6-Trichlorophenol	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
2,4-Dichlorophenol	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
2,4-Dimethylphenol	ND		0.43	mg/Kg-dry	1	02/25/12 09:09 AM
2,4-Dinitrophenol	ND		0.85	mg/Kg-dry	1	02/25/12 09:09 AM
2,4-Dinitrotoluene	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
2,6-Dinitrotoluene	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
2-Chloronaphthalene	ND		0.10	mg/Kg-dry	1	02/25/12 09:09 AM
2-Chlorophenol	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
2-Methylnaphthalene	ND		0.10	mg/Kg-dry	1	02/25/12 09:09 AM
2-Methylphenol	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 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: 1202544

Sample ID: RD-B02-S02-021512

Lab ID: 1202544-04

Collection Date: 02/15/12 10:40 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.85	mg/Kg-dry	1	02/25/12 09:09 AM
2-Nitrophenol	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
3,3'-Dichlorobenzidine	ND		0.85	mg/Kg-dry	1	02/25/12 09:09 AM
3-Nitroaniline	ND		0.85	mg/Kg-dry	1	02/25/12 09:09 AM
4,6-Dinitro-2-methylphenol	ND		0.43	mg/Kg-dry	1	02/25/12 09:09 AM
4-Bromophenyl phenyl ether	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
4-Chloro-3-methylphenol	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
4-Chloroaniline	ND		0.85	mg/Kg-dry	1	02/25/12 09:09 AM
4-Chlorophenyl phenyl ether	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
4-Methylphenol	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
4-Nitroaniline	ND	WJ	0.85	mg/Kg-dry	1	02/25/12 09:09 AM
4-Nitrophenol	ND		0.85	mg/Kg-dry	1	02/25/12 09:09 AM
Acenaphthene	ND		0.039	mg/Kg-dry	1	02/25/12 09:09 AM
Acenaphthylene	ND		0.039	mg/Kg-dry	1	02/25/12 09:09 AM
Acetophenone	ND		0.43	mg/Kg-dry	1	02/25/12 09:09 AM
Anthracene	ND		0.039	mg/Kg-dry	1	02/25/12 09:09 AM
Atrazine	ND		0.43	mg/Kg-dry	1	02/25/12 09:09 AM
Benzaldehyde	ND		0.43	mg/Kg-dry	1	02/25/12 09:09 AM
Benzo(a)anthracene	ND		0.039	mg/Kg-dry	1	02/25/12 09:09 AM
Benzo(a)pyrene	ND		0.039	mg/Kg-dry	1	02/25/12 09:09 AM
Benzo(b)fluoranthene	ND		0.039	mg/Kg-dry	1	02/25/12 09:09 AM
Benzo(g,h,i)perylene	ND		0.039	mg/Kg-dry	1	02/25/12 09:09 AM
Benzo(k)fluoranthene	ND		0.039	mg/Kg-dry	1	02/25/12 09:09 AM
Bis(2-chloroethoxy)methane	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
Bis(2-chloroethyl)ether	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
Bis(2-chloroisopropyl)ether	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
Bis(2-ethylhexyl)phthalate	ND		0.43	mg/Kg-dry	1	02/25/12 09:09 AM
Butyl benzyl phthalate	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
Caprolactam	ND		0.43	mg/Kg-dry	1	02/25/12 09:09 AM
Carbazole	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
Chrysene	ND		0.039	mg/Kg-dry	1	02/25/12 09:09 AM
Dibenzo(a,h)anthracene	ND		0.039	mg/Kg-dry	1	02/25/12 09:09 AM
Dibenzofuran	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
Diethyl phthalate	ND		0.43	mg/Kg-dry	1	02/25/12 09:09 AM
Dimethyl phthalate	ND		0.43	mg/Kg-dry	1	02/25/12 09:09 AM
Di-n-butyl phthalate	ND		0.43	mg/Kg-dry	1	02/25/12 09:09 AM
Di-n-octyl phthalate	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
Fluoranthene	ND		0.039	mg/Kg-dry	1	02/25/12 09:09 AM
Fluorene	ND		0.039	mg/Kg-dry	1	02/25/12 09:09 AM
Hexachlorobenzene	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM

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

28
3/13/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202544

Sample ID: RD-B02-S02-021512

Lab ID: 1202544-04

Collection Date: 02/15/12 10:40 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
Hexachlorocyclopentadiene	ND		0.43	mg/Kg-dry	1	02/25/12 09:09 AM
Hexachloroethane	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
Indeno(1,2,3-cd)pyrene	ND		0.039	mg/Kg-dry	1	02/25/12 09:09 AM
Isophorone	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
Naphthalene	ND		0.039	mg/Kg-dry	1	02/25/12 09:09 AM
Nitrobenzene	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
N-Nitrosodi-n-propylamine	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
N-Nitrosodiphenylamine	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
Pentachlorophenol	ND		0.43	mg/Kg-dry	1	02/25/12 09:09 AM
Phenanthrene	ND		0.039	mg/Kg-dry	1	02/25/12 09:09 AM
Phenol	ND		0.21	mg/Kg-dry	1	02/25/12 09:09 AM
Pyrene	ND		0.039	mg/Kg-dry	1	02/25/12 09:09 AM
Surr: 2,4,6-Tribromophenol	71.7		34-140	%REC	1	02/25/12 09:09 AM
Surr: 2-Fluorobiphenyl	64.5		12-100	%REC	1	02/25/12 09:09 AM
Surr: 2-Fluorophenol	76.1		33-117	%REC	1	02/25/12 09:09 AM
Surr: 4-Terphenyl-d14	79.3		25-137	%REC	1	02/25/12 09:09 AM
Surr: Nitrobenzene-d5	69.8		37-107	%REC	1	02/25/12 09:09 AM
Surr: Phenol-d6	76.9		40-106	%REC	1	02/25/12 09:09 AM
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: RS
1,1,1-Trichloroethane	ND		0.065	mg/Kg-dry	50	02/23/12 07:42 PM
1,1,2,2-Tetrachloroethane	ND		0.13	mg/Kg-dry	50	02/23/12 07:42 PM
1,1,2-Trichloroethane	ND		0.13	mg/Kg-dry	50	02/23/12 07:42 PM
1,1,2-Trichlorotrifluoroethane	ND		0.065	mg/Kg-dry	50	02/23/12 07:42 PM
1,1-Dichloroethane	ND		0.065	mg/Kg-dry	50	02/23/12 07:42 PM
1,1-Dichloroethene	ND		0.065	mg/Kg-dry	50	02/23/12 07:42 PM
1,2,4-Trichlorobenzene	ND		0.065	mg/Kg-dry	50	02/23/12 07:42 PM
1,2-Dibromo-3-chloropropane	ND		0.13	mg/Kg-dry	50	02/23/12 07:42 PM
1,2-Dibromoethane	ND		0.097	mg/Kg-dry	50	02/23/12 07:42 PM
1,2-Dichlorobenzene	ND		0.065	mg/Kg-dry	50	02/23/12 07:42 PM
1,2-Dichloroethane	ND		0.065	mg/Kg-dry	50	02/23/12 07:42 PM
1,2-Dichloropropane	ND		0.23	mg/Kg-dry	50	02/23/12 07:42 PM
1,3-Dichlorobenzene	ND		0.065	mg/Kg-dry	50	02/23/12 07:42 PM
1,4-Dichlorobenzene	ND		0.065	mg/Kg-dry	50	02/23/12 07:42 PM
2-Butanone	ND		0.49	mg/Kg-dry	50	02/23/12 07:42 PM
2-Hexanone	ND		0.32	mg/Kg-dry	50	02/23/12 07:42 PM
4-Methyl-2-pentanone	ND		0.32	mg/Kg-dry	50	02/23/12 07:42 PM
Acetone	ND		0.29	mg/Kg-dry	50	02/23/12 07:42 PM
Benzene	ND		0.065	mg/Kg-dry	50	02/23/12 07:42 PM
Bromodichloromethane	ND		0.097	mg/Kg-dry	50	02/23/12 07:42 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
 Sample ID: RD-B02-S02-021512
 Collection Date: 02/15/12 10:40 AM

Work Order: 1202544
 Lab ID: 1202544-04
 Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.065	mg/Kg-dry	50	02/23/12 07:42 PM
Bromomethane	ND		0.097	mg/Kg-dry	50	02/23/12 07:42 PM
Carbon disulfide	ND		0.097	mg/Kg-dry	50	02/23/12 07:42 PM
Carbon tetrachloride	ND		0.065	mg/Kg-dry	50	02/23/12 07:42 PM
Chlorobenzene	ND		0.097	mg/Kg-dry	50	02/23/12 07:42 PM
Chloroethane	ND		0.19	mg/Kg-dry	50	02/23/12 07:42 PM
Chloroform	ND		0.065	mg/Kg-dry	50	02/23/12 07:42 PM
Chloromethane	ND		0.19	mg/Kg-dry	50	02/23/12 07:42 PM
cis-1,2-Dichloroethene	ND		0.13	mg/Kg-dry	50	02/23/12 07:42 PM
cis-1,3-Dichloropropene	ND		0.065	mg/Kg-dry	50	02/23/12 07:42 PM
Cyclohexane	ND		0.065	mg/Kg-dry	50	02/23/12 07:42 PM
Dibromochloromethane	ND		0.13	mg/Kg-dry	50	02/23/12 07:42 PM
Dichlorodifluoromethane	ND		0.065	mg/Kg-dry	50	02/23/12 07:42 PM
Ethylbenzene	ND		0.13	mg/Kg-dry	50	02/23/12 07:42 PM
Isopropylbenzene	ND		0.065	mg/Kg-dry	50	02/23/12 07:42 PM
Methyl acetate	ND		0.65	mg/Kg-dry	50	02/23/12 07:42 PM
Methyl tert-butyl ether	ND		0.097	mg/Kg-dry	50	02/23/12 07:42 PM
Methylcyclohexane	ND		1.3	mg/Kg-dry	50	02/23/12 07:42 PM
Methylene chloride	ND		0.13	mg/Kg-dry	50	02/23/12 07:42 PM
Styrene	ND		0.097	mg/Kg-dry	50	02/23/12 07:42 PM
Tetrachloroethene	ND		0.065	mg/Kg-dry	50	02/23/12 07:42 PM
Toluene	ND		0.097	mg/Kg-dry	50	02/23/12 07:42 PM
trans-1,2-Dichloroethene	ND		0.065	mg/Kg-dry	50	02/23/12 07:42 PM
trans-1,3-Dichloropropene	ND		0.097	mg/Kg-dry	50	02/23/12 07:42 PM
Trichloroethene	ND		0.065	mg/Kg-dry	50	02/23/12 07:42 PM
Trichlorofluoromethane	ND		0.065	mg/Kg-dry	50	02/23/12 07:42 PM
Vinyl chloride	ND		0.13	mg/Kg-dry	50	02/23/12 07:42 PM
Xylenes, Total	ND		0.19	mg/Kg-dry	50	02/23/12 07:42 PM
Surr: 1,2-Dichloroethane-d4	107		70-120	%REC	50	02/23/12 07:42 PM
Surr: 4-Bromofluorobenzene	94.0		75-120	%REC	50	02/23/12 07:42 PM
Surr: Dibromofluoromethane	100		85-115	%REC	50	02/23/12 07:42 PM
Surr: Toluene-d8	99.3		85-115	%REC	50	02/23/12 07:42 PM

CHROMIUM, HEXAVALENT

Chromium, Hexavalent ND **SW7196A** mg/Kg-dry Prep Date: 02/20/12 Analyst: MB 02/23/12 12:01 PM

MOISTURE

Moisture 23 **A2540 G** % of sample 1 Analyst: CG 02/20/12 01:42 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
 Sample ID: YD-B01-S01-021512
 Collection Date: 02/15/12 02:10 PM

Work Order: 1202544
 Lab ID: 1202544-05
 Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/22/12	Analyst: JD
2,4,5-T	ND		0.0059	mg/Kg-dry	1	02/24/12 03:05 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/24/12 03:05 PM
2,4-D	ND		0.0059	mg/Kg-dry	1	02/24/12 03:05 PM
Surr: DCAA	75.6		30-150	%REC	1	02/24/12 03:05 PM
PCBS			SW8082		Prep Date: 02/23/12	Analyst: JD
Aroclor 1016	ND		0.048	mg/Kg-dry	1	02/26/12 04:32 AM
Aroclor 1221	ND		0.048	mg/Kg-dry	1	02/26/12 04:32 AM
Aroclor 1232	ND		0.048	mg/Kg-dry	1	02/26/12 04:32 AM
Aroclor 1242	ND		0.048	mg/Kg-dry	1	02/26/12 04:32 AM
Aroclor 1248	ND		0.048	mg/Kg-dry	1	02/26/12 04:32 AM
Aroclor 1254	ND		0.048	mg/Kg-dry	1	02/26/12 04:32 AM
Aroclor 1260	0.27		0.048	mg/Kg-dry	1	02/26/12 04:32 AM
Surr: Decachlorobiphenyl	92.1		40-140	%REC	1	02/26/12 04:32 AM
PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
4,4'-DDD	ND		0.24	mg/Kg-dry	20	02/26/12 09:51 AM
4,4'-DDE	ND		0.24	mg/Kg-dry	20	02/26/12 09:51 AM
4,4'-DDT	ND		0.24	mg/Kg-dry	20	02/26/12 09:51 AM
Aldrin	ND		0.24	mg/Kg-dry	20	02/26/12 09:51 AM
alpha-BHC	ND		0.24	mg/Kg-dry	20	02/26/12 09:51 AM
alpha-Chlordane	ND		0.24	mg/Kg-dry	20	02/26/12 09:51 AM
beta-BHC	ND		0.24	mg/Kg-dry	20	02/26/12 09:51 AM
Chlordane, Technical	ND		0.61	mg/Kg-dry	20	02/26/12 09:51 AM
delta-BHC	ND		0.24	mg/Kg-dry	20	02/26/12 09:51 AM
Dieldrin	0.55		0.24	mg/Kg-dry	20	02/26/12 09:51 AM
Endosulfan I	ND		0.24	mg/Kg-dry	20	02/26/12 09:51 AM
Endosulfan II	ND		0.24	mg/Kg-dry	20	02/26/12 09:51 AM
Endosulfan sulfate	ND		0.24	mg/Kg-dry	20	02/26/12 09:51 AM
Endrin	ND		0.24	mg/Kg-dry	20	02/26/12 09:51 AM
Endrin aldehyde	ND		0.24	mg/Kg-dry	20	02/26/12 09:51 AM
Endrin ketone	ND		0.24	mg/Kg-dry	20	02/26/12 09:51 AM
gamma-BHC (Lindane)	ND		0.24	mg/Kg-dry	20	02/26/12 09:51 AM
gamma-Chlordane	ND		0.24	mg/Kg-dry	20	02/26/12 09:51 AM
Heptachlor	ND		0.24	mg/Kg-dry	20	02/26/12 09:51 AM
Heptachlor epoxide	ND		0.24	mg/Kg-dry	20	02/26/12 09:51 AM
Methoxychlor	ND		0.24	mg/Kg-dry	20	02/26/12 09:51 AM
Toxaphene	ND		1.5	mg/Kg-dry	20	02/26/12 09:51 AM
Surr: Decachlorobiphenyl	240	S	45-135	%REC	20	02/26/12 09:51 AM
Surr: Tetrachloro-m-xylene	80.1		45-124	%REC	20	02/26/12 09:51 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: 1202544

Sample ID: YD-B01-S01-021512

Lab ID: 1202544-05

Collection Date: 02/15/12 02:10 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	0.98		0.23	mg/Kg-dry	10	02/21/12 05:39 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/22/12	Analyst: RH
Aluminum	6,300		18	mg/Kg-dry	20	02/23/12 03:26 PM
Antimony	2.1		0.90	mg/Kg-dry	2	02/22/12 11:12 PM
Arsenic	17		0.90	mg/Kg-dry	2	02/22/12 11:12 PM
Barium	310		0.90	mg/Kg-dry	2	02/22/12 11:12 PM
Beryllium	ND		0.36	mg/Kg-dry	2	02/22/12 11:12 PM
Boron	5.7		3.6	mg/Kg-dry	2	02/22/12 11:12 PM
Cadmium	6.9		0.36	mg/Kg-dry	2	02/22/12 11:12 PM
Calcium	21,000		90	mg/Kg-dry	2	02/22/12 11:12 PM
Chromium	26		0.90	mg/Kg-dry	2	02/22/12 11:12 PM
Cobalt	7.7		0.90	mg/Kg-dry	2	02/22/12 11:12 PM
Copper	77		0.90	mg/Kg-dry	2	02/22/12 11:12 PM
Iron	110,000		140	mg/Kg-dry	20	02/23/12 03:26 PM
Lead	300		0.90	mg/Kg-dry	2	02/22/12 11:12 PM
Magnesium	4,900		36	mg/Kg-dry	2	02/22/12 11:12 PM
Manganese	720		9.0	mg/Kg-dry	20	02/23/12 03:26 PM
Nickel	32		0.90	mg/Kg-dry	2	02/22/12 11:12 PM
Potassium	660		36	mg/Kg-dry	2	02/22/12 11:12 PM
Selenium	1.7		0.90	mg/Kg-dry	2	02/22/12 11:12 PM
Silver	ND		0.90	mg/Kg-dry	2	02/22/12 11:12 PM
Sodium	74		36	mg/Kg-dry	2	02/22/12 11:12 PM
Thallium	ND		0.90	mg/Kg-dry	2	02/22/12 11:12 PM
Vanadium	12		0.90	mg/Kg-dry	2	02/22/12 11:12 PM
Zinc	700		18	mg/Kg-dry	20	02/23/12 03:26 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/21/12	Analyst: HL
1,1'-Biphenyl	ND		0.39	mg/Kg-dry	1	02/27/12 12:32 PM
2,4,5-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM
2,4,6-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM
2,4-Dichlorophenol	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM
2,4-Dimethylphenol	ND		0.39	mg/Kg-dry	1	02/27/12 12:32 PM
2,4-Dinitrophenol	ND		0.78	mg/Kg-dry	1	02/27/12 12:32 PM
2,4-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM
2,6-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM
2-Chloronaphthalene	ND		0.095	mg/Kg-dry	1	02/27/12 12:32 PM
2-Chlorophenol	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM
2-Methylnaphthalene	ND		0.095	mg/Kg-dry	1	02/27/12 12:32 PM
2-Methylphenol	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 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: 1202544

Sample ID: YD-B01-S01-021512

Lab ID: 1202544-05

Collection Date: 02/15/12 02:10 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.78	mg/Kg-dry	1	02/27/12 12:32 PM
2-Nitrophenol	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM
3,3'-Dichlorobenzidine	ND		0.78	mg/Kg-dry	1	02/27/12 12:32 PM
3-Nitroaniline	ND		0.78	mg/Kg-dry	1	02/27/12 12:32 PM
4,6-Dinitro-2-methylphenol	ND		0.39	mg/Kg-dry	1	02/27/12 12:32 PM
4-Bromophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM
4-Chloro-3-methylphenol	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM
4-Chloroaniline	ND		0.78	mg/Kg-dry	1	02/27/12 12:32 PM
4-Chlorophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM
4-Methylphenol	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM
4-Nitroaniline	ND	UJ	0.78	mg/Kg-dry	1	02/27/12 12:32 PM
4-Nitrophenol	ND		0.78	mg/Kg-dry	1	02/27/12 12:32 PM
Acenaphthene	ND		0.035	mg/Kg-dry	1	02/27/12 12:32 PM
Acenaphthylene	ND		0.035	mg/Kg-dry	1	02/27/12 12:32 PM
Acetophenone	ND		0.39	mg/Kg-dry	1	02/27/12 12:32 PM
Anthracene	0.069		0.035	mg/Kg-dry	1	02/27/12 12:32 PM
Atrazine	ND		0.39	mg/Kg-dry	1	02/27/12 12:32 PM
Benzaldehyde	ND		0.39	mg/Kg-dry	1	02/27/12 12:32 PM
Benzo(a)anthracene	0.20		0.035	mg/Kg-dry	1	02/27/12 12:32 PM
Benzo(a)pyrene	ND		0.35	mg/Kg-dry	10	02/25/12 06:25 PM
Benzo(b)fluoranthene	0.52		0.35	mg/Kg-dry	10	02/25/12 06:25 PM
Benzo(g,h,i)perylene	ND		0.35	mg/Kg-dry	10	02/25/12 06:25 PM
Benzo(k)fluoranthene	ND		0.35	mg/Kg-dry	10	02/25/12 06:25 PM
Bis(2-chloroethoxy)methane	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM
Bis(2-chloroethyl)ether	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM
Bis(2-chloroisopropyl)ether	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM
Bis(2-ethylhexyl)phthalate	1.4		0.39	mg/Kg-dry	1	02/27/12 12:32 PM
Butyl benzyl phthalate	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM
Caprolactam	ND		0.39	mg/Kg-dry	1	02/27/12 12:32 PM
Carbazole	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM
Chrysene	0.32		0.035	mg/Kg-dry	1	02/27/12 12:32 PM
Dibenzo(a,h)anthracene	ND		0.35	mg/Kg-dry	10	02/25/12 06:25 PM
Dibenzofuran	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM
Diethyl phthalate	ND		0.39	mg/Kg-dry	1	02/27/12 12:32 PM
Dimethyl phthalate	ND		0.39	mg/Kg-dry	1	02/27/12 12:32 PM
Di-n-butyl phthalate	ND		0.39	mg/Kg-dry	1	02/27/12 12:32 PM
Di-n-octyl phthalate	ND		1.9	mg/Kg-dry	10	02/25/12 06:25 PM
Fluoranthene	0.27		0.035	mg/Kg-dry	1	02/27/12 12:32 PM
Fluorene	ND		0.035	mg/Kg-dry	1	02/27/12 12:32 PM
Hexachlorobenzene	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM

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

72
3/13/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202544

Sample ID: YD-B01-S01-021512

Lab ID: 1202544-05

Collection Date: 02/15/12 02:10 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM
Hexachlorocyclopentadiene	ND		0.39	mg/Kg-dry	1	02/27/12 12:32 PM
Hexachloroethane	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM
Indeno(1,2,3-cd)pyrene	ND		0.35	mg/Kg-dry	10	02/25/12 06:25 PM
Isophorone	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM
Naphthalene	ND		0.035	mg/Kg-dry	1	02/27/12 12:32 PM
Nitrobenzene	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM
N-Nitrosodi-n-propylamine	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM
N-Nitrosodiphenylamine	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM
Pentachlorophenol	ND		0.39	mg/Kg-dry	1	02/27/12 12:32 PM
Phenanthrene	0.072		0.035	mg/Kg-dry	1	02/27/12 12:32 PM
Phenol	ND		0.19	mg/Kg-dry	1	02/27/12 12:32 PM
Pyrene	0.27		0.035	mg/Kg-dry	1	02/27/12 12:32 PM
Surr: 2,4,6-Tribromophenol	51.8		34-140	%REC	1	02/27/12 12:32 PM
Surr: 2-Fluorobiphenyl	48.4		12-100	%REC	1	02/27/12 12:32 PM
Surr: 2-Fluorophenol	40.0		33-117	%REC	1	02/27/12 12:32 PM
Surr: 4-Terphenyl-d14	60.9		25-137	%REC	1	02/27/12 12:32 PM
Surr: Nitrobenzene-d5	48.8		37-107	%REC	1	02/27/12 12:32 PM
Surr: Phenol-d6	43.4		40-106	%REC	1	02/27/12 12:32 PM
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: RS
1,1,1-Trichloroethane	ND		0.061	mg/Kg-dry	50	02/22/12 08:54 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/22/12 08:54 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/22/12 08:54 PM
1,1,2-Trichlorotrifluoroethane	ND		0.061	mg/Kg-dry	50	02/22/12 08:54 PM
1,1-Dichloroethane	ND		0.061	mg/Kg-dry	50	02/22/12 08:54 PM
1,1-Dichloroethene	ND		0.061	mg/Kg-dry	50	02/22/12 08:54 PM
1,2,4-Trichlorobenzene	ND		0.061	mg/Kg-dry	50	02/22/12 08:54 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/22/12 08:54 PM
1,2-Dibromoethane	ND		0.091	mg/Kg-dry	50	02/22/12 08:54 PM
1,2-Dichlorobenzene	ND		0.061	mg/Kg-dry	50	02/22/12 08:54 PM
1,2-Dichloroethane	ND		0.061	mg/Kg-dry	50	02/22/12 08:54 PM
1,2-Dichloropropane	ND		0.21	mg/Kg-dry	50	02/22/12 08:54 PM
1,3-Dichlorobenzene	ND		0.061	mg/Kg-dry	50	02/22/12 08:54 PM
1,4-Dichlorobenzene	ND		0.061	mg/Kg-dry	50	02/22/12 08:54 PM
2-Butanone	ND		0.45	mg/Kg-dry	50	02/22/12 08:54 PM
2-Hexanone	ND		0.30	mg/Kg-dry	50	02/22/12 08:54 PM
4-Methyl-2-pentanone	ND		0.30	mg/Kg-dry	50	02/22/12 08:54 PM
Acetone	ND		0.27	mg/Kg-dry	50	02/22/12 08:54 PM
Benzene	ND		0.061	mg/Kg-dry	50	02/22/12 08:54 PM
Bromodichloromethane	ND		0.091	mg/Kg-dry	50	02/22/12 08:54 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
Sample ID: YD-B01-S01-021512
Collection Date: 02/15/12 02:10 PM

Work Order: 1202544
Lab ID: 1202544-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.061	mg/Kg-dry	50	02/22/12 08:54 PM
Bromomethane	ND		0.091	mg/Kg-dry	50	02/22/12 08:54 PM
Carbon disulfide	ND		0.091	mg/Kg-dry	50	02/22/12 08:54 PM
Carbon tetrachloride	ND		0.061	mg/Kg-dry	50	02/22/12 08:54 PM
Chlorobenzene	ND		0.091	mg/Kg-dry	50	02/22/12 08:54 PM
Chloroethane	ND		0.18	mg/Kg-dry	50	02/22/12 08:54 PM
Chloroform	ND		0.061	mg/Kg-dry	50	02/22/12 08:54 PM
Chloromethane	ND		0.18	mg/Kg-dry	50	02/22/12 08:54 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/22/12 08:54 PM
cis-1,3-Dichloropropene	ND		0.061	mg/Kg-dry	50	02/22/12 08:54 PM
Cyclohexane	ND		0.061	mg/Kg-dry	50	02/22/12 08:54 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/22/12 08:54 PM
Dichlorodifluoromethane	ND		0.061	mg/Kg-dry	50	02/22/12 08:54 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/22/12 08:54 PM
Isopropylbenzene	ND		0.061	mg/Kg-dry	50	02/22/12 08:54 PM
Methyl acetate	ND		0.42	mg/Kg-dry	50	02/22/12 08:54 PM
Methyl tert-butyl ether	ND		0.091	mg/Kg-dry	50	02/22/12 08:54 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/22/12 08:54 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/22/12 08:54 PM
Styrene	ND		0.091	mg/Kg-dry	50	02/22/12 08:54 PM
Tetrachloroethene	ND		0.061	mg/Kg-dry	50	02/22/12 08:54 PM
Toluene	ND		0.091	mg/Kg-dry	50	02/22/12 08:54 PM
trans-1,2-Dichloroethene	ND		0.061	mg/Kg-dry	50	02/22/12 08:54 PM
trans-1,3-Dichloropropene	ND		0.091	mg/Kg-dry	50	02/22/12 08:54 PM
Trichloroethene	ND		0.061	mg/Kg-dry	50	02/22/12 08:54 PM
Trichlorofluoromethane	ND		0.061	mg/Kg-dry	50	02/22/12 08:54 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/22/12 08:54 PM
Xylenes, Total	ND		0.18	mg/Kg-dry	50	02/22/12 08:54 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	110		70-120	%REC	50	02/22/12 08:54 PM
<i>Surr: 4-Bromofluorobenzene</i>	94.7		75-120	%REC	50	02/22/12 08:54 PM
<i>Surr: Dibromofluoromethane</i>	95.1		85-115	%REC	50	02/22/12 08:54 PM
<i>Surr: Toluene-d8</i>	98.4		85-115	%REC	50	02/22/12 08:54 PM

CHROMIUM, HEXAVALENT

Chromium, Hexavalent **SW7196A** Prep Date: 02/20/12 Analyst: **MB**
 ND 0.61 mg/Kg-dry 1 02/23/12 12:01 PM

MOISTURE

Moisture **A2540 G** Analyst: **CG**
 17 0.050 % of sample 1 02/20/12 01:42 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: 1202544

Sample ID: YD-B01-S01-021512-DP

Lab ID: 1202544-06

Collection Date: 02/15/12 02:10 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/22/12	Analyst: JD
2,4,5-T	ND		0.0059	mg/Kg-dry	1	02/24/12 03:05 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/24/12 03:05 PM
2,4-D	ND		0.0059	mg/Kg-dry	1	02/24/12 03:05 PM
Surr: DCAA	89.0		30-150	%REC	1	02/24/12 03:05 PM
PCBS			SW8082		Prep Date: 02/23/12	Analyst: JD
Aroclor 1016	ND		0.047	mg/Kg-dry	1	02/26/12 04:52 AM
Aroclor 1221	ND		0.047	mg/Kg-dry	1	02/26/12 04:52 AM
Aroclor 1232	ND		0.047	mg/Kg-dry	1	02/26/12 04:52 AM
Aroclor 1242	ND		0.047	mg/Kg-dry	1	02/26/12 04:52 AM
Aroclor 1248	ND		0.047	mg/Kg-dry	1	02/26/12 04:52 AM
Aroclor 1254	ND		0.047	mg/Kg-dry	1	02/26/12 04:52 AM
Aroclor 1260	0.25		0.047	mg/Kg-dry	1	02/26/12 04:52 AM
Surr: Decachlorobiphenyl	86.1		40-140	%REC	1	02/26/12 04:52 AM
PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
4,4'-DDD	ND		0.23	mg/Kg-dry	20	02/26/12 10:06 AM
4,4'-DDE	ND		0.23	mg/Kg-dry	20	02/26/12 10:06 AM
4,4'-DDT	ND		0.23	mg/Kg-dry	20	02/26/12 10:06 AM
Aldrin	ND		0.23	mg/Kg-dry	20	02/26/12 10:06 AM
alpha-BHC	ND		0.23	mg/Kg-dry	20	02/26/12 10:06 AM
alpha-Chlordane	ND		0.23	mg/Kg-dry	20	02/26/12 10:06 AM
beta-BHC	ND		0.23	mg/Kg-dry	20	02/26/12 10:06 AM
Chlordane, Technical	ND		0.58	mg/Kg-dry	20	02/26/12 10:06 AM
delta-BHC	ND		0.23	mg/Kg-dry	20	02/26/12 10:06 AM
Dieldrin	0.52		0.23	mg/Kg-dry	20	02/26/12 10:06 AM
Endosulfan I	ND		0.23	mg/Kg-dry	20	02/26/12 10:06 AM
Endosulfan II	ND		0.23	mg/Kg-dry	20	02/26/12 10:06 AM
Endosulfan sulfate	ND		0.23	mg/Kg-dry	20	02/26/12 10:06 AM
Endrin	ND		0.23	mg/Kg-dry	20	02/26/12 10:06 AM
Endrin aldehyde	ND		0.23	mg/Kg-dry	20	02/26/12 10:06 AM
Endrin ketone	ND		0.23	mg/Kg-dry	20	02/26/12 10:06 AM
gamma-BHC (Lindane)	ND		0.23	mg/Kg-dry	20	02/26/12 10:06 AM
gamma-Chlordane	ND		0.23	mg/Kg-dry	20	02/26/12 10:06 AM
Heptachlor	ND		0.23	mg/Kg-dry	20	02/26/12 10:06 AM
Heptachlor epoxide	ND		0.23	mg/Kg-dry	20	02/26/12 10:06 AM
Methoxychlor	ND		0.23	mg/Kg-dry	20	02/26/12 10:06 AM
Toxaphene	ND		1.4	mg/Kg-dry	20	02/26/12 10:06 AM
Surr: Decachlorobiphenyl	240	S	45-135	%REC	20	02/26/12 10:06 AM
Surr: Tetrachloro-m-xylene	80.1		45-124	%REC	20	02/26/12 10:06 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: 1202544

Sample ID: YD-B01-S01-021512-DP

Lab ID: 1202544-06

Collection Date: 02/15/12 02:10 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA						
Mercury	1.4		SW7471 0.21	mg/Kg-dry	Prep Date: 02/20/12 10	Analyst: LR 02/21/12 02:38 PM
METALS BY ICP-MS						
Aluminum	7,700		SW6020A 17	mg/Kg-dry	Prep Date: 02/22/12 20	Analyst: RH 02/23/12 03:32 PM
Antimony	1.3		0.83	mg/Kg-dry	2	02/22/12 11:18 PM
Arsenic	13		0.83	mg/Kg-dry	2	02/22/12 11:18 PM
Barium	220		0.83	mg/Kg-dry	2	02/22/12 11:18 PM
Beryllium	0.40		0.33	mg/Kg-dry	2	02/22/12 11:18 PM
Boron	6.3		3.3	mg/Kg-dry	2	02/22/12 11:18 PM
Cadmium	8.6		0.33	mg/Kg-dry	2	02/22/12 11:18 PM
Calcium	25,000		83	mg/Kg-dry	2	02/22/12 11:18 PM
Chromium	27		0.83	mg/Kg-dry	2	02/22/12 11:18 PM
Cobalt	7.6		0.83	mg/Kg-dry	2	02/22/12 11:18 PM
Copper	49		0.83	mg/Kg-dry	2	02/22/12 11:18 PM
Iron	48,000		130	mg/Kg-dry	20	02/23/12 03:32 PM
Lead	550		8.3	mg/Kg-dry	20	02/23/12 03:32 PM
Magnesium	9,000		33	mg/Kg-dry	2	02/22/12 11:18 PM
Manganese	650		8.3	mg/Kg-dry	20	02/23/12 03:32 PM
Nickel	24		0.83	mg/Kg-dry	2	02/22/12 11:18 PM
Potassium	850		33	mg/Kg-dry	2	02/22/12 11:18 PM
Selenium	2.3		0.83	mg/Kg-dry	2	02/22/12 11:18 PM
Silver	ND		0.83	mg/Kg-dry	2	02/22/12 11:18 PM
Sodium	120		33	mg/Kg-dry	2	02/22/12 11:18 PM
Thallium	ND		0.83	mg/Kg-dry	2	02/22/12 11:18 PM
Vanadium	15		0.83	mg/Kg-dry	2	02/22/12 11:18 PM
Zinc	810		17	mg/Kg-dry	20	02/23/12 03:32 PM
SEMI-VOLATILE ORGANIC COMPOUNDS						
1,1'-Biphenyl	ND		SW8270 3.9	mg/Kg-dry	Prep Date: 02/21/12 10	Analyst: HL 02/23/12 07:59 PM
2,4,5-Trichlorophenol	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
2,4,6-Trichlorophenol	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
2,4-Dichlorophenol	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
2,4-Dimethylphenol	ND		3.9	mg/Kg-dry	10	02/23/12 07:59 PM
2,4-Dinitrophenol	ND		7.9	mg/Kg-dry	10	02/23/12 07:59 PM
2,4-Dinitrotoluene	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
2,6-Dinitrotoluene	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
2-Chloronaphthalene	ND		0.95	mg/Kg-dry	10	02/23/12 07:59 PM
2-Chlorophenol	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
2-Methylnaphthalene	ND		0.95	mg/Kg-dry	10	02/23/12 07:59 PM
2-Methylphenol	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 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
 Sample ID: YD-B01-S01-021512-DP
 Collection Date: 02/15/12 02:10 PM

Work Order: 1202544
 Lab ID: 1202544-06
 Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		7.9	mg/Kg-dry	10	02/23/12 07:59 PM
2-Nitrophenol	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
3,3'-Dichlorobenzidine	ND		7.9	mg/Kg-dry	10	02/23/12 07:59 PM
3-Nitroaniline	ND		7.9	mg/Kg-dry	10	02/23/12 07:59 PM
4,6-Dinitro-2-methylphenol	ND		3.9	mg/Kg-dry	10	02/23/12 07:59 PM
4-Bromophenyl phenyl ether	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
4-Chloro-3-methylphenol	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
4-Chloroaniline	ND		7.9	mg/Kg-dry	10	02/23/12 07:59 PM
4-Chlorophenyl phenyl ether	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
4-Methylphenol	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
4-Nitroaniline	ND	UJ	7.9	mg/Kg-dry	10	02/23/12 07:59 PM
4-Nitrophenol	ND		7.9	mg/Kg-dry	10	02/23/12 07:59 PM
Acenaphthene	ND		0.36	mg/Kg-dry	10	02/23/12 07:59 PM
Acenaphthylene	ND		0.36	mg/Kg-dry	10	02/23/12 07:59 PM
Acetophenone	ND		3.9	mg/Kg-dry	10	02/23/12 07:59 PM
Anthracene	ND		0.36	mg/Kg-dry	10	02/23/12 07:59 PM
Atrazine	ND		3.9	mg/Kg-dry	10	02/23/12 07:59 PM
Benzaldehyde	ND		3.9	mg/Kg-dry	10	02/23/12 07:59 PM
Benzo(a)anthracene	0.83		0.36	mg/Kg-dry	10	02/23/12 07:59 PM
Benzo(a)pyrene	0.48		0.36	mg/Kg-dry	10	02/23/12 07:59 PM
Benzo(b)fluoranthene	2.4		0.36	mg/Kg-dry	10	02/23/12 07:59 PM
Benzo(g,h,i)perylene	0.40		0.36	mg/Kg-dry	10	02/23/12 07:59 PM
Benzo(k)fluoranthene	0.50		0.36	mg/Kg-dry	10	02/23/12 07:59 PM
Bis(2-chloroethoxy)methane	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
Bis(2-chloroethyl)ether	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
Bis(2-chloroisopropyl)ether	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
Bis(2-ethylhexyl)phthalate	ND		3.9	mg/Kg-dry	10	02/23/12 07:59 PM
Butyl benzyl phthalate	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
Caprolactam	ND		3.9	mg/Kg-dry	10	02/23/12 07:59 PM
Carbazole	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
Chrysene	1.4		0.36	mg/Kg-dry	10	02/23/12 07:59 PM
Dibenzo(a,h)anthracene	ND		0.36	mg/Kg-dry	10	02/23/12 07:59 PM
Dibenzofuran	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
Diethyl phthalate	ND		3.9	mg/Kg-dry	10	02/23/12 07:59 PM
Dimethyl phthalate	ND		3.9	mg/Kg-dry	10	02/23/12 07:59 PM
Di-n-butyl phthalate	ND		3.9	mg/Kg-dry	10	02/23/12 07:59 PM
Di-n-octyl phthalate	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
Fluoranthene	1.2		0.36	mg/Kg-dry	10	02/23/12 07:59 PM
Fluorene	ND		0.36	mg/Kg-dry	10	02/23/12 07:59 PM
Hexachlorobenzene	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM

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

29
3/13/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202544

Sample ID: YD-B01-S01-021512-DP

Lab ID: 1202544-06

Collection Date: 02/15/12 02:10 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
Hexachlorocyclopentadiene	ND		3.9	mg/Kg-dry	10	02/23/12 07:59 PM
Hexachloroethane	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
Indeno(1,2,3-cd)pyrene	0.41		0.36	mg/Kg-dry	10	02/23/12 07:59 PM
Isophorone	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
Naphthalene	ND		0.36	mg/Kg-dry	10	02/23/12 07:59 PM
Nitrobenzene	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
N-Nitrosodi-n-propylamine	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
N-Nitrosodiphenylamine	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
Pentachlorophenol	ND		3.9	mg/Kg-dry	10	02/23/12 07:59 PM
Phenanthrene	ND		0.36	mg/Kg-dry	10	02/23/12 07:59 PM
Phenol	ND		1.9	mg/Kg-dry	10	02/23/12 07:59 PM
Pyrene	1.0		0.36	mg/Kg-dry	10	02/23/12 07:59 PM
Surr: 2,4,6-Tribromophenol	95.0		34-140	%REC	10	02/23/12 07:59 PM
Surr: 2-Fluorobiphenyl	88.8		12-100	%REC	10	02/23/12 07:59 PM
Surr: 2-Fluorophenol	68.8		33-117	%REC	10	02/23/12 07:59 PM
Surr: 4-Terphenyl-d14	115		25-137	%REC	10	02/23/12 07:59 PM
Surr: Nitrobenzene-d5	74.8		37-107	%REC	10	02/23/12 07:59 PM
Surr: Phenol-d6	78.8		40-106	%REC	10	02/23/12 07:59 PM
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: RS
1,1,1-Trichloroethane	ND		0.061	mg/Kg-dry	50	02/22/12 09:19 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/22/12 09:19 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/22/12 09:19 PM
1,1,2-Trichlorotrifluoroethane	ND		0.061	mg/Kg-dry	50	02/22/12 09:19 PM
1,1-Dichloroethane	ND		0.061	mg/Kg-dry	50	02/22/12 09:19 PM
1,1-Dichloroethene	ND		0.061	mg/Kg-dry	50	02/22/12 09:19 PM
1,2,4-Trichlorobenzene	ND		0.061	mg/Kg-dry	50	02/22/12 09:19 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/22/12 09:19 PM
1,2-Dibromoethane	ND		0.091	mg/Kg-dry	50	02/22/12 09:19 PM
1,2-Dichlorobenzene	ND		0.061	mg/Kg-dry	50	02/22/12 09:19 PM
1,2-Dichloroethane	ND		0.061	mg/Kg-dry	50	02/22/12 09:19 PM
1,2-Dichloropropane	ND		0.21	mg/Kg-dry	50	02/22/12 09:19 PM
1,3-Dichlorobenzene	ND		0.061	mg/Kg-dry	50	02/22/12 09:19 PM
1,4-Dichlorobenzene	ND		0.061	mg/Kg-dry	50	02/22/12 09:19 PM
2-Butanone	ND		0.46	mg/Kg-dry	50	02/22/12 09:19 PM
2-Hexanone	ND		0.30	mg/Kg-dry	50	02/22/12 09:19 PM
4-Methyl-2-pentanone	ND		0.30	mg/Kg-dry	50	02/22/12 09:19 PM
Acetone	ND		0.27	mg/Kg-dry	50	02/22/12 09:19 PM
Benzene	ND		0.061	mg/Kg-dry	50	02/22/12 09:19 PM
Bromodichloromethane	ND		0.091	mg/Kg-dry	50	02/22/12 09:19 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: 1202544

Sample ID: YD-B01-S01-021512-DP

Lab ID: 1202544-06

Collection Date: 02/15/12 02:10 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.061	mg/Kg-dry	50	02/22/12 09:19 PM
Bromomethane	ND		0.091	mg/Kg-dry	50	02/22/12 09:19 PM
Carbon disulfide	ND		0.091	mg/Kg-dry	50	02/22/12 09:19 PM
Carbon tetrachloride	ND		0.061	mg/Kg-dry	50	02/22/12 09:19 PM
Chlorobenzene	ND		0.091	mg/Kg-dry	50	02/22/12 09:19 PM
Chloroethane	ND		0.18	mg/Kg-dry	50	02/22/12 09:19 PM
Chloroform	ND		0.061	mg/Kg-dry	50	02/22/12 09:19 PM
Chloromethane	ND		0.18	mg/Kg-dry	50	02/22/12 09:19 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/22/12 09:19 PM
cis-1,3-Dichloropropene	ND		0.061	mg/Kg-dry	50	02/22/12 09:19 PM
Cyclohexane	ND		0.061	mg/Kg-dry	50	02/22/12 09:19 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/22/12 09:19 PM
Dichlorodifluoromethane	ND		0.061	mg/Kg-dry	50	02/22/12 09:19 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/22/12 09:19 PM
Isopropylbenzene	ND		0.061	mg/Kg-dry	50	02/22/12 09:19 PM
Methyl acetate	ND		0.49	mg/Kg-dry	50	02/22/12 09:19 PM
Methyl tert-butyl ether	ND		0.091	mg/Kg-dry	50	02/22/12 09:19 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/22/12 09:19 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/22/12 09:19 PM
Styrene	ND		0.091	mg/Kg-dry	50	02/22/12 09:19 PM
Tetrachloroethene	ND		0.061	mg/Kg-dry	50	02/22/12 09:19 PM
Toluene	ND		0.091	mg/Kg-dry	50	02/22/12 09:19 PM
trans-1,2-Dichloroethene	ND		0.061	mg/Kg-dry	50	02/22/12 09:19 PM
trans-1,3-Dichloropropene	ND		0.091	mg/Kg-dry	50	02/22/12 09:19 PM
Trichloroethene	ND		0.061	mg/Kg-dry	50	02/22/12 09:19 PM
Trichlorofluoromethane	ND		0.061	mg/Kg-dry	50	02/22/12 09:19 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/22/12 09:19 PM
Xylenes, Total	ND		0.18	mg/Kg-dry	50	02/22/12 09:19 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	108		70-120	%REC	50	02/22/12 09:19 PM
<i>Surr: 4-Bromofluorobenzene</i>	94.6		75-120	%REC	50	02/22/12 09:19 PM
<i>Surr: Dibromofluoromethane</i>	93.7		85-115	%REC	50	02/22/12 09:19 PM
<i>Surr: Toluene-d8</i>	94.6		85-115	%REC	50	02/22/12 09:19 PM

CHROMIUM, HEXAVALENT

Chromium, Hexavalent ND 0.59 mg/Kg-dry 1 Prep Date: 02/20/12 Analyst: MB 02/23/12 12:01 PM

MOISTURE

Moisture 18 0.050 % of sample 1 Analyst: CG 02/20/12 01:42 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
Sample ID: YD-B02-S01-021512
Collection Date: 02/15/12 03:05 PM

Work Order: 1202544
Lab ID: 1202544-07
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/23/12	Analyst: JD
2,4,5-T	ND		0.0057	mg/Kg-dry	1	02/24/12 07:17 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/24/12 07:17 PM
2,4-D	ND		0.0057	mg/Kg-dry	1	02/24/12 07:17 PM
Surr: DCAA	90.0		30-150	%REC	1	02/24/12 07:17 PM
PCBS			SW8082		Prep Date: 02/23/12	Analyst: JD
Aroclor 1016	ND		0.043	mg/Kg-dry	1	02/26/12 05:12 AM
Aroclor 1221	ND		0.043	mg/Kg-dry	1	02/26/12 05:12 AM
Aroclor 1232	ND		0.043	mg/Kg-dry	1	02/26/12 05:12 AM
Aroclor 1242	ND		0.043	mg/Kg-dry	1	02/26/12 05:12 AM
Aroclor 1248	ND		0.043	mg/Kg-dry	1	02/26/12 05:12 AM
Aroclor 1254	ND		0.043	mg/Kg-dry	1	02/26/12 05:12 AM
Aroclor 1260	ND		0.043	mg/Kg-dry	1	02/26/12 05:12 AM
Surr: Decachlorobiphenyl	87.1		40-140	%REC	1	02/26/12 05:12 AM
PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
4,4'-DDD	ND		0.22	mg/Kg-dry	20	02/26/12 10:21 AM
4,4'-DDE	ND		0.22	mg/Kg-dry	20	02/26/12 10:21 AM
4,4'-DDT	ND		0.22	mg/Kg-dry	20	02/26/12 10:21 AM
Aldrin	ND		0.22	mg/Kg-dry	20	02/26/12 10:21 AM
alpha-BHC	ND		0.22	mg/Kg-dry	20	02/26/12 10:21 AM
alpha-Chlordane	ND		0.22	mg/Kg-dry	20	02/26/12 10:21 AM
beta-BHC	ND		0.22	mg/Kg-dry	20	02/26/12 10:21 AM
Chlordane, Technical	ND		0.54	mg/Kg-dry	20	02/26/12 10:21 AM
delta-BHC	ND		0.22	mg/Kg-dry	20	02/26/12 10:21 AM
Dieldrin	ND		0.22	mg/Kg-dry	20	02/26/12 10:21 AM
Endosulfan I	ND		0.22	mg/Kg-dry	20	02/26/12 10:21 AM
Endosulfan II	ND		0.22	mg/Kg-dry	20	02/26/12 10:21 AM
Endosulfan sulfate	ND		0.22	mg/Kg-dry	20	02/26/12 10:21 AM
Endrin	ND		0.22	mg/Kg-dry	20	02/26/12 10:21 AM
Endrin aldehyde	ND		0.22	mg/Kg-dry	20	02/26/12 10:21 AM
Endrin ketone	ND		0.22	mg/Kg-dry	20	02/26/12 10:21 AM
gamma-BHC (Lindane)	ND		0.22	mg/Kg-dry	20	02/26/12 10:21 AM
gamma-Chlordane	ND		0.22	mg/Kg-dry	20	02/26/12 10:21 AM
Heptachlor	ND		0.22	mg/Kg-dry	20	02/26/12 10:21 AM
Heptachlor epoxide	ND		0.22	mg/Kg-dry	20	02/26/12 10:21 AM
Methoxychlor	ND		0.22	mg/Kg-dry	20	02/26/12 10:21 AM
Toxaphene	ND		1.3	mg/Kg-dry	20	02/26/12 10:21 AM
Surr: Decachlorobiphenyl	240	S	45-135	%REC	20	02/26/12 10:21 AM
Surr: Tetrachloro-m-xylene	80.1		45-124	%REC	20	02/26/12 10:21 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: 1202544

Sample ID: YD-B02-S01-021512

Lab ID: 1202544-07

Collection Date: 02/15/12 03:05 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVA						
Mercury	0.054		SW7471 0.016	mg/Kg-dry	1	Prep Date: 02/20/12 Analyst: LR 02/21/12 04:02 PM
METALS BY ICP-MS						
Aluminum	7,400		SW6020A 14	mg/Kg-dry	20	Prep Date: 02/22/12 Analyst: RH 02/23/12 03:38 PM
Antimony	1.2		0.71	mg/Kg-dry	2	02/22/12 11:24 PM
Arsenic	6.6		0.71	mg/Kg-dry	2	02/22/12 11:24 PM
Barium	150		0.71	mg/Kg-dry	2	02/22/12 11:24 PM
Beryllium	ND		0.28	mg/Kg-dry	2	02/22/12 11:24 PM
Boron	2.9		2.7	mg/Kg-dry	2	02/22/12 11:24 PM
Cadmium	6.2		0.28	mg/Kg-dry	2	02/22/12 11:24 PM
Calcium	69,000		710	mg/Kg-dry	20	02/23/12 03:38 PM
Chromium	14		0.71	mg/Kg-dry	2	02/22/12 11:24 PM
Cobalt	4.7		0.71	mg/Kg-dry	2	02/22/12 11:24 PM
Copper	48		0.71	mg/Kg-dry	2	02/22/12 11:24 PM
Iron	40,000		110	mg/Kg-dry	20	02/23/12 03:38 PM
Lead	860		7.1	mg/Kg-dry	20	02/23/12 03:38 PM
Magnesium	17,000		28	mg/Kg-dry	2	02/22/12 11:24 PM
Manganese	410		7.1	mg/Kg-dry	20	02/23/12 03:38 PM
Nickel	13		0.71	mg/Kg-dry	2	02/22/12 11:24 PM
Potassium	380		28	mg/Kg-dry	2	02/22/12 11:24 PM
Selenium	ND		0.71	mg/Kg-dry	2	02/22/12 11:24 PM
Silver	ND		0.71	mg/Kg-dry	2	02/22/12 11:24 PM
Sodium	58		28	mg/Kg-dry	2	02/22/12 11:24 PM
Thallium	ND		0.71	mg/Kg-dry	2	02/22/12 11:24 PM
Vanadium	9.2		0.71	mg/Kg-dry	2	02/22/12 11:24 PM
Zinc	200		1.4	mg/Kg-dry	2	02/22/12 11:24 PM
SEMI-VOLATILE ORGANIC COMPOUNDS						
1,1'-Biphenyl	ND		SW8270 18	mg/Kg-dry	50	Prep Date: 02/21/12 Analyst: HL 02/23/12 08:32 PM
2,4,5-Trichlorophenol	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
2,4,6-Trichlorophenol	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
2,4-Dichlorophenol	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
2,4-Dimethylphenol	ND		18	mg/Kg-dry	50	02/23/12 08:32 PM
2,4-Dinitrophenol	ND		37	mg/Kg-dry	50	02/23/12 08:32 PM
2,4-Dinitrotoluene	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
2,6-Dinitrotoluene	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
2-Chloronaphthalene	ND		4.5	mg/Kg-dry	50	02/23/12 08:32 PM
2-Chlorophenol	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
2-Methylnaphthalene	ND		4.5	mg/Kg-dry	50	02/23/12 08:32 PM
2-Methylphenol	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 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: 1202544

Sample ID: YD-B02-S01-021512

Lab ID: 1202544-07

Collection Date: 02/15/12 03:05 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		37	mg/Kg-dry	50	02/23/12 08:32 PM
2-Nitrophenol	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
3,3'-Dichlorobenzidine	ND		37	mg/Kg-dry	50	02/23/12 08:32 PM
3-Nitroaniline	ND		37	mg/Kg-dry	50	02/23/12 08:32 PM
4,6-Dinitro-2-methylphenol	ND		18	mg/Kg-dry	50	02/23/12 08:32 PM
4-Bromophenyl phenyl ether	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
4-Chloro-3-methylphenol	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
4-Chloroaniline	ND		37	mg/Kg-dry	50	02/23/12 08:32 PM
4-Chlorophenyl phenyl ether	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
4-Methylphenol	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
4-Nitroaniline	ND	WJ	37	mg/Kg-dry	50	02/23/12 08:32 PM
4-Nitrophenol	ND		37	mg/Kg-dry	50	02/23/12 08:32 PM
Acenaphthene	ND		1.7	mg/Kg-dry	50	02/23/12 08:32 PM
Acenaphthylene	1.7		1.7	mg/Kg-dry	50	02/23/12 08:32 PM
Acetophenone	ND		18	mg/Kg-dry	50	02/23/12 08:32 PM
Anthracene	1.9		1.7	mg/Kg-dry	50	02/23/12 08:32 PM
Atrazine	ND		18	mg/Kg-dry	50	02/23/12 08:32 PM
Benzaldehyde	ND		18	mg/Kg-dry	50	02/23/12 08:32 PM
Benzo(a)anthracene	7.5		1.7	mg/Kg-dry	50	02/23/12 08:32 PM
Benzo(a)pyrene	5.9		1.7	mg/Kg-dry	50	02/23/12 08:32 PM
Benzo(b)fluoranthene	12		1.7	mg/Kg-dry	50	02/23/12 08:32 PM
Benzo(g,h,i)perylene	ND		1.7	mg/Kg-dry	50	02/23/12 08:32 PM
Benzo(k)fluoranthene	4.0		1.7	mg/Kg-dry	50	02/23/12 08:32 PM
Bis(2-chloroethoxy)methane	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
Bis(2-chloroethyl)ether	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
Bis(2-chloroisopropyl)ether	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
Bis(2-ethylhexyl)phthalate	ND		18	mg/Kg-dry	50	02/23/12 08:32 PM
Butyl benzyl phthalate	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
Caprolactam	ND		18	mg/Kg-dry	50	02/23/12 08:32 PM
Carbazole	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
Chrysene	8.4		1.7	mg/Kg-dry	50	02/23/12 08:32 PM
Dibenzo(a,h)anthracene	ND		1.7	mg/Kg-dry	50	02/23/12 08:32 PM
Dibenzofuran	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
Diethyl phthalate	ND		18	mg/Kg-dry	50	02/23/12 08:32 PM
Dimethyl phthalate	ND		18	mg/Kg-dry	50	02/23/12 08:32 PM
Di-n-butyl phthalate	ND		18	mg/Kg-dry	50	02/23/12 08:32 PM
Di-n-octyl phthalate	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
Fluoranthene	17		1.7	mg/Kg-dry	50	02/23/12 08:32 PM
Fluorene	ND		1.7	mg/Kg-dry	50	02/23/12 08:32 PM
Hexachlorobenzene	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM

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

28
3/13/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202544

Sample ID: YD-B02-S01-021512

Lab ID: 1202544-07

Collection Date: 02/15/12 03:05 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
Hexachlorocyclopentadiene	ND		18	mg/Kg-dry	50	02/23/12 08:32 PM
Hexachloroethane	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
Indeno(1,2,3-cd)pyrene	2.2		1.7	mg/Kg-dry	50	02/23/12 08:32 PM
Isophorone	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
Naphthalene	ND		1.7	mg/Kg-dry	50	02/23/12 08:32 PM
Nitrobenzene	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
N-Nitrosodi-n-propylamine	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
N-Nitrosodiphenylamine	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
Pentachlorophenol	ND		18	mg/Kg-dry	50	02/23/12 08:32 PM
Phenanthrene	9.3		1.7	mg/Kg-dry	50	02/23/12 08:32 PM
Phenol	ND		8.9	mg/Kg-dry	50	02/23/12 08:32 PM
Pyrene	12		1.7	mg/Kg-dry	50	02/23/12 08:32 PM
Surr: 2,4,6-Tribromophenol	195	S	34-140	%REC	50	02/23/12 08:32 PM
Surr: 2-Fluorobiphenyl	88.0		12-100	%REC	50	02/23/12 08:32 PM
Surr: 2-Fluorophenol	72.0		33-117	%REC	50	02/23/12 08:32 PM
Surr: 4-Terphenyl-d14	109		25-137	%REC	50	02/23/12 08:32 PM
Surr: Nitrobenzene-d5	78.0		37-107	%REC	50	02/23/12 08:32 PM
Surr: Phenol-d6	68.0		40-106	%REC	50	02/23/12 08:32 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: **RS**

1,1,1-Trichloroethane	ND		0.057	mg/Kg-dry	50	02/22/12 09:44 PM
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg-dry	50	02/22/12 09:44 PM
1,1,2-Trichloroethane	ND		0.11	mg/Kg-dry	50	02/22/12 09:44 PM
1,1,2-Trichlorotrifluoroethane	ND		0.057	mg/Kg-dry	50	02/22/12 09:44 PM
1,1-Dichloroethane	ND		0.057	mg/Kg-dry	50	02/22/12 09:44 PM
1,1-Dichloroethene	ND		0.057	mg/Kg-dry	50	02/22/12 09:44 PM
1,2,4-Trichlorobenzene	ND		0.057	mg/Kg-dry	50	02/22/12 09:44 PM
1,2-Dibromo-3-chloropropane	ND		0.11	mg/Kg-dry	50	02/22/12 09:44 PM
1,2-Dibromoethane	ND		0.086	mg/Kg-dry	50	02/22/12 09:44 PM
1,2-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/22/12 09:44 PM
1,2-Dichloroethane	ND		0.057	mg/Kg-dry	50	02/22/12 09:44 PM
1,2-Dichloropropane	ND		0.20	mg/Kg-dry	50	02/22/12 09:44 PM
1,3-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/22/12 09:44 PM
1,4-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/22/12 09:44 PM
2-Butanone	ND		0.43	mg/Kg-dry	50	02/22/12 09:44 PM
2-Hexanone	ND		0.29	mg/Kg-dry	50	02/22/12 09:44 PM
4-Methyl-2-pentanone	ND		0.29	mg/Kg-dry	50	02/22/12 09:44 PM
Acetone	ND		0.26	mg/Kg-dry	50	02/22/12 09:44 PM
Benzene	ND		0.057	mg/Kg-dry	50	02/22/12 09:44 PM
Bromodichloromethane	ND		0.086	mg/Kg-dry	50	02/22/12 09:44 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: 1202544

Sample ID: YD-B02-S01-021512

Lab ID: 1202544-07

Collection Date: 02/15/12 03:05 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.057	mg/Kg-dry	50	02/22/12 09:44 PM
Bromomethane	ND		0.086	mg/Kg-dry	50	02/22/12 09:44 PM
Carbon disulfide	ND		0.086	mg/Kg-dry	50	02/22/12 09:44 PM
Carbon tetrachloride	ND		0.057	mg/Kg-dry	50	02/22/12 09:44 PM
Chlorobenzene	ND		0.086	mg/Kg-dry	50	02/22/12 09:44 PM
Chloroethane	ND		0.17	mg/Kg-dry	50	02/22/12 09:44 PM
Chloroform	ND		0.057	mg/Kg-dry	50	02/22/12 09:44 PM
Chloromethane	ND		0.17	mg/Kg-dry	50	02/22/12 09:44 PM
cis-1,2-Dichloroethene	ND		0.11	mg/Kg-dry	50	02/22/12 09:44 PM
cis-1,3-Dichloropropene	ND		0.057	mg/Kg-dry	50	02/22/12 09:44 PM
Cyclohexane	ND		0.057	mg/Kg-dry	50	02/22/12 09:44 PM
Dibromochloromethane	ND		0.11	mg/Kg-dry	50	02/22/12 09:44 PM
Dichlorodifluoromethane	ND		0.057	mg/Kg-dry	50	02/22/12 09:44 PM
Ethylbenzene	ND		0.11	mg/Kg-dry	50	02/22/12 09:44 PM
Isopropylbenzene	ND		0.057	mg/Kg-dry	50	02/22/12 09:44 PM
Methyl acetate	ND		0.29	mg/Kg-dry	50	02/22/12 09:44 PM
Methyl tert-butyl ether	ND		0.086	mg/Kg-dry	50	02/22/12 09:44 PM
Methylcyclohexane	ND		1.1	mg/Kg-dry	50	02/22/12 09:44 PM
Methylene chloride	ND		0.11	mg/Kg-dry	50	02/22/12 09:44 PM
Styrene	ND		0.086	mg/Kg-dry	50	02/22/12 09:44 PM
Tetrachloroethene	ND		0.057	mg/Kg-dry	50	02/22/12 09:44 PM
Toluene	ND		0.086	mg/Kg-dry	50	02/22/12 09:44 PM
trans-1,2-Dichloroethene	ND		0.057	mg/Kg-dry	50	02/22/12 09:44 PM
trans-1,3-Dichloropropene	ND		0.086	mg/Kg-dry	50	02/22/12 09:44 PM
Trichloroethene	ND		0.057	mg/Kg-dry	50	02/22/12 09:44 PM
Trichlorofluoromethane	ND		0.057	mg/Kg-dry	50	02/22/12 09:44 PM
Vinyl chloride	ND		0.11	mg/Kg-dry	50	02/22/12 09:44 PM
Xylenes, Total	ND		0.17	mg/Kg-dry	50	02/22/12 09:44 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	109		70-120	%REC	50	02/22/12 09:44 PM
<i>Surr: 4-Bromofluorobenzene</i>	96.4		75-120	%REC	50	02/22/12 09:44 PM
<i>Surr: Dibromofluoromethane</i>	94.2		85-115	%REC	50	02/22/12 09:44 PM
<i>Surr: Toluene-d8</i>	93.7		85-115	%REC	50	02/22/12 09:44 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/20/12	Analyst: MB
Chromium, Hexavalent	ND		0.57	mg/Kg-dry	1	02/23/12 12:01 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	13		0.050	% of sample	1	02/20/12 01:42 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
Sample ID: YD-B03-S01-021512
Collection Date: 02/15/12 03:45 PM

Work Order: 1202544
Lab ID: 1202544-08
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/23/12	Analyst: JD
2,4,5-T	ND		0.0060	mg/Kg-dry	1	02/24/12 07:17 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/24/12 07:17 PM
2,4-D	ND		0.0060	mg/Kg-dry	1	02/24/12 07:17 PM
Surr: DCAA	78.0		30-150	%REC	1	02/24/12 07:17 PM
PCBS			SW8082		Prep Date: 02/23/12	Analyst: JD
Aroclor 1016	ND		0.048	mg/Kg-dry	1	02/26/12 05:32 AM
Aroclor 1221	ND		0.048	mg/Kg-dry	1	02/26/12 05:32 AM
Aroclor 1232	ND		0.048	mg/Kg-dry	1	02/26/12 05:32 AM
Aroclor 1242	ND		0.048	mg/Kg-dry	1	02/26/12 05:32 AM
Aroclor 1248	ND		0.048	mg/Kg-dry	1	02/26/12 05:32 AM
Aroclor 1254	ND		0.048	mg/Kg-dry	1	02/26/12 05:32 AM
Aroclor 1260	ND		0.048	mg/Kg-dry	1	02/26/12 05:32 AM
Surr: Decachlorobiphenyl	87.1		40-140	%REC	1	02/26/12 05:32 AM
PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
4,4'-DDD	ND		0.24	mg/Kg-dry	20	02/26/12 10:36 AM
4,4'-DDE	ND		0.24	mg/Kg-dry	20	02/26/12 10:36 AM
4,4'-DDT	ND		0.24	mg/Kg-dry	20	02/26/12 10:36 AM
Aldrin	ND		0.24	mg/Kg-dry	20	02/26/12 10:36 AM
alpha-BHC	ND		0.24	mg/Kg-dry	20	02/26/12 10:36 AM
alpha-Chlordane	ND		0.24	mg/Kg-dry	20	02/26/12 10:36 AM
beta-BHC	ND		0.24	mg/Kg-dry	20	02/26/12 10:36 AM
Chlordane, Technical	ND		0.60	mg/Kg-dry	20	02/26/12 10:36 AM
delta-BHC	ND		0.24	mg/Kg-dry	20	02/26/12 10:36 AM
Dieldrin	ND		0.24	mg/Kg-dry	20	02/26/12 10:36 AM
Endosulfan I	ND		0.24	mg/Kg-dry	20	02/26/12 10:36 AM
Endosulfan II	ND		0.24	mg/Kg-dry	20	02/26/12 10:36 AM
Endosulfan sulfate	ND		0.24	mg/Kg-dry	20	02/26/12 10:36 AM
Endrin	ND		0.24	mg/Kg-dry	20	02/26/12 10:36 AM
Endrin aldehyde	ND		0.24	mg/Kg-dry	20	02/26/12 10:36 AM
Endrin ketone	ND		0.24	mg/Kg-dry	20	02/26/12 10:36 AM
gamma-BHC (Lindane)	ND		0.24	mg/Kg-dry	20	02/26/12 10:36 AM
gamma-Chlordane	ND		0.24	mg/Kg-dry	20	02/26/12 10:36 AM
Heptachlor	ND		0.24	mg/Kg-dry	20	02/26/12 10:36 AM
Heptachlor epoxide	ND		0.24	mg/Kg-dry	20	02/26/12 10:36 AM
Methoxychlor	ND		0.24	mg/Kg-dry	20	02/26/12 10:36 AM
Toxaphene	ND		1.4	mg/Kg-dry	20	02/26/12 10:36 AM
Surr: Decachlorobiphenyl	260	S	45-135	%REC	20	02/26/12 10:36 AM
Surr: Tetrachloro-m-xylene	80.1		45-124	%REC	20	02/26/12 10:36 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: 1202544

Sample ID: YD-B03-S01-021512

Lab ID: 1202544-08

Collection Date: 02/15/12 03:45 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVA						
Mercury	0.24		SW7471 0.020	mg/Kg-dry	1	Prep Date: 02/20/12 Analyst: LR 02/21/12 04:04 PM
METALS BY ICP-MS						
Aluminum	8,500		SW6020A 16	mg/Kg-dry	20	Prep Date: 02/22/12 Analyst: RH 02/23/12 03:44 PM
Antimony	ND		0.80	mg/Kg-dry	2	02/22/12 11:30 PM
Arsenic	5.3		0.80	mg/Kg-dry	2	02/22/12 11:30 PM
Barium	77		0.80	mg/Kg-dry	2	02/22/12 11:30 PM
Beryllium	0.33		0.32	mg/Kg-dry	2	02/22/12 11:30 PM
Boron	ND		3.2	mg/Kg-dry	2	02/22/12 11:30 PM
Cadmium	0.55		0.32	mg/Kg-dry	2	02/22/12 11:30 PM
Calcium	6,500		80	mg/Kg-dry	2	02/22/12 11:30 PM
Chromium	11		0.80	mg/Kg-dry	2	02/22/12 11:30 PM
Cobalt	7.0		0.80	mg/Kg-dry	2	02/22/12 11:30 PM
Copper	18		0.80	mg/Kg-dry	2	02/22/12 11:30 PM
Iron	13,000		13	mg/Kg-dry	2	02/22/12 11:30 PM
Lead	45		0.80	mg/Kg-dry	2	02/22/12 11:30 PM
Magnesium	3,700		32	mg/Kg-dry	2	02/22/12 11:30 PM
Manganese	710		8.0	mg/Kg-dry	20	02/23/12 03:44 PM
Nickel	11		0.80	mg/Kg-dry	2	02/22/12 11:30 PM
Potassium	900		32	mg/Kg-dry	2	02/22/12 11:30 PM
Selenium	0.94		0.80	mg/Kg-dry	2	02/22/12 11:30 PM
Silver	ND		0.80	mg/Kg-dry	2	02/22/12 11:30 PM
Sodium	ND		32	mg/Kg-dry	2	02/22/12 11:30 PM
Thallium	ND		0.80	mg/Kg-dry	2	02/22/12 11:30 PM
Vanadium	19		0.80	mg/Kg-dry	2	02/22/12 11:30 PM
Zinc	98		1.6	mg/Kg-dry	2	02/22/12 11:30 PM
SEMI-VOLATILE ORGANIC COMPOUNDS						
1,1'-Biphenyl	ND		SW8270 0.40	mg/Kg-dry	1	Prep Date: 02/21/12 Analyst: HL 02/27/12 01:05 PM
2,4,5-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM
2,4,6-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM
2,4-Dichlorophenol	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM
2,4-Dimethylphenol	ND		0.40	mg/Kg-dry	1	02/27/12 01:05 PM
2,4-Dinitrophenol	ND		0.80	mg/Kg-dry	1	02/27/12 01:05 PM
2,4-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM
2,6-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM
2-Chloronaphthalene	ND		0.097	mg/Kg-dry	1	02/27/12 01:05 PM
2-Chlorophenol	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM
2-Methylnaphthalene	ND		0.097	mg/Kg-dry	1	02/27/12 01:05 PM
2-Methylphenol	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 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
 Sample ID: YD-B03-S01-021512
 Collection Date: 02/15/12 03:45 PM

Work Order: 1202544
 Lab ID: 1202544-08
 Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.80	mg/Kg-dry	1	02/27/12 01:05 PM
2-Nitrophenol	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM
3,3'-Dichlorobenzidine	ND		0.80	mg/Kg-dry	1	02/27/12 01:05 PM
3-Nitroaniline	ND		0.80	mg/Kg-dry	1	02/27/12 01:05 PM
4,6-Dinitro-2-methylphenol	ND		0.40	mg/Kg-dry	1	02/27/12 01:05 PM
4-Bromophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM
4-Chloro-3-methylphenol	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM
4-Chloroaniline	ND		0.80	mg/Kg-dry	1	02/27/12 01:05 PM
4-Chlorophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM
4-Methylphenol	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM
4-Nitroaniline	ND	UJ	0.80	mg/Kg-dry	1	02/27/12 01:05 PM
4-Nitrophenol	ND		0.80	mg/Kg-dry	1	02/27/12 01:05 PM
Acenaphthene	ND		0.036	mg/Kg-dry	1	02/27/12 01:05 PM
Acenaphthylene	ND		0.036	mg/Kg-dry	1	02/27/12 01:05 PM
Acetophenone	ND		0.40	mg/Kg-dry	1	02/27/12 01:05 PM
Anthracene	ND		0.036	mg/Kg-dry	1	02/27/12 01:05 PM
Atrazine	ND		0.40	mg/Kg-dry	1	02/27/12 01:05 PM
Benzaldehyde	ND		0.40	mg/Kg-dry	1	02/27/12 01:05 PM
Benzo(a)anthracene	0.069		0.036	mg/Kg-dry	1	02/27/12 01:05 PM
Benzo(a)pyrene	ND		0.36	mg/Kg-dry	10	02/25/12 04:39 PM
Benzo(b)fluoranthene	ND		0.36	mg/Kg-dry	10	02/25/12 04:39 PM
Benzo(g,h,i)perylene	ND		0.36	mg/Kg-dry	10	02/25/12 04:39 PM
Benzo(k)fluoranthene	ND		0.36	mg/Kg-dry	10	02/25/12 04:39 PM
Bis(2-chloroethoxy)methane	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM
Bis(2-chloroethyl)ether	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM
Bis(2-chloroisopropyl)ether	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM
Bis(2-ethylhexyl)phthalate	ND		0.40	mg/Kg-dry	1	02/27/12 01:05 PM
Butyl benzyl phthalate	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM
Caprolactam	ND		0.40	mg/Kg-dry	1	02/27/12 01:05 PM
Carbazole	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM
Chrysene	0.086		0.036	mg/Kg-dry	1	02/27/12 01:05 PM
Dibenzo(a,h)anthracene	ND		0.36	mg/Kg-dry	10	02/25/12 04:39 PM
Dibenzofuran	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM
Diethyl phthalate	ND		0.40	mg/Kg-dry	1	02/27/12 01:05 PM
Dimethyl phthalate	ND		0.40	mg/Kg-dry	1	02/27/12 01:05 PM
Di-n-butyl phthalate	ND		0.40	mg/Kg-dry	1	02/27/12 01:05 PM
Di-n-octyl phthalate	ND		1.9	mg/Kg-dry	10	02/25/12 04:39 PM
Fluoranthene	0.11		0.036	mg/Kg-dry	1	02/27/12 01:05 PM
Fluorene	ND		0.036	mg/Kg-dry	1	02/27/12 01:05 PM
Hexachlorobenzene	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM

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

28
3/13/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202544

Sample ID: YD-B03-S01-021512

Lab ID: 1202544-08

Collection Date: 02/15/12 03:45 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM
Hexachlorocyclopentadiene	ND		0.40	mg/Kg-dry	1	02/27/12 01:05 PM
Hexachloroethane	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM
Indeno(1,2,3-cd)pyrene	ND		0.36	mg/Kg-dry	10	02/25/12 04:39 PM
Isophorone	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM
Naphthalene	ND		0.036	mg/Kg-dry	1	02/27/12 01:05 PM
Nitrobenzene	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM
N-Nitrosodi-n-propylamine	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM
N-Nitrosodiphenylamine	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM
Pentachlorophenol	ND		0.40	mg/Kg-dry	1	02/27/12 01:05 PM
Phenanthrene	0.051		0.036	mg/Kg-dry	1	02/27/12 01:05 PM
Phenol	ND		0.19	mg/Kg-dry	1	02/27/12 01:05 PM
Pyrene	0.12		0.036	mg/Kg-dry	1	02/27/12 01:05 PM
Surr: 2,4,6-Tribromophenol	87.6		34-140	%REC	1	02/27/12 01:05 PM
Surr: 2-Fluorobiphenyl	73.9		12-100	%REC	1	02/27/12 01:05 PM
Surr: 2-Fluorophenol	75.4		33-117	%REC	1	02/27/12 01:05 PM
Surr: 4-Terphenyl-d14	105		25-137	%REC	1	02/27/12 01:05 PM
Surr: Nitrobenzene-d5	82.0		37-107	%REC	1	02/27/12 01:05 PM
Surr: Phenol-d6	82.3		40-106	%REC	1	02/27/12 01:05 PM
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: RS
1,1,1-Trichloroethane	ND		0.062	mg/Kg-dry	50	02/22/12 10:09 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/22/12 10:09 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/22/12 10:09 PM
1,1,2-Trichlorotrifluoroethane	ND		0.062	mg/Kg-dry	50	02/22/12 10:09 PM
1,1-Dichloroethane	ND		0.062	mg/Kg-dry	50	02/22/12 10:09 PM
1,1-Dichloroethene	ND		0.062	mg/Kg-dry	50	02/22/12 10:09 PM
1,2,4-Trichlorobenzene	ND		0.062	mg/Kg-dry	50	02/22/12 10:09 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/22/12 10:09 PM
1,2-Dibromoethane	ND		0.093	mg/Kg-dry	50	02/22/12 10:09 PM
1,2-Dichlorobenzene	ND		0.062	mg/Kg-dry	50	02/22/12 10:09 PM
1,2-Dichloroethane	ND		0.062	mg/Kg-dry	50	02/22/12 10:09 PM
1,2-Dichloropropane	ND		0.22	mg/Kg-dry	50	02/22/12 10:09 PM
1,3-Dichlorobenzene	ND		0.062	mg/Kg-dry	50	02/22/12 10:09 PM
1,4-Dichlorobenzene	ND		0.062	mg/Kg-dry	50	02/22/12 10:09 PM
2-Butanone	ND		0.47	mg/Kg-dry	50	02/22/12 10:09 PM
2-Hexanone	ND		0.31	mg/Kg-dry	50	02/22/12 10:09 PM
4-Methyl-2-pentanone	ND		0.31	mg/Kg-dry	50	02/22/12 10:09 PM
Acetone	ND		0.28	mg/Kg-dry	50	02/22/12 10:09 PM
Benzene	ND		0.062	mg/Kg-dry	50	02/22/12 10:09 PM
Bromodichloromethane	ND		0.093	mg/Kg-dry	50	02/22/12 10:09 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: 1202544

Sample ID: YD-B03-S01-021512

Lab ID: 1202544-08

Collection Date: 02/15/12 03:45 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.062	mg/Kg-dry	50	02/22/12 10:09 PM
Bromomethane	ND		0.093	mg/Kg-dry	50	02/22/12 10:09 PM
Carbon disulfide	ND		0.093	mg/Kg-dry	50	02/22/12 10:09 PM
Carbon tetrachloride	ND		0.062	mg/Kg-dry	50	02/22/12 10:09 PM
Chlorobenzene	ND		0.093	mg/Kg-dry	50	02/22/12 10:09 PM
Chloroethane	ND		0.19	mg/Kg-dry	50	02/22/12 10:09 PM
Chloroform	ND		0.062	mg/Kg-dry	50	02/22/12 10:09 PM
Chloromethane	ND		0.19	mg/Kg-dry	50	02/22/12 10:09 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/22/12 10:09 PM
cis-1,3-Dichloropropene	ND		0.062	mg/Kg-dry	50	02/22/12 10:09 PM
Cyclohexane	ND		0.062	mg/Kg-dry	50	02/22/12 10:09 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/22/12 10:09 PM
Dichlorodifluoromethane	ND		0.062	mg/Kg-dry	50	02/22/12 10:09 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/22/12 10:09 PM
Isopropylbenzene	ND		0.062	mg/Kg-dry	50	02/22/12 10:09 PM
Methyl acetate	ND		0.19	mg/Kg-dry	50	02/22/12 10:09 PM
Methyl tert-butyl ether	ND		0.093	mg/Kg-dry	50	02/22/12 10:09 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/22/12 10:09 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/22/12 10:09 PM
Styrene	ND		0.093	mg/Kg-dry	50	02/22/12 10:09 PM
Tetrachloroethene	ND		0.062	mg/Kg-dry	50	02/22/12 10:09 PM
Toluene	ND		0.093	mg/Kg-dry	50	02/22/12 10:09 PM
trans-1,2-Dichloroethene	ND		0.062	mg/Kg-dry	50	02/22/12 10:09 PM
trans-1,3-Dichloropropene	ND		0.093	mg/Kg-dry	50	02/22/12 10:09 PM
Trichloroethene	ND		0.062	mg/Kg-dry	50	02/22/12 10:09 PM
Trichlorofluoromethane	ND		0.062	mg/Kg-dry	50	02/22/12 10:09 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/22/12 10:09 PM
Xylenes, Total	ND		0.19	mg/Kg-dry	50	02/22/12 10:09 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	111		70-120	%REC	50	02/22/12 10:09 PM
<i>Surr: 4-Bromofluorobenzene</i>	93.7		75-120	%REC	50	02/22/12 10:09 PM
<i>Surr: Dibromofluoromethane</i>	94.9		85-115	%REC	50	02/22/12 10:09 PM
<i>Surr: Toluene-d8</i>	94.2		85-115	%REC	50	02/22/12 10:09 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/20/12	Analyst: MB
Chromium, Hexavalent	ND		0.62	mg/Kg-dry	1	02/23/12 12:01 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	20		0.050	% of sample	1	02/20/12 01:42 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: 1202544

Sample ID: RD-B01-S01-021512

Lab ID: 1202544-09

Collection Date: 02/15/12 10:05 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 09:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 09:51 PM
Surr: DCAA	90.2		30-150	%REC	1	02/21/12 09:51 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 04:59 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 04:59 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 04:59 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 04:59 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 04:59 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 04:59 PM
Surr: Decachlorobiphenyl	53.0		30-135	%REC	1	02/25/12 04:59 PM
Surr: Tetrachloro-m-xylene	62.0		25-140	%REC	1	02/25/12 04:59 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/22/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/22/12 02:00 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/22/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/24/12 12:14 AM
Barium	1.4		0.050	mg/L	1	02/23/12 05:51 AM
Cadmium	0.011		0.0020	mg/L	1	02/23/12 05:51 AM
Chromium	ND		0.020	mg/L	1	02/24/12 12:14 AM
Lead	0.016		0.010	mg/L	1	02/24/12 12:14 AM
Selenium	ND		0.020	mg/L	1	02/23/12 05:51 AM
Silver	ND		0.0050	mg/L	1	02/24/12 12:14 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/22/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/24/12 01:59 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 01:59 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 01:59 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/24/12 01:59 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/24/12 01:59 AM
Hexachlorobenzene	ND		0.10	mg/L	1	02/24/12 01:59 AM
Hexachloroethane	ND		0.10	mg/L	1	02/24/12 01:59 AM
m-Cresol	ND		0.10	mg/L	1	02/24/12 01:59 AM
Nitrobenzene	ND		0.10	mg/L	1	02/24/12 01:59 AM
o-Cresol	ND		0.10	mg/L	1	02/24/12 01:59 AM
p-Cresol	ND		0.10	mg/L	1	02/24/12 01:59 AM
Pentachlorophenol	ND		0.40	mg/L	1	02/24/12 01:59 AM
Pyridine	ND		0.40	mg/L	1	02/24/12 01:59 AM
Surr: 2,4,6-Tribromophenol	86.9		21-125	%REC	1	02/24/12 01:59 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: 1202544

Sample ID: RD-B01-S01-021512

Lab ID: 1202544-09

Collection Date: 02/15/12 10:05 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	75.0		39-94	%REC	1	02/24/12 01:59 AM
Surr: 2-Fluorophenol	52.7		10-75	%REC	1	02/24/12 01:59 AM
Surr: 4-Terphenyl-d14	78.1		26-119	%REC	1	02/24/12 01:59 AM
Surr: Nitrobenzene-d5	72.6		41-104	%REC	1	02/24/12 01:59 AM
Surr: Phenol-d6	33.4		11-50	%REC	1	02/24/12 01:59 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/19/12	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	02/21/12 07:53 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/21/12 07:53 AM
2-Butanone	ND		0.20	mg/L	20	02/21/12 07:53 AM
Benzene	ND		0.020	mg/L	20	02/21/12 07:53 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/21/12 07:53 AM
Chlorobenzene	ND		0.020	mg/L	20	02/21/12 07:53 AM
Chloroform	ND		0.020	mg/L	20	02/21/12 07:53 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/21/12 07:53 AM
Trichloroethene	ND		0.020	mg/L	20	02/21/12 07:53 AM
Vinyl chloride	ND		0.020	mg/L	20	02/21/12 07:53 AM
Surr: 1,2-Dichloroethane-d4	106		70-130	%REC	20	02/21/12 07:53 AM
Surr: 4-Bromofluorobenzene	92.3		70-130	%REC	20	02/21/12 07:53 AM
Surr: Dibromofluoromethane	99.9		70-130	%REC	20	02/21/12 07:53 AM
Surr: Toluene-d8	103		70-130	%REC	20	02/21/12 07:53 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: 1202544

Sample ID: RD-B01-S02-021512

Lab ID: 1202544-10

Collection Date: 02/15/12 10:10 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 09:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 09:51 PM
Surr: DCAA	70.6		30-150	%REC	1	02/21/12 09:51 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 05:14 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 05:14 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 05:14 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 05:14 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 05:14 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 05:14 PM
Surr: Decachlorobiphenyl	63.0		30-135	%REC	1	02/25/12 05:14 PM
Surr: Tetrachloro-m-xylene	63.0		25-140	%REC	1	02/25/12 05:14 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/22/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/22/12 02:02 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/22/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/24/12 12:19 AM
Barium	0.88		0.050	mg/L	1	02/23/12 05:56 AM
Cadmium	0.0075		0.0020	mg/L	1	02/23/12 05:56 AM
Chromium	ND		0.020	mg/L	1	02/24/12 12:19 AM
Lead	ND		0.010	mg/L	1	02/24/12 12:19 AM
Selenium	ND		0.020	mg/L	1	02/23/12 05:56 AM
Silver	ND		0.0050	mg/L	1	02/24/12 12:19 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/22/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/24/12 02:26 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 02:26 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 02:26 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/24/12 02:26 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/24/12 02:26 AM
Hexachlorobenzene	ND		0.10	mg/L	1	02/24/12 02:26 AM
Hexachloroethane	ND		0.10	mg/L	1	02/24/12 02:26 AM
m-Cresol	ND		0.10	mg/L	1	02/24/12 02:26 AM
Nitrobenzene	ND		0.10	mg/L	1	02/24/12 02:26 AM
o-Cresol	ND		0.10	mg/L	1	02/24/12 02:26 AM
p-Cresol	ND		0.10	mg/L	1	02/24/12 02:26 AM
Pentachlorophenol	ND		0.40	mg/L	1	02/24/12 02:26 AM
Pyridine	ND		0.40	mg/L	1	02/24/12 02:26 AM
Surr: 2,4,6-Tribromophenol	83.3		21-125	%REC	1	02/24/12 02:26 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: 1202544

Sample ID: RD-B01-S02-021512

Lab ID: 1202544-10

Collection Date: 02/15/12 10:10 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	69.3		39-94	%REC	1	02/24/12 02:26 AM
<i>Surr: 2-Fluorophenol</i>	46.3		10-75	%REC	1	02/24/12 02:26 AM
<i>Surr: 4-Terphenyl-d14</i>	67.7		26-119	%REC	1	02/24/12 02:26 AM
<i>Surr: Nitrobenzene-d5</i>	68.6		41-104	%REC	1	02/24/12 02:26 AM
<i>Surr: Phenol-d6</i>	28.9		11-50	%REC	1	02/24/12 02:26 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/19/12	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	02/21/12 08:17 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/21/12 08:17 AM
2-Butanone	ND		0.20	mg/L	20	02/21/12 08:17 AM
Benzene	ND		0.020	mg/L	20	02/21/12 08:17 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/21/12 08:17 AM
Chlorobenzene	ND		0.020	mg/L	20	02/21/12 08:17 AM
Chloroform	ND		0.020	mg/L	20	02/21/12 08:17 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/21/12 08:17 AM
Trichloroethene	ND		0.020	mg/L	20	02/21/12 08:17 AM
Vinyl chloride	ND		0.020	mg/L	20	02/21/12 08:17 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	106		70-130	%REC	20	02/21/12 08:17 AM
<i>Surr: 4-Bromofluorobenzene</i>	91.4		70-130	%REC	20	02/21/12 08:17 AM
<i>Surr: Dibromofluoromethane</i>	98.7		70-130	%REC	20	02/21/12 08:17 AM
<i>Surr: Toluene-d8</i>	102		70-130	%REC	20	02/21/12 08:17 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: 1202544

Sample ID: RD-B02-S01-021512

Lab ID: 1202544-11

Collection Date: 02/15/12 10:30 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 09:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 09:51 PM
Surr: DCAA	79.4		30-150	%REC	1	02/21/12 09:51 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 05:29 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 05:29 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 05:29 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 05:29 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 05:29 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 05:29 PM
Surr: Decachlorobiphenyl	60.0		30-135	%REC	1	02/25/12 05:29 PM
Surr: Tetrachloro-m-xylene	70.0		25-140	%REC	1	02/25/12 05:29 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/22/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/22/12 02:05 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/22/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/23/12 07:34 AM
Barium	1.4		0.050	mg/L	1	02/23/12 07:34 AM
Cadmium	0.020		0.0020	mg/L	1	02/23/12 07:34 AM
Chromium	ND		0.020	mg/L	1	02/23/12 07:34 AM
Lead	0.18		0.010	mg/L	1	02/23/12 07:34 AM
Selenium	ND		0.020	mg/L	1	02/23/12 07:34 AM
Silver	ND		0.0050	mg/L	1	02/23/12 07:34 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/22/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/24/12 02:52 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 02:52 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 02:52 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/24/12 02:52 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/24/12 02:52 AM
Hexachlorobenzene	ND		0.10	mg/L	1	02/24/12 02:52 AM
Hexachloroethane	ND		0.10	mg/L	1	02/24/12 02:52 AM
m-Cresol	ND		0.10	mg/L	1	02/24/12 02:52 AM
Nitrobenzene	ND		0.10	mg/L	1	02/24/12 02:52 AM
o-Cresol	ND		0.10	mg/L	1	02/24/12 02:52 AM
p-Cresol	ND		0.10	mg/L	1	02/24/12 02:52 AM
Pentachlorophenol	ND		0.40	mg/L	1	02/24/12 02:52 AM
Pyridine	ND		0.40	mg/L	1	02/24/12 02:52 AM
Surr: 2,4,6-Tribromophenol	84.2		21-125	%REC	1	02/24/12 02:52 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: 1202544

Sample ID: RD-B02-S01-021512

Lab ID: 1202544-11

Collection Date: 02/15/12 10:30 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	66.8		39-94	%REC	1	02/24/12 02:52 AM
<i>Surr: 2-Fluorophenol</i>	45.7		10-75	%REC	1	02/24/12 02:52 AM
<i>Surr: 4-Terphenyl-d14</i>	73.7		26-119	%REC	1	02/24/12 02:52 AM
<i>Surr: Nitrobenzene-d5</i>	66.0		41-104	%REC	1	02/24/12 02:52 AM
<i>Surr: Phenol-d6</i>	28.8		11-50	%REC	1	02/24/12 02:52 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/19/12	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	02/21/12 08:42 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/21/12 08:42 AM
2-Butanone	ND		0.20	mg/L	20	02/21/12 08:42 AM
Benzene	ND		0.020	mg/L	20	02/21/12 08:42 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/21/12 08:42 AM
Chlorobenzene	ND		0.020	mg/L	20	02/21/12 08:42 AM
Chloroform	ND		0.020	mg/L	20	02/21/12 08:42 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/21/12 08:42 AM
Trichloroethene	ND		0.020	mg/L	20	02/21/12 08:42 AM
Vinyl chloride	ND		0.020	mg/L	20	02/21/12 08:42 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	106		70-130	%REC	20	02/21/12 08:42 AM
<i>Surr: 4-Bromofluorobenzene</i>	90.0		70-130	%REC	20	02/21/12 08:42 AM
<i>Surr: Dibromofluoromethane</i>	98.3		70-130	%REC	20	02/21/12 08:42 AM
<i>Surr: Toluene-d8</i>	102		70-130	%REC	20	02/21/12 08:42 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: 1202544

Sample ID: RD-B02-S02-021512

Lab ID: 1202544-12

Collection Date: 02/15/12 10:40 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 09:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 09:51 PM
Surr: DCAA	75.6		30-150	%REC	1	02/21/12 09:51 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 05:43 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 05:43 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 05:43 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 05:43 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 05:43 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 05:43 PM
Surr: Decachlorobiphenyl	61.0		30-135	%REC	1	02/25/12 05:43 PM
Surr: Tetrachloro-m-xylene	60.0		25-140	%REC	1	02/25/12 05:43 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/22/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/22/12 02:07 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/22/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/23/12 07:39 AM
Barium	0.94		0.050	mg/L	1	02/23/12 07:39 AM
Cadmium	0.011		0.0020	mg/L	1	02/23/12 07:39 AM
Chromium	ND		0.020	mg/L	1	02/23/12 07:39 AM
Lead	ND		0.010	mg/L	1	02/23/12 07:39 AM
Selenium	ND		0.020	mg/L	1	02/23/12 07:39 AM
Silver	ND		0.0050	mg/L	1	02/23/12 07:39 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/22/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/24/12 03:19 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 03:19 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 03:19 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/24/12 03:19 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/24/12 03:19 AM
Hexachlorobenzene	ND		0.10	mg/L	1	02/24/12 03:19 AM
Hexachloroethane	ND		0.10	mg/L	1	02/24/12 03:19 AM
m-Cresol	ND		0.10	mg/L	1	02/24/12 03:19 AM
Nitrobenzene	ND		0.10	mg/L	1	02/24/12 03:19 AM
o-Cresol	ND		0.10	mg/L	1	02/24/12 03:19 AM
p-Cresol	ND		0.10	mg/L	1	02/24/12 03:19 AM
Pentachlorophenol	ND		0.40	mg/L	1	02/24/12 03:19 AM
Pyridine	ND		0.40	mg/L	1	02/24/12 03:19 AM
Surr: 2,4,6-Tribromophenol	85.9		21-125	%REC	1	02/24/12 03:19 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: 1202544

Sample ID: RD-B02-S02-021512

Lab ID: 1202544-12

Collection Date: 02/15/12 10:40 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	72.8		39-94	%REC	1	02/24/12 03:19 AM
Surr: 2-Fluorophenol	50.2		10-75	%REC	1	02/24/12 03:19 AM
Surr: 4-Terphenyl-d14	72.4		26-119	%REC	1	02/24/12 03:19 AM
Surr: Nitrobenzene-d5	71.5		41-104	%REC	1	02/24/12 03:19 AM
Surr: Phenol-d6	31.7		11-50	%REC	1	02/24/12 03:19 AM

TCLP VOLATILE ORGANICS

SW8260

Prep Date: 02/19/12

Analyst: RS

1,1-Dichloroethene	ND		0.020	mg/L	20	02/21/12 09:06 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/21/12 09:06 AM
2-Butanone	ND		0.20	mg/L	20	02/21/12 09:06 AM
Benzene	ND		0.020	mg/L	20	02/21/12 09:06 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/21/12 09:06 AM
Chlorobenzene	ND		0.020	mg/L	20	02/21/12 09:06 AM
Chloroform	ND		0.020	mg/L	20	02/21/12 09:06 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/21/12 09:06 AM
Trichloroethene	ND		0.020	mg/L	20	02/21/12 09:06 AM
Vinyl chloride	ND		0.020	mg/L	20	02/21/12 09:06 AM
Surr: 1,2-Dichloroethane-d4	107		70-130	%REC	20	02/21/12 09:06 AM
Surr: 4-Bromofluorobenzene	90.4		70-130	%REC	20	02/21/12 09:06 AM
Surr: Dibromofluoromethane	99.9		70-130	%REC	20	02/21/12 09:06 AM
Surr: Toluene-d8	101		70-130	%REC	20	02/21/12 09:06 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: 1202544

Sample ID: YD-B01-S01-021512

Lab ID: 1202544-13

Collection Date: 02/15/12 02:10 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 09:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 09:51 PM
Surr: DCAA	66.4		30-150	%REC	1	02/21/12 09:51 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 05:58 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 05:58 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 05:58 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 05:58 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 05:58 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 05:58 PM
Surr: Decachlorobiphenyl	61.0		30-135	%REC	1	02/25/12 05:58 PM
Surr: Tetrachloro-m-xylene	64.0		25-140	%REC	1	02/25/12 05:58 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/22/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/22/12 02:09 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/22/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/23/12 07:44 AM
Barium	2.4		0.050	mg/L	1	02/23/12 07:44 AM
Cadmium	0.084		0.0020	mg/L	1	02/23/12 07:44 AM
Chromium	ND		0.020	mg/L	1	02/23/12 07:44 AM
Lead	0.49		0.010	mg/L	1	02/23/12 07:44 AM
Selenium	ND		0.020	mg/L	1	02/23/12 07:44 AM
Silver	ND		0.0050	mg/L	1	02/23/12 07:44 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/22/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/24/12 03:46 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 03:46 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 03:46 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/24/12 03:46 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/24/12 03:46 AM
Hexachlorobenzene	ND		0.10	mg/L	1	02/24/12 03:46 AM
Hexachloroethane	ND		0.10	mg/L	1	02/24/12 03:46 AM
m-Cresol	ND		0.10	mg/L	1	02/24/12 03:46 AM
Nitrobenzene	ND		0.10	mg/L	1	02/24/12 03:46 AM
o-Cresol	ND		0.10	mg/L	1	02/24/12 03:46 AM
p-Cresol	ND		0.10	mg/L	1	02/24/12 03:46 AM
Pentachlorophenol	ND		0.40	mg/L	1	02/24/12 03:46 AM
Pyridine	ND		0.40	mg/L	1	02/24/12 03:46 AM
Surr: 2,4,6-Tribromophenol	79.5		21-125	%REC	1	02/24/12 03:46 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: 1202544

Sample ID: YD-B01-S01-021512

Lab ID: 1202544-13

Collection Date: 02/15/12 02:10 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	68.7		39-94	%REC	1	02/24/12 03:46 AM
Surr: 2-Fluorophenol	49.7		10-75	%REC	1	02/24/12 03:46 AM
Surr: 4-Terphenyl-d14	77.1		26-119	%REC	1	02/24/12 03:46 AM
Surr: Nitrobenzene-d5	68.1		41-104	%REC	1	02/24/12 03:46 AM
Surr: Phenol-d6	30.4		11-50	%REC	1	02/24/12 03:46 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/19/12	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	02/21/12 09:31 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/21/12 09:31 AM
2-Butanone	ND		0.20	mg/L	20	02/21/12 09:31 AM
Benzene	ND		0.020	mg/L	20	02/21/12 09:31 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/21/12 09:31 AM
Chlorobenzene	ND		0.020	mg/L	20	02/21/12 09:31 AM
Chloroform	ND		0.020	mg/L	20	02/21/12 09:31 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/21/12 09:31 AM
Trichloroethene	ND		0.020	mg/L	20	02/21/12 09:31 AM
Vinyl chloride	ND		0.020	mg/L	20	02/21/12 09:31 AM
Surr: 1,2-Dichloroethane-d4	107		70-130	%REC	20	02/21/12 09:31 AM
Surr: 4-Bromofluorobenzene	90.1		70-130	%REC	20	02/21/12 09:31 AM
Surr: Dibromofluoromethane	98.9		70-130	%REC	20	02/21/12 09:31 AM
Surr: Toluene-d8	102		70-130	%REC	20	02/21/12 09:31 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: 1202544

Sample ID: YD-B01-S01-021512-DP

Lab ID: 1202544-14

Collection Date: 02/15/12 02:10 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 09:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 09:51 PM
Surr: DCAA	84.6		30-150	%REC	1	02/21/12 09:51 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 06:13 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 06:13 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 06:13 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 06:13 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 06:13 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 06:13 PM
Surr: Decachlorobiphenyl	70.0		30-135	%REC	1	02/25/12 06:13 PM
Surr: Tetrachloro-m-xylene	70.0		25-140	%REC	1	02/25/12 06:13 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/22/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/22/12 02:12 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/22/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/23/12 07:49 AM
Barium	2.3		0.050	mg/L	1	02/23/12 07:49 AM
Cadmium	0.091		0.0020	mg/L	1	02/23/12 07:49 AM
Chromium	ND		0.020	mg/L	1	02/23/12 07:49 AM
Lead	0.76		0.010	mg/L	1	02/23/12 07:49 AM
Selenium	ND		0.020	mg/L	1	02/23/12 07:49 AM
Silver	ND		0.0050	mg/L	1	02/23/12 07:49 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/22/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/24/12 04:12 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 04:12 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 04:12 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/24/12 04:12 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/24/12 04:12 AM
Hexachlorobenzene	ND		0.10	mg/L	1	02/24/12 04:12 AM
Hexachloroethane	ND		0.10	mg/L	1	02/24/12 04:12 AM
m-Cresol	ND		0.10	mg/L	1	02/24/12 04:12 AM
Nitrobenzene	ND		0.10	mg/L	1	02/24/12 04:12 AM
o-Cresol	ND		0.10	mg/L	1	02/24/12 04:12 AM
p-Cresol	ND		0.10	mg/L	1	02/24/12 04:12 AM
Pentachlorophenol	ND		0.40	mg/L	1	02/24/12 04:12 AM
Pyridine	ND		0.40	mg/L	1	02/24/12 04:12 AM
Surr: 2,4,6-Tribromophenol	80.7		21-125	%REC	1	02/24/12 04:12 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
Sample ID: YD-B01-S01-021512-DP
Collection Date: 02/15/12 02:10 PM

Work Order: 1202544
Lab ID: 1202544-14
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	68.5		39-94	%REC	1	02/24/12 04:12 AM
Surr: 2-Fluorophenol	50.1		10-75	%REC	1	02/24/12 04:12 AM
Surr: 4-Terphenyl-d14	78.3		26-119	%REC	1	02/24/12 04:12 AM
Surr: Nitrobenzene-d5	68.0		41-104	%REC	1	02/24/12 04:12 AM
Surr: Phenol-d6	31.1		11-50	%REC	1	02/24/12 04:12 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/19/12	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	02/21/12 09:56 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/21/12 09:56 AM
2-Butanone	ND		0.20	mg/L	20	02/21/12 09:56 AM
Benzene	ND		0.020	mg/L	20	02/21/12 09:56 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/21/12 09:56 AM
Chlorobenzene	ND		0.020	mg/L	20	02/21/12 09:56 AM
Chloroform	ND		0.020	mg/L	20	02/21/12 09:56 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/21/12 09:56 AM
Trichloroethene	ND		0.020	mg/L	20	02/21/12 09:56 AM
Vinyl chloride	ND		0.020	mg/L	20	02/21/12 09:56 AM
Surr: 1,2-Dichloroethane-d4	106		70-130	%REC	20	02/21/12 09:56 AM
Surr: 4-Bromofluorobenzene	90.6		70-130	%REC	20	02/21/12 09:56 AM
Surr: Dibromofluoromethane	98.9		70-130	%REC	20	02/21/12 09:56 AM
Surr: Toluene-d8	102		70-130	%REC	20	02/21/12 09:56 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: 1202544

Sample ID: YD-B02-S01-021512

Lab ID: 1202544-15

Collection Date: 02/15/12 03:05 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	82.4		30-150	%REC	1	02/21/12 09:51 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 06:28 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 06:28 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 06:28 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 06:28 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 06:28 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 06:28 PM
Surr: Decachlorobiphenyl	72.0		30-135	%REC	1	02/25/12 06:28 PM
Surr: Tetrachloro-m-xylene	71.0		25-140	%REC	1	02/25/12 06:28 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/22/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/22/12 02:14 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/22/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/23/12 07:55 AM
Barium	1.4		0.050	mg/L	1	02/23/12 07:55 AM
Cadmium	0.012		0.0020	mg/L	1	02/23/12 07:55 AM
Chromium	ND		0.020	mg/L	1	02/23/12 07:55 AM
Lead	1.2		0.010	mg/L	1	02/23/12 07:55 AM
Selenium	ND		0.020	mg/L	1	02/23/12 07:55 AM
Silver	ND		0.0050	mg/L	1	02/23/12 07:55 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/22/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/24/12 04:39 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 04:39 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 04:39 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/24/12 04:39 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/24/12 04:39 AM
Hexachlorobenzene	ND		0.10	mg/L	1	02/24/12 04:39 AM
Hexachloroethane	ND		0.10	mg/L	1	02/24/12 04:39 AM
m-Cresol	ND		0.10	mg/L	1	02/24/12 04:39 AM
Nitrobenzene	ND		0.10	mg/L	1	02/24/12 04:39 AM
o-Cresol	ND		0.10	mg/L	1	02/24/12 04:39 AM
p-Cresol	ND		0.10	mg/L	1	02/24/12 04:39 AM
Pentachlorophenol	ND		0.40	mg/L	1	02/24/12 04:39 AM
Pyridine	ND		0.40	mg/L	1	02/24/12 04:39 AM
Surr: 2,4,6-Tribromophenol	83.8		21-125	%REC	1	02/24/12 04:39 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: 1202544

Sample ID: YD-B02-S01-021512

Lab ID: 1202544-15

Collection Date: 02/15/12 03:05 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	73.0		39-94	%REC	1	02/24/12 04:39 AM
<i>Surr: 2-Fluorophenol</i>	52.9		10-75	%REC	1	02/24/12 04:39 AM
<i>Surr: 4-Terphenyl-d14</i>	77.9		26-119	%REC	1	02/24/12 04:39 AM
<i>Surr: Nitrobenzene-d5</i>	71.8		41-104	%REC	1	02/24/12 04:39 AM
<i>Surr: Phenol-d6</i>	33.1		11-50	%REC	1	02/24/12 04:39 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/19/12	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	02/21/12 10:21 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/21/12 10:21 AM
2-Butanone	ND		0.20	mg/L	20	02/21/12 10:21 AM
Benzene	ND		0.020	mg/L	20	02/21/12 10:21 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/21/12 10:21 AM
Chlorobenzene	ND		0.020	mg/L	20	02/21/12 10:21 AM
Chloroform	ND		0.020	mg/L	20	02/21/12 10:21 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/21/12 10:21 AM
Trichloroethene	ND		0.020	mg/L	20	02/21/12 10:21 AM
Vinyl chloride	ND		0.020	mg/L	20	02/21/12 10:21 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	106		70-130	%REC	20	02/21/12 10:21 AM
<i>Surr: 4-Bromofluorobenzene</i>	91.2		70-130	%REC	20	02/21/12 10:21 AM
<i>Surr: Dibromofluoromethane</i>	99.9		70-130	%REC	20	02/21/12 10:21 AM
<i>Surr: Toluene-d8</i>	103		70-130	%REC	20	02/21/12 10:21 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: 1202544

Sample ID: YD-B03-S01-021512

Lab ID: 1202544-16

Collection Date: 02/15/12 03:45 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	80.2		30-150	%REC	1	02/21/12 09:51 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 06:43 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 06:43 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 06:43 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 06:43 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 06:43 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 06:43 PM
Surr: Decachlorobiphenyl	69.0		30-135	%REC	1	02/25/12 06:43 PM
Surr: Tetrachloro-m-xylene	76.0		25-140	%REC	1	02/25/12 06:43 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/22/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/22/12 02:17 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/22/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/23/12 08:00 AM
Barium	0.93		0.050	mg/L	1	02/23/12 08:00 AM
Cadmium	0.0032		0.0020	mg/L	1	02/23/12 08:00 AM
Chromium	ND		0.020	mg/L	1	02/23/12 08:00 AM
Lead	ND		0.010	mg/L	1	02/23/12 08:00 AM
Selenium	ND		0.020	mg/L	1	02/23/12 08:00 AM
Silver	ND		0.0050	mg/L	1	02/23/12 08:00 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/23/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/24/12 08:52 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 08:52 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 08:52 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/24/12 08:52 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/24/12 08:52 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/24/12 08:52 PM
Hexachloroethane	ND		0.10	mg/L	1	02/24/12 08:52 PM
m-Cresol	ND		0.10	mg/L	1	02/24/12 08:52 PM
Nitrobenzene	ND		0.10	mg/L	1	02/24/12 08:52 PM
o-Cresol	ND		0.10	mg/L	1	02/24/12 08:52 PM
p-Cresol	ND		0.10	mg/L	1	02/24/12 08:52 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/24/12 08:52 PM
Pyridine	ND		0.40	mg/L	1	02/24/12 08:52 PM
Surr: 2,4,6-Tribromophenol	73.9		21-125	%REC	1	02/24/12 08:52 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: 1202544

Sample ID: YD-B03-S01-021512

Lab ID: 1202544-16

Collection Date: 02/15/12 03:45 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	68.5		39-94	%REC	1	02/24/12 08:52 PM
Surr: 2-Fluorophenol	41.6		10-75	%REC	1	02/24/12 08:52 PM
Surr: 4-Terphenyl-d14	57.5		26-119	%REC	1	02/24/12 08:52 PM
Surr: Nitrobenzene-d5	73.4		41-104	%REC	1	02/24/12 08:52 PM
Surr: Phenol-d6	27.4		11-50	%REC	1	02/24/12 08:52 PM

TCLP VOLATILE ORGANICS

SW8260

Prep Date: 02/19/12

Analyst: RS

1,1-Dichloroethene	ND		0.020	mg/L	20	02/23/12 09:43 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/23/12 09:43 PM
2-Butanone	ND		0.20	mg/L	20	02/23/12 09:43 PM
Benzene	ND		0.020	mg/L	20	02/23/12 09:43 PM
Carbon tetrachloride	ND		0.020	mg/L	20	02/23/12 09:43 PM
Chlorobenzene	ND		0.020	mg/L	20	02/23/12 09:43 PM
Chloroform	ND		0.020	mg/L	20	02/23/12 09:43 PM
Tetrachloroethene	ND		0.020	mg/L	20	02/23/12 09:43 PM
Trichloroethene	ND		0.020	mg/L	20	02/23/12 09:43 PM
Vinyl chloride	ND		0.020	mg/L	20	02/23/12 09:43 PM
Surr: 1,2-Dichloroethane-d4	103		70-130	%REC	20	02/23/12 09:43 PM
Surr: 4-Bromofluorobenzene	100		70-130	%REC	20	02/23/12 09:43 PM
Surr: Dibromofluoromethane	102		70-130	%REC	20	02/23/12 09:43 PM
Surr: Toluene-d8	98.6		70-130	%REC	20	02/23/12 09:43 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: 1202544

Sample ID: WM-B01-S01-021612

Lab ID: 1202544-17

Collection Date: 02/16/12 12:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/23/12	Analyst: JD
2,4,5-T	ND		0.0055	mg/Kg-dry	1	02/24/12 07:17 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/24/12 07:17 PM
2,4-D	ND		0.0055	mg/Kg-dry	1	02/24/12 07:17 PM
Surr: DCAA	91.6		30-150	%REC	1	02/24/12 07:17 PM
PCBS			SW8082		Prep Date: 02/23/12	Analyst: JD
Aroclor 1016	ND		0.043	mg/Kg-dry	1	02/26/12 05:51 AM
Aroclor 1221	ND		0.043	mg/Kg-dry	1	02/26/12 05:51 AM
Aroclor 1232	ND		0.043	mg/Kg-dry	1	02/26/12 05:51 AM
Aroclor 1242	ND		0.043	mg/Kg-dry	1	02/26/12 05:51 AM
Aroclor 1248	ND		0.043	mg/Kg-dry	1	02/26/12 05:51 AM
Aroclor 1254	ND		0.043	mg/Kg-dry	1	02/26/12 05:51 AM
Aroclor 1260	ND		0.043	mg/Kg-dry	1	02/26/12 05:51 AM
Surr: Decachlorobiphenyl	80.1		40-140	%REC	1	02/26/12 05:51 AM
PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
4,4'-DDD	ND		0.011	mg/Kg-dry	1	02/26/12 10:51 AM
4,4'-DDE	ND		0.011	mg/Kg-dry	1	02/26/12 10:51 AM
4,4'-DDT	ND		0.011	mg/Kg-dry	1	02/26/12 10:51 AM
Aldrin	ND		0.011	mg/Kg-dry	1	02/26/12 10:51 AM
alpha-BHC	ND		0.011	mg/Kg-dry	1	02/26/12 10:51 AM
alpha-Chlordane	ND		0.011	mg/Kg-dry	1	02/26/12 10:51 AM
beta-BHC	ND		0.011	mg/Kg-dry	1	02/26/12 10:51 AM
Chlordane, Technical	ND		0.027	mg/Kg-dry	1	02/26/12 10:51 AM
delta-BHC	ND		0.011	mg/Kg-dry	1	02/26/12 10:51 AM
Dieldrin	ND		0.011	mg/Kg-dry	1	02/26/12 10:51 AM
Endosulfan I	ND		0.011	mg/Kg-dry	1	02/26/12 10:51 AM
Endosulfan II	ND		0.011	mg/Kg-dry	1	02/26/12 10:51 AM
Endosulfan sulfate	ND		0.011	mg/Kg-dry	1	02/26/12 10:51 AM
Endrin	ND		0.011	mg/Kg-dry	1	02/26/12 10:51 AM
Endrin aldehyde	ND		0.011	mg/Kg-dry	1	02/26/12 10:51 AM
Endrin ketone	ND		0.011	mg/Kg-dry	1	02/26/12 10:51 AM
gamma-BHC (Lindane)	ND		0.011	mg/Kg-dry	1	02/26/12 10:51 AM
gamma-Chlordane	ND		0.011	mg/Kg-dry	1	02/26/12 10:51 AM
Heptachlor	ND		0.011	mg/Kg-dry	1	02/26/12 10:51 AM
Heptachlor epoxide	ND		0.011	mg/Kg-dry	1	02/26/12 10:51 AM
Methoxychlor	ND		0.011	mg/Kg-dry	1	02/26/12 10:51 AM
Toxaphene	ND		0.064	mg/Kg-dry	1	02/26/12 10:51 AM
Surr: Decachlorobiphenyl	62.1		45-135	%REC	1	02/26/12 10:51 AM
Surr: Tetrachloro-m-xylene	78.1		45-124	%REC	1	02/26/12 10:51 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: 1202544

Sample ID: WM-B01-S01-021612

Lab ID: 1202544-17

Collection Date: 02/16/12 12:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVA			SW7471		Prep Date: 02/20/12	Analyst: LR
Mercury	ND		0.019	mg/Kg-dry	1	02/21/12 04:07 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/22/12	Analyst: RH
Aluminum	10,000		16	mg/Kg-dry	20	02/23/12 03:50 PM
Antimony	ND		0.79	mg/Kg-dry	2	02/22/12 11:36 PM
Arsenic	9.5		0.79	mg/Kg-dry	2	02/22/12 11:36 PM
Barium	88		0.79	mg/Kg-dry	2	02/22/12 11:36 PM
Beryllium	ND		3.2	mg/Kg-dry	20	02/23/12 03:50 PM
Boron	120		32	mg/Kg-dry	20	02/23/12 03:50 PM
Cadmium	ND		0.32	mg/Kg-dry	2	02/22/12 11:36 PM
Calcium	38,000		790	mg/Kg-dry	20	02/23/12 03:50 PM
Chromium	14		0.79	mg/Kg-dry	2	02/22/12 11:36 PM
Cobalt	14		0.79	mg/Kg-dry	2	02/22/12 11:36 PM
Copper	19		0.79	mg/Kg-dry	2	02/22/12 11:36 PM
Iron	21,000		13	mg/Kg-dry	2	02/22/12 11:36 PM
Lead	14		0.79	mg/Kg-dry	2	02/22/12 11:36 PM
Magnesium	9,100		32	mg/Kg-dry	2	02/22/12 11:36 PM
Manganese	960		7.9	mg/Kg-dry	20	02/23/12 03:50 PM
Nickel	30		0.79	mg/Kg-dry	2	02/22/12 11:36 PM
Potassium	1,900		32	mg/Kg-dry	2	02/22/12 11:36 PM
Selenium	1.2		0.79	mg/Kg-dry	2	02/22/12 11:36 PM
Silver	ND		0.79	mg/Kg-dry	2	02/22/12 11:36 PM
Sodium	410		32	mg/Kg-dry	2	02/22/12 11:36 PM
Thallium	ND		0.79	mg/Kg-dry	2	02/22/12 11:36 PM
Vanadium	18		0.79	mg/Kg-dry	2	02/22/12 11:36 PM
Zinc	63		1.6	mg/Kg-dry	2	02/22/12 11:36 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/21/12	Analyst: HL
1,1'-Biphenyl	ND		0.37	mg/Kg-dry	1	02/25/12 02:00 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
2,4-Dimethylphenol	ND		0.37	mg/Kg-dry	1	02/25/12 02:00 PM
2,4-Dinitrophenol	ND		0.74	mg/Kg-dry	1	02/25/12 02:00 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
2-Chloronaphthalene	ND		0.090	mg/Kg-dry	1	02/25/12 02:00 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
2-Methylnaphthalene	ND		0.090	mg/Kg-dry	1	02/25/12 02:00 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 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: 1202544

Sample ID: WM-B01-S01-021612

Lab ID: 1202544-17

Collection Date: 02/16/12 12:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.74	mg/Kg-dry	1	02/25/12 02:00 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
3,3'-Dichlorobenzidine	ND		0.74	mg/Kg-dry	1	02/25/12 02:00 PM
3-Nitroaniline	ND	W	0.74	mg/Kg-dry	1	02/25/12 02:00 PM
4,6-Dinitro-2-methylphenol	ND		0.37	mg/Kg-dry	1	02/25/12 02:00 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
4-Chloroaniline	ND		0.74	mg/Kg-dry	1	02/25/12 02:00 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
4-Nitroaniline	ND		0.74	mg/Kg-dry	1	02/25/12 02:00 PM
4-Nitrophenol	ND		0.74	mg/Kg-dry	1	02/25/12 02:00 PM
Acenaphthene	ND		0.034	mg/Kg-dry	1	02/25/12 02:00 PM
Acenaphthylene	ND		0.034	mg/Kg-dry	1	02/25/12 02:00 PM
Acetophenone	ND		0.37	mg/Kg-dry	1	02/25/12 02:00 PM
Anthracene	ND		0.034	mg/Kg-dry	1	02/25/12 02:00 PM
Atrazine	ND		0.37	mg/Kg-dry	1	02/25/12 02:00 PM
Benzaldehyde	ND		0.37	mg/Kg-dry	1	02/25/12 02:00 PM
Benzo(a)anthracene	ND		0.034	mg/Kg-dry	1	02/25/12 02:00 PM
Benzo(a)pyrene	ND		0.034	mg/Kg-dry	1	02/25/12 02:00 PM
Benzo(b)fluoranthene	ND		0.034	mg/Kg-dry	1	02/25/12 02:00 PM
Benzo(g,h,i)perylene	ND		0.034	mg/Kg-dry	1	02/25/12 02:00 PM
Benzo(k)fluoranthene	ND		0.034	mg/Kg-dry	1	02/25/12 02:00 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
Bis(2-ethylhexyl)phthalate	ND		0.37	mg/Kg-dry	1	02/25/12 02:00 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
Caprolactam	ND		0.37	mg/Kg-dry	1	02/25/12 02:00 PM
Carbazole	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
Chrysene	ND		0.034	mg/Kg-dry	1	02/25/12 02:00 PM
Dibenzo(a,h)anthracene	ND		0.034	mg/Kg-dry	1	02/25/12 02:00 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
Diethyl phthalate	ND		0.37	mg/Kg-dry	1	02/25/12 02:00 PM
Dimethyl phthalate	ND		0.37	mg/Kg-dry	1	02/25/12 02:00 PM
Di-n-butyl phthalate	ND		0.37	mg/Kg-dry	1	02/25/12 02:00 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
Fluoranthene	ND		0.034	mg/Kg-dry	1	02/25/12 02:00 PM
Fluorene	ND		0.034	mg/Kg-dry	1	02/25/12 02:00 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM

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

29
3/13/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: WM-B01-S01-021612
Collection Date: 02/16/12 12:00 PM

Work Order: 1202544
Lab ID: 1202544-17
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
Hexachlorocyclopentadiene	ND		0.37	mg/Kg-dry	1	02/25/12 02:00 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
Indeno(1,2,3-cd)pyrene	ND		0.034	mg/Kg-dry	1	02/25/12 02:00 PM
Isophorone	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
Naphthalene	ND		0.034	mg/Kg-dry	1	02/25/12 02:00 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
Pentachlorophenol	ND		0.37	mg/Kg-dry	1	02/25/12 02:00 PM
Phenanthrene	ND		0.034	mg/Kg-dry	1	02/25/12 02:00 PM
Phenol	ND		0.18	mg/Kg-dry	1	02/25/12 02:00 PM
Pyrene	ND		0.034	mg/Kg-dry	1	02/25/12 02:00 PM
Surr: 2,4,6-Tribromophenol	95.0		34-140	%REC	1	02/25/12 02:00 PM
Surr: 2-Fluorobiphenyl	78.4		12-100	%REC	1	02/25/12 02:00 PM
Surr: 2-Fluorophenol	87.8		33-117	%REC	1	02/25/12 02:00 PM
Surr: 4-Terphenyl-d14	80.1		25-137	%REC	1	02/25/12 02:00 PM
Surr: Nitrobenzene-d5	77.1		37-107	%REC	1	02/25/12 02:00 PM
Surr: Phenol-d6	83.3		40-106	%REC	1	02/25/12 02:00 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: **RS**

1,1,1-Trichloroethane	ND		0.056	mg/Kg-dry	50	02/23/12 08:55 PM
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg-dry	50	02/23/12 08:55 PM
1,1,2-Trichloroethane	ND		0.11	mg/Kg-dry	50	02/23/12 08:55 PM
1,1,2-Trichlorotrifluoroethane	ND		0.056	mg/Kg-dry	50	02/23/12 08:55 PM
1,1-Dichloroethane	3.8		0.056	mg/Kg-dry	50	02/23/12 08:55 PM
1,1-Dichloroethene	ND		0.056	mg/Kg-dry	50	02/23/12 08:55 PM
1,2,4-Trichlorobenzene	ND		0.056	mg/Kg-dry	50	02/23/12 08:55 PM
1,2-Dibromo-3-chloropropane	ND		0.11	mg/Kg-dry	50	02/23/12 08:55 PM
1,2-Dibromoethane	ND		0.085	mg/Kg-dry	50	02/23/12 08:55 PM
1,2-Dichlorobenzene	ND		0.056	mg/Kg-dry	50	02/23/12 08:55 PM
1,2-Dichloroethane	ND		0.056	mg/Kg-dry	50	02/23/12 08:55 PM
1,2-Dichloropropane	ND		0.20	mg/Kg-dry	50	02/23/12 08:55 PM
1,3-Dichlorobenzene	ND		0.056	mg/Kg-dry	50	02/23/12 08:55 PM
1,4-Dichlorobenzene	ND		0.056	mg/Kg-dry	50	02/23/12 08:55 PM
2-Butanone	ND		0.42	mg/Kg-dry	50	02/23/12 08:55 PM
2-Hexanone	ND		0.28	mg/Kg-dry	50	02/23/12 08:55 PM
4-Methyl-2-pentanone	ND		0.28	mg/Kg-dry	50	02/23/12 08:55 PM
Acetone	ND		0.25	mg/Kg-dry	50	02/23/12 08:55 PM
Benzene	ND		0.056	mg/Kg-dry	50	02/23/12 08:55 PM
Bromodichloromethane	ND		0.085	mg/Kg-dry	50	02/23/12 08:55 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: 1202544

Sample ID: WM-B01-S01-021612

Lab ID: 1202544-17

Collection Date: 02/16/12 12:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.056	mg/Kg-dry	50	02/23/12 08:55 PM
Bromomethane	ND		0.085	mg/Kg-dry	50	02/23/12 08:55 PM
Carbon disulfide	ND		0.085	mg/Kg-dry	50	02/23/12 08:55 PM
Carbon tetrachloride	ND		0.056	mg/Kg-dry	50	02/23/12 08:55 PM
Chlorobenzene	ND		0.085	mg/Kg-dry	50	02/23/12 08:55 PM
Chloroethane	ND		0.17	mg/Kg-dry	50	02/23/12 08:55 PM
Chloroform	ND		0.056	mg/Kg-dry	50	02/23/12 08:55 PM
Chloromethane	ND		0.17	mg/Kg-dry	50	02/23/12 08:55 PM
cis-1,2-Dichloroethene	ND		0.11	mg/Kg-dry	50	02/23/12 08:55 PM
cis-1,3-Dichloropropene	ND		0.056	mg/Kg-dry	50	02/23/12 08:55 PM
Cyclohexane	ND		0.056	mg/Kg-dry	50	02/23/12 08:55 PM
Dibromochloromethane	ND		0.11	mg/Kg-dry	50	02/23/12 08:55 PM
Dichlorodifluoromethane	ND		0.056	mg/Kg-dry	50	02/23/12 08:55 PM
Ethylbenzene	ND		0.11	mg/Kg-dry	50	02/23/12 08:55 PM
Isopropylbenzene	0.096		0.056	mg/Kg-dry	50	02/23/12 08:55 PM
Methyl acetate	ND		0.56	mg/Kg-dry	50	02/23/12 08:55 PM
Methyl tert-butyl ether	ND		0.085	mg/Kg-dry	50	02/23/12 08:55 PM
Methylcyclohexane	ND		1.1	mg/Kg-dry	50	02/23/12 08:55 PM
Methylene chloride	ND		0.11	mg/Kg-dry	50	02/23/12 08:55 PM
Styrene	ND		0.085	mg/Kg-dry	50	02/23/12 08:55 PM
Tetrachloroethene	ND		0.056	mg/Kg-dry	50	02/23/12 08:55 PM
Toluene	0.23		0.085	mg/Kg-dry	50	02/23/12 08:55 PM
trans-1,2-Dichloroethene	ND		0.056	mg/Kg-dry	50	02/23/12 08:55 PM
trans-1,3-Dichloropropene	ND		0.085	mg/Kg-dry	50	02/23/12 08:55 PM
Trichloroethene	ND		0.056	mg/Kg-dry	50	02/23/12 08:55 PM
Trichlorofluoromethane	ND		0.056	mg/Kg-dry	50	02/23/12 08:55 PM
Vinyl chloride	ND		0.11	mg/Kg-dry	50	02/23/12 08:55 PM
Xylenes, Total	0.37		0.17	mg/Kg-dry	50	02/23/12 08:55 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	106		70-120	%REC	50	02/23/12 08:55 PM
<i>Surr: 4-Bromofluorobenzene</i>	138	S	75-120	%REC	50	02/23/12 08:55 PM
<i>Surr: Dibromofluoromethane</i>	99.1		85-115	%REC	50	02/23/12 08:55 PM
<i>Surr: Toluene-d8</i>	95.9		85-115	%REC	50	02/23/12 08:55 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/20/12	Analyst: MB
Chromium, Hexavalent	ND		0.56	mg/Kg-dry	1	02/23/12 12:01 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	11		0.050	% of sample	1	02/20/12 01:42 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: 1202544

Sample ID: WM-B01-S02-021612

Lab ID: 1202544-18

Collection Date: 02/16/12 12:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/23/12	Analyst: JD
2,4,5-T	ND		0.0056	mg/Kg-dry	1	02/24/12 07:17 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/24/12 07:17 PM
2,4-D	ND		0.0056	mg/Kg-dry	1	02/24/12 07:17 PM
Surr: DCAA	72.6		30-150	%REC	1	02/24/12 07:17 PM
PCBS			SW8082		Prep Date: 02/23/12	Analyst: JD
Aroclor 1016	ND		0.043	mg/Kg-dry	1	02/26/12 06:11 AM
Aroclor 1221	ND		0.043	mg/Kg-dry	1	02/26/12 06:11 AM
Aroclor 1232	ND		0.043	mg/Kg-dry	1	02/26/12 06:11 AM
Aroclor 1242	ND		0.043	mg/Kg-dry	1	02/26/12 06:11 AM
Aroclor 1248	ND		0.043	mg/Kg-dry	1	02/26/12 06:11 AM
Aroclor 1254	ND		0.043	mg/Kg-dry	1	02/26/12 06:11 AM
Aroclor 1260	ND		0.043	mg/Kg-dry	1	02/26/12 06:11 AM
Surr: Decachlorobiphenyl	83.1		40-140	%REC	1	02/26/12 06:11 AM
PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
4,4'-DDD	ND		0.022	mg/Kg-dry	2	02/26/12 11:05 AM
4,4'-DDE	ND		0.022	mg/Kg-dry	2	02/26/12 11:05 AM
4,4'-DDT	ND		0.022	mg/Kg-dry	2	02/26/12 11:05 AM
Aldrin	ND		0.022	mg/Kg-dry	2	02/26/12 11:05 AM
alpha-BHC	ND		0.022	mg/Kg-dry	2	02/26/12 11:05 AM
alpha-Chlordane	ND		0.022	mg/Kg-dry	2	02/26/12 11:05 AM
beta-BHC	ND		0.022	mg/Kg-dry	2	02/26/12 11:05 AM
Chlordane, Technical	ND		0.054	mg/Kg-dry	2	02/26/12 11:05 AM
delta-BHC	ND		0.022	mg/Kg-dry	2	02/26/12 11:05 AM
Dieldrin	ND		0.022	mg/Kg-dry	2	02/26/12 11:05 AM
Endosulfan I	ND		0.022	mg/Kg-dry	2	02/26/12 11:05 AM
Endosulfan II	ND		0.022	mg/Kg-dry	2	02/26/12 11:05 AM
Endosulfan sulfate	ND		0.022	mg/Kg-dry	2	02/26/12 11:05 AM
Endrin	ND		0.022	mg/Kg-dry	2	02/26/12 11:05 AM
Endrin aldehyde	ND		0.022	mg/Kg-dry	2	02/26/12 11:05 AM
Endrin ketone	ND		0.022	mg/Kg-dry	2	02/26/12 11:05 AM
gamma-BHC (Lindane)	ND		0.022	mg/Kg-dry	2	02/26/12 11:05 AM
gamma-Chlordane	ND		0.022	mg/Kg-dry	2	02/26/12 11:05 AM
Heptachlor	ND		0.022	mg/Kg-dry	2	02/26/12 11:05 AM
Heptachlor epoxide	ND		0.022	mg/Kg-dry	2	02/26/12 11:05 AM
Methoxychlor	ND		0.022	mg/Kg-dry	2	02/26/12 11:05 AM
Toxaphene	ND		0.13	mg/Kg-dry	2	02/26/12 11:05 AM
Surr: Decachlorobiphenyl	72.1		45-135	%REC	2	02/26/12 11:05 AM
Surr: Tetrachloro-m-xylene	62.1		45-124	%REC	2	02/26/12 11:05 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: 1202544

Sample ID: WM-B01-S02-021612

Lab ID: 1202544-18

Collection Date: 02/16/12 12:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA						
Mercury	ND		SW7471 0.018	mg/Kg-dry	Prep Date: 02/20/12 1	Analyst: LR 02/21/12 04:09 PM
METALS BY ICP-MS						
Aluminum	9,300		SW6020A 16	mg/Kg-dry	Prep Date: 02/22/12 20	Analyst: RH 02/23/12 04:08 PM
Antimony	ND		0.78	mg/Kg-dry	2	02/22/12 11:42 PM
Arsenic	12		0.78	mg/Kg-dry	2	02/22/12 11:42 PM
Barium	70		0.78	mg/Kg-dry	2	02/22/12 11:42 PM
Beryllium	ND		3.1	mg/Kg-dry	20	02/23/12 04:08 PM
Boron	65		31	mg/Kg-dry	20	02/23/12 04:08 PM
Cadmium	ND		0.31	mg/Kg-dry	2	02/22/12 11:42 PM
Calcium	47,000		780	mg/Kg-dry	20	02/23/12 04:08 PM
Chromium	13		0.78	mg/Kg-dry	2	02/22/12 11:42 PM
Cobalt	9.7		0.78	mg/Kg-dry	2	02/22/12 11:42 PM
Copper	21		0.78	mg/Kg-dry	2	02/22/12 11:42 PM
Iron	25,000		12	mg/Kg-dry	2	02/22/12 11:42 PM
Lead	12		0.78	mg/Kg-dry	2	02/22/12 11:42 PM
Magnesium	8,700		31	mg/Kg-dry	2	02/22/12 11:42 PM
Manganese	490		7.8	mg/Kg-dry	20	02/23/12 04:08 PM
Nickel	24		0.78	mg/Kg-dry	2	02/22/12 11:42 PM
Potassium	1,800		31	mg/Kg-dry	2	02/22/12 11:42 PM
Selenium	1.2		0.78	mg/Kg-dry	2	02/22/12 11:42 PM
Silver	ND		0.78	mg/Kg-dry	2	02/22/12 11:42 PM
Sodium	230		31	mg/Kg-dry	2	02/22/12 11:42 PM
Thallium	ND		0.78	mg/Kg-dry	2	02/22/12 11:42 PM
Vanadium	16		0.78	mg/Kg-dry	2	02/22/12 11:42 PM
Zinc	54		1.6	mg/Kg-dry	2	02/22/12 11:42 PM
SEMI-VOLATILE ORGANIC COMPOUNDS						
1,1'-Biphenyl	ND		SW8270 0.37	mg/Kg-dry	Prep Date: 02/21/12 1	Analyst: HL 02/25/12 02:27 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
2,4-Dimethylphenol	ND		0.37	mg/Kg-dry	1	02/25/12 02:27 PM
2,4-Dinitrophenol	ND		0.75	mg/Kg-dry	1	02/25/12 02:27 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
2-Chloronaphthalene	ND		0.091	mg/Kg-dry	1	02/25/12 02:27 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
2-Methylnaphthalene	ND		0.091	mg/Kg-dry	1	02/25/12 02:27 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 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: 1202544

Sample ID: WM-B01-S02-021612

Lab ID: 1202544-18

Collection Date: 02/16/12 12:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.75	mg/Kg-dry	1	02/25/12 02:27 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
3,3'-Dichlorobenzidine	ND		0.75	mg/Kg-dry	1	02/25/12 02:27 PM
3-Nitroaniline	ND		0.75	mg/Kg-dry	1	02/25/12 02:27 PM
4,6-Dinitro-2-methylphenol	ND		0.37	mg/Kg-dry	1	02/25/12 02:27 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
4-Chloroaniline	ND		0.75	mg/Kg-dry	1	02/25/12 02:27 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
4-Nitroaniline	ND	UJ	0.75	mg/Kg-dry	1	02/25/12 02:27 PM
4-Nitrophenol	ND		0.75	mg/Kg-dry	1	02/25/12 02:27 PM
Acenaphthene	ND		0.034	mg/Kg-dry	1	02/25/12 02:27 PM
Acenaphthylene	ND		0.034	mg/Kg-dry	1	02/25/12 02:27 PM
Acetophenone	ND		0.37	mg/Kg-dry	1	02/25/12 02:27 PM
Anthracene	ND		0.034	mg/Kg-dry	1	02/25/12 02:27 PM
Atrazine	ND		0.37	mg/Kg-dry	1	02/25/12 02:27 PM
Benzaldehyde	ND		0.37	mg/Kg-dry	1	02/25/12 02:27 PM
Benzo(a)anthracene	ND		0.034	mg/Kg-dry	1	02/25/12 02:27 PM
Benzo(a)pyrene	ND		0.034	mg/Kg-dry	1	02/25/12 02:27 PM
Benzo(b)fluoranthene	ND		0.034	mg/Kg-dry	1	02/25/12 02:27 PM
Benzo(g,h,i)perylene	ND		0.034	mg/Kg-dry	1	02/25/12 02:27 PM
Benzo(k)fluoranthene	ND		0.034	mg/Kg-dry	1	02/25/12 02:27 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
Bis(2-ethylhexyl)phthalate	ND		0.37	mg/Kg-dry	1	02/25/12 02:27 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
Caprolactam	ND		0.37	mg/Kg-dry	1	02/25/12 02:27 PM
Carbazole	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
Chrysene	ND		0.034	mg/Kg-dry	1	02/25/12 02:27 PM
Dibenzo(a,h)anthracene	ND		0.034	mg/Kg-dry	1	02/25/12 02:27 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
Diethyl phthalate	ND		0.37	mg/Kg-dry	1	02/25/12 02:27 PM
Dimethyl phthalate	ND		0.37	mg/Kg-dry	1	02/25/12 02:27 PM
Di-n-butyl phthalate	ND		0.37	mg/Kg-dry	1	02/25/12 02:27 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
Fluoranthene	ND		0.034	mg/Kg-dry	1	02/25/12 02:27 PM
Fluorene	ND		0.034	mg/Kg-dry	1	02/25/12 02:27 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM

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

24
3/13/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: WM-B01-S02-021612
Collection Date: 02/16/12 12:15 PM

Work Order: 1202544
Lab ID: 1202544-18
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
Hexachlorocyclopentadiene	ND		0.37	mg/Kg-dry	1	02/25/12 02:27 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
Indeno(1,2,3-cd)pyrene	ND		0.034	mg/Kg-dry	1	02/25/12 02:27 PM
Isophorone	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
Naphthalene	ND		0.034	mg/Kg-dry	1	02/25/12 02:27 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
Pentachlorophenol	ND		0.37	mg/Kg-dry	1	02/25/12 02:27 PM
Phenanthrene	ND		0.034	mg/Kg-dry	1	02/25/12 02:27 PM
Phenol	ND		0.18	mg/Kg-dry	1	02/25/12 02:27 PM
Pyrene	ND		0.034	mg/Kg-dry	1	02/25/12 02:27 PM
Surr: 2,4,6-Tribromophenol	93.2		34-140	%REC	1	02/25/12 02:27 PM
Surr: 2-Fluorobiphenyl	82.6		12-100	%REC	1	02/25/12 02:27 PM
Surr: 2-Fluorophenol	91.3		33-117	%REC	1	02/25/12 02:27 PM
Surr: 4-Terphenyl-d14	79.0		25-137	%REC	1	02/25/12 02:27 PM
Surr: Nitrobenzene-d5	81.2		37-107	%REC	1	02/25/12 02:27 PM
Surr: Phenol-d6	85.9		40-106	%REC	1	02/25/12 02:27 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: **RS**

1,1,1-Trichloroethane	ND		0.057	mg/Kg-dry	50	02/23/12 08:31 PM
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg-dry	50	02/23/12 08:31 PM
1,1,2-Trichloroethane	ND		0.11	mg/Kg-dry	50	02/23/12 08:31 PM
1,1,2-Trichlorotrifluoroethane	ND		0.057	mg/Kg-dry	50	02/23/12 08:31 PM
1,1-Dichloroethane	ND		0.057	mg/Kg-dry	50	02/23/12 08:31 PM
1,1-Dichloroethene	ND		0.057	mg/Kg-dry	50	02/23/12 08:31 PM
1,2,4-Trichlorobenzene	ND		0.057	mg/Kg-dry	50	02/23/12 08:31 PM
1,2-Dibromo-3-chloropropane	ND		0.11	mg/Kg-dry	50	02/23/12 08:31 PM
1,2-Dibromoethane	ND		0.085	mg/Kg-dry	50	02/23/12 08:31 PM
1,2-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/23/12 08:31 PM
1,2-Dichloroethane	ND		0.057	mg/Kg-dry	50	02/23/12 08:31 PM
1,2-Dichloropropane	ND		0.20	mg/Kg-dry	50	02/23/12 08:31 PM
1,3-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/23/12 08:31 PM
1,4-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/23/12 08:31 PM
2-Butanone	ND		0.43	mg/Kg-dry	50	02/23/12 08:31 PM
2-Hexanone	ND		0.28	mg/Kg-dry	50	02/23/12 08:31 PM
4-Methyl-2-pentanone	ND		0.28	mg/Kg-dry	50	02/23/12 08:31 PM
Acetone	ND		0.26	mg/Kg-dry	50	02/23/12 08:31 PM
Benzene	ND		0.057	mg/Kg-dry	50	02/23/12 08:31 PM
Bromodichloromethane	ND		0.085	mg/Kg-dry	50	02/23/12 08:31 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: 1202544

Sample ID: WM-B01-S02-021612

Lab ID: 1202544-18

Collection Date: 02/16/12 12:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.057	mg/Kg-dry	50	02/23/12 08:31 PM
Bromomethane	ND		0.085	mg/Kg-dry	50	02/23/12 08:31 PM
Carbon disulfide	ND		0.085	mg/Kg-dry	50	02/23/12 08:31 PM
Carbon tetrachloride	ND		0.057	mg/Kg-dry	50	02/23/12 08:31 PM
Chlorobenzene	ND		0.085	mg/Kg-dry	50	02/23/12 08:31 PM
Chloroethane	ND		0.17	mg/Kg-dry	50	02/23/12 08:31 PM
Chloroform	ND		0.057	mg/Kg-dry	50	02/23/12 08:31 PM
Chloromethane	ND		0.17	mg/Kg-dry	50	02/23/12 08:31 PM
cis-1,2-Dichloroethene	ND		0.11	mg/Kg-dry	50	02/23/12 08:31 PM
cis-1,3-Dichloropropene	ND		0.057	mg/Kg-dry	50	02/23/12 08:31 PM
Cyclohexane	ND		0.057	mg/Kg-dry	50	02/23/12 08:31 PM
Dibromochloromethane	ND		0.11	mg/Kg-dry	50	02/23/12 08:31 PM
Dichlorodifluoromethane	ND		0.057	mg/Kg-dry	50	02/23/12 08:31 PM
Ethylbenzene	ND		0.11	mg/Kg-dry	50	02/23/12 08:31 PM
Isopropylbenzene	ND		0.057	mg/Kg-dry	50	02/23/12 08:31 PM
Methyl acetate	ND		0.63	mg/Kg-dry	50	02/23/12 08:31 PM
Methyl tert-butyl ether	ND		0.085	mg/Kg-dry	50	02/23/12 08:31 PM
Methylcyclohexane	ND		1.1	mg/Kg-dry	50	02/23/12 08:31 PM
Methylene chloride	ND		0.11	mg/Kg-dry	50	02/23/12 08:31 PM
Styrene	ND		0.085	mg/Kg-dry	50	02/23/12 08:31 PM
Tetrachloroethene	ND		0.057	mg/Kg-dry	50	02/23/12 08:31 PM
Toluene	ND		0.085	mg/Kg-dry	50	02/23/12 08:31 PM
trans-1,2-Dichloroethene	ND		0.057	mg/Kg-dry	50	02/23/12 08:31 PM
trans-1,3-Dichloropropene	ND		0.085	mg/Kg-dry	50	02/23/12 08:31 PM
Trichloroethene	ND		0.057	mg/Kg-dry	50	02/23/12 08:31 PM
Trichlorofluoromethane	ND		0.057	mg/Kg-dry	50	02/23/12 08:31 PM
Vinyl chloride	ND		0.11	mg/Kg-dry	50	02/23/12 08:31 PM
Xylenes, Total	ND		0.17	mg/Kg-dry	50	02/23/12 08:31 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	106		70-120	%REC	50	02/23/12 08:31 PM
<i>Surr: 4-Bromofluorobenzene</i>	98.4		75-120	%REC	50	02/23/12 08:31 PM
<i>Surr: Dibromofluoromethane</i>	98.5		85-115	%REC	50	02/23/12 08:31 PM
<i>Surr: Toluene-d8</i>	96.9		85-115	%REC	50	02/23/12 08:31 PM

CHROMIUM, HEXAVALENT

Chromium, Hexavalent **SW7196A** Prep Date: 02/20/12 Analyst: **MB**
 ND 0.56 mg/Kg-dry 1 02/23/12 12:01 PM

MOISTURE

Moisture **A2540 G** Analyst: **CG**
 12 0.050 % of sample 1 02/20/12 01:42 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: 1202544

Sample ID: WM-B02-S01-021612

Lab ID: 1202544-19

Collection Date: 02/16/12 10:10 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/22/12	Analyst: JD
2,4,5-T	ND		0.0058	mg/Kg-dry	1	02/24/12 03:05 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/24/12 03:05 PM
2,4-D	ND		0.0058	mg/Kg-dry	1	02/24/12 03:05 PM
Surr: DCAA	78.6		30-150	%REC	1	02/24/12 03:05 PM
PCBS			SW8082		Prep Date: 02/23/12	Analyst: JD
Aroclor 1016	ND		0.046	mg/Kg-dry	1	02/26/12 06:31 AM
Aroclor 1221	ND		0.046	mg/Kg-dry	1	02/26/12 06:31 AM
Aroclor 1232	ND		0.046	mg/Kg-dry	1	02/26/12 06:31 AM
Aroclor 1242	ND		0.046	mg/Kg-dry	1	02/26/12 06:31 AM
Aroclor 1248	ND		0.046	mg/Kg-dry	1	02/26/12 06:31 AM
Aroclor 1254	ND		0.046	mg/Kg-dry	1	02/26/12 06:31 AM
Aroclor 1260	ND		0.046	mg/Kg-dry	1	02/26/12 06:31 AM
Surr: Decachlorobiphenyl	87.1		40-140	%REC	1	02/26/12 06:31 AM
PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
4,4'-DDD	ND		0.012	mg/Kg-dry	1	02/26/12 11:20 AM
4,4'-DDE	ND		0.012	mg/Kg-dry	1	02/26/12 11:20 AM
4,4'-DDT	ND		0.012	mg/Kg-dry	1	02/26/12 11:20 AM
Aldrin	ND		0.012	mg/Kg-dry	1	02/26/12 11:20 AM
alpha-BHC	ND		0.012	mg/Kg-dry	1	02/26/12 11:20 AM
alpha-Chlordane	ND		0.012	mg/Kg-dry	1	02/26/12 11:20 AM
beta-BHC	ND		0.012	mg/Kg-dry	1	02/26/12 11:20 AM
Chlordane, Technical	ND		0.029	mg/Kg-dry	1	02/26/12 11:20 AM
delta-BHC	ND		0.012	mg/Kg-dry	1	02/26/12 11:20 AM
Dieldrin	ND		0.012	mg/Kg-dry	1	02/26/12 11:20 AM
Endosulfan I	ND		0.012	mg/Kg-dry	1	02/26/12 11:20 AM
Endosulfan II	ND		0.012	mg/Kg-dry	1	02/26/12 11:20 AM
Endosulfan sulfate	ND		0.012	mg/Kg-dry	1	02/26/12 11:20 AM
Endrin	ND		0.012	mg/Kg-dry	1	02/26/12 11:20 AM
Endrin aldehyde	ND		0.012	mg/Kg-dry	1	02/26/12 11:20 AM
Endrin ketone	ND		0.012	mg/Kg-dry	1	02/26/12 11:20 AM
gamma-BHC (Lindane)	ND		0.012	mg/Kg-dry	1	02/26/12 11:20 AM
gamma-Chlordane	ND		0.012	mg/Kg-dry	1	02/26/12 11:20 AM
Heptachlor	ND		0.012	mg/Kg-dry	1	02/26/12 11:20 AM
Heptachlor epoxide	ND		0.012	mg/Kg-dry	1	02/26/12 11:20 AM
Methoxychlor	ND		0.012	mg/Kg-dry	1	02/26/12 11:20 AM
Toxaphene	ND		0.069	mg/Kg-dry	1	02/26/12 11:20 AM
Surr: Decachlorobiphenyl	58.1		45-135	%REC	1	02/26/12 11:20 AM
Surr: Tetrachloro-m-xylene	79.1		45-124	%REC	1	02/26/12 11:20 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
Sample ID: WM-B02-S01-021612
Collection Date: 02/16/12 10:10 AM

Work Order: 1202544
Lab ID: 1202544-19
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVA						
Mercury	0.022		SW7471 0.020	mg/Kg-dry	1	Prep Date: 02/20/12 Analyst: LR 02/21/12 04:12 PM
METALS BY ICP-MS						
Aluminum	11,000		SW6020A 17	mg/Kg-dry	20	Prep Date: 02/22/12 Analyst: RH 02/23/12 04:14 PM
Antimony	ND	UJ	0.84	mg/Kg-dry	2	02/22/12 01:19 PM
Arsenic	3.9		0.84	mg/Kg-dry	2	02/22/12 01:19 PM
Barium	30	J	0.84	mg/Kg-dry	2	02/22/12 01:19 PM
Beryllium	ND		3.4	mg/Kg-dry	20	02/23/12 04:14 PM
Boron	ND		34	mg/Kg-dry	20	02/23/12 04:14 PM
Cadmium	ND		0.34	mg/Kg-dry	2	02/22/12 01:19 PM
Calcium	1,300	J	84	mg/Kg-dry	2	02/22/12 01:19 PM
Chromium	15	J	0.84	mg/Kg-dry	2	02/22/12 01:19 PM
Cobalt	7.5		0.84	mg/Kg-dry	2	02/22/12 01:19 PM
Copper	15		0.84	mg/Kg-dry	2	02/22/12 01:19 PM
Iron	19,000		13	mg/Kg-dry	2	02/22/12 01:19 PM
Lead	10		0.84	mg/Kg-dry	2	02/22/12 01:19 PM
Magnesium	3,100	J	34	mg/Kg-dry	2	02/22/12 01:19 PM
Manganese	200		0.84	mg/Kg-dry	2	02/22/12 01:19 PM
Nickel	18		0.84	mg/Kg-dry	2	02/22/12 01:19 PM
Potassium	950	J	34	mg/Kg-dry	2	02/22/12 01:19 PM
Selenium	1.0	J	0.84	mg/Kg-dry	2	02/22/12 01:19 PM
Silver	ND	UJ	0.84	mg/Kg-dry	2	02/22/12 01:19 PM
Sodium	150		34	mg/Kg-dry	2	02/22/12 01:19 PM
Thallium	ND		0.84	mg/Kg-dry	2	02/22/12 01:19 PM
Vanadium	19	J	0.84	mg/Kg-dry	2	02/22/12 01:19 PM
Zinc	55		1.7	mg/Kg-dry	2	02/22/12 01:19 PM
SEMI-VOLATILE ORGANIC COMPOUNDS						
1,1'-Biphenyl	ND		SW8270 0.39	mg/Kg-dry	1	Prep Date: 02/20/12 Analyst: HL 02/23/12 10:29 AM
2,4,5-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
2,4,6-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
2,4-Dichlorophenol	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
2,4-Dimethylphenol	ND		0.39	mg/Kg-dry	1	02/23/12 10:29 AM
2,4-Dinitrophenol	ND		0.79	mg/Kg-dry	1	02/23/12 10:29 AM
2,4-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
2,6-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
2-Chloronaphthalene	ND		0.096	mg/Kg-dry	1	02/23/12 10:29 AM
2-Chlorophenol	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
2-Methylnaphthalene	ND		0.096	mg/Kg-dry	1	02/23/12 10:29 AM
2-Methylphenol	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM

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

24
3/13/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc
 Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
 Sample ID: WM-B02-S01-021612
 Collection Date: 02/16/12 10:10 AM

Work Order: 1202544
 Lab ID: 1202544-19
 Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.79	mg/Kg-dry	1	02/23/12 10:29 AM
2-Nitrophenol	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
3,3'-Dichlorobenzidine	ND		0.79	mg/Kg-dry	1	02/23/12 10:29 AM
3-Nitroaniline	ND		0.79	mg/Kg-dry	1	02/23/12 10:29 AM
4,6-Dinitro-2-methylphenol	ND		0.39	mg/Kg-dry	1	02/23/12 10:29 AM
4-Bromophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
4-Chloro-3-methylphenol	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
4-Chloroaniline	ND		0.79	mg/Kg-dry	1	02/23/12 10:29 AM
4-Chlorophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
4-Methylphenol	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
4-Nitroaniline	ND	UJ	0.79	mg/Kg-dry	1	02/23/12 10:29 AM
4-Nitrophenol	ND		0.79	mg/Kg-dry	1	02/23/12 10:29 AM
Acenaphthene	ND		0.036	mg/Kg-dry	1	02/23/12 10:29 AM
Acenaphthylene	ND		0.036	mg/Kg-dry	1	02/23/12 10:29 AM
Acetophenone	ND		0.39	mg/Kg-dry	1	02/23/12 10:29 AM
Anthracene	ND		0.036	mg/Kg-dry	1	02/23/12 10:29 AM
Atrazine	ND		0.39	mg/Kg-dry	1	02/23/12 10:29 AM
Benzaldehyde	ND		0.39	mg/Kg-dry	1	02/23/12 10:29 AM
Benzo(a)anthracene	ND		0.036	mg/Kg-dry	1	02/23/12 10:29 AM
Benzo(a)pyrene	ND		0.036	mg/Kg-dry	1	02/23/12 10:29 AM
Benzo(b)fluoranthene	0.037		0.036	mg/Kg-dry	1	02/23/12 10:29 AM
Benzo(g,h,i)perylene	ND		0.036	mg/Kg-dry	1	02/23/12 10:29 AM
Benzo(k)fluoranthene	ND		0.036	mg/Kg-dry	1	02/23/12 10:29 AM
Bis(2-chloroethoxy)methane	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
Bis(2-chloroethyl)ether	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
Bis(2-chloroisopropyl)ether	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
Bis(2-ethylhexyl)phthalate	ND		0.39	mg/Kg-dry	1	02/23/12 10:29 AM
Butyl benzyl phthalate	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
Caprolactam	ND		0.39	mg/Kg-dry	1	02/23/12 10:29 AM
Carbazole	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
Chrysene	ND		0.036	mg/Kg-dry	1	02/23/12 10:29 AM
Dibenzo(a,h)anthracene	ND		0.036	mg/Kg-dry	1	02/23/12 10:29 AM
Dibenzofuran	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
Diethyl phthalate	ND		0.39	mg/Kg-dry	1	02/23/12 10:29 AM
Dimethyl phthalate	ND		0.39	mg/Kg-dry	1	02/23/12 10:29 AM
Di-n-butyl phthalate	ND		0.39	mg/Kg-dry	1	02/23/12 10:29 AM
Di-n-octyl phthalate	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
Fluoranthene	ND		0.036	mg/Kg-dry	1	02/23/12 10:29 AM
Fluorene	ND		0.036	mg/Kg-dry	1	02/23/12 10:29 AM
Hexachlorobenzene	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM

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

28
3/13/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: WM-B02-S01-021612
Collection Date: 02/16/12 10:10 AM

Work Order: 1202544
Lab ID: 1202544-19
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
Hexachlorocyclopentadiene	ND		0.39	mg/Kg-dry	1	02/23/12 10:29 AM
Hexachloroethane	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
Indeno(1,2,3-cd)pyrene	ND		0.036	mg/Kg-dry	1	02/23/12 10:29 AM
Isophorone	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
Naphthalene	ND		0.036	mg/Kg-dry	1	02/23/12 10:29 AM
Nitrobenzene	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
N-Nitrosodi-n-propylamine	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
N-Nitrosodiphenylamine	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
Pentachlorophenol	ND		0.39	mg/Kg-dry	1	02/23/12 10:29 AM
Phenanthrene	ND		0.036	mg/Kg-dry	1	02/23/12 10:29 AM
Phenol	ND		0.19	mg/Kg-dry	1	02/23/12 10:29 AM
Pyrene	ND		0.036	mg/Kg-dry	1	02/23/12 10:29 AM
Surr: 2,4,6-Tribromophenol	85.3		34-140	%REC	1	02/23/12 10:29 AM
Surr: 2-Fluorobiphenyl	76.1		12-100	%REC	1	02/23/12 10:29 AM
Surr: 2-Fluorophenol	84.2		33-117	%REC	1	02/23/12 10:29 AM
Surr: 4-Terphenyl-d14	85.3		25-137	%REC	1	02/23/12 10:29 AM
Surr: Nitrobenzene-d5	86.2		37-107	%REC	1	02/23/12 10:29 AM
Surr: Phenol-d6	90.0		40-106	%REC	1	02/23/12 10:29 AM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: BG

1,1,1-Trichloroethane	ND		0.060	mg/Kg-dry	50	02/21/12 05:38 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/21/12 05:38 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/21/12 05:38 PM
1,1,2-Trichlorotrifluoroethane	ND		0.060	mg/Kg-dry	50	02/21/12 05:38 PM
1,1-Dichloroethane	ND		0.060	mg/Kg-dry	50	02/21/12 05:38 PM
1,1-Dichloroethene	ND	UJ	0.060	mg/Kg-dry	50	02/21/12 05:38 PM
1,2,4-Trichlorobenzene	ND		0.060	mg/Kg-dry	50	02/21/12 05:38 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/21/12 05:38 PM
1,2-Dibromoethane	ND		0.090	mg/Kg-dry	50	02/21/12 05:38 PM
1,2-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	02/21/12 05:38 PM
1,2-Dichloroethane	ND		0.060	mg/Kg-dry	50	02/21/12 05:38 PM
1,2-Dichloropropane	ND		0.21	mg/Kg-dry	50	02/21/12 05:38 PM
1,3-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	02/21/12 05:38 PM
1,4-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	02/21/12 05:38 PM
2-Butanone	ND		0.45	mg/Kg-dry	50	02/21/12 05:38 PM
2-Hexanone	ND		0.30	mg/Kg-dry	50	02/21/12 05:38 PM
4-Methyl-2-pentanone	ND		0.30	mg/Kg-dry	50	02/21/12 05:38 PM
Acetone	ND	UJ	0.27	mg/Kg-dry	50	02/21/12 05:38 PM
Benzene	ND		0.060	mg/Kg-dry	50	02/21/12 05:38 PM
Bromodichloromethane	ND		0.090	mg/Kg-dry	50	02/21/12 05:38 PM

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

LB
3/13/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: WM-B02-S01-021612
Collection Date: 02/16/12 10:10 AM

Work Order: 1202544
Lab ID: 1202544-19
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.060	mg/Kg-dry	50	02/21/12 05:38 PM
Bromomethane	ND		0.090	mg/Kg-dry	50	02/21/12 05:38 PM
Carbon disulfide	ND	UJ	0.090	mg/Kg-dry	50	02/21/12 05:38 PM
Carbon tetrachloride	ND		0.060	mg/Kg-dry	50	02/21/12 05:38 PM
Chlorobenzene	ND		0.090	mg/Kg-dry	50	02/21/12 05:38 PM
Chloroethane	ND		0.18	mg/Kg-dry	50	02/21/12 05:38 PM
Chloroform	ND		0.060	mg/Kg-dry	50	02/21/12 05:38 PM
Chloromethane	ND	UJ	0.18	mg/Kg-dry	50	02/21/12 05:38 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/21/12 05:38 PM
cis-1,3-Dichloropropene	ND		0.060	mg/Kg-dry	50	02/21/12 05:38 PM
Cyclohexane	ND		0.060	mg/Kg-dry	50	02/21/12 05:38 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/21/12 05:38 PM
Dichlorodifluoromethane	ND		0.060	mg/Kg-dry	50	02/21/12 05:38 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/21/12 05:38 PM
Isopropylbenzene	ND		0.060	mg/Kg-dry	50	02/21/12 05:38 PM
Methyl acetate	ND		0.060	mg/Kg-dry	50	02/21/12 05:38 PM
Methyl tert-butyl ether	ND		0.090	mg/Kg-dry	50	02/21/12 05:38 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/21/12 05:38 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/21/12 05:38 PM
Styrene	ND		0.090	mg/Kg-dry	50	02/21/12 05:38 PM
Tetrachloroethene	ND		0.060	mg/Kg-dry	50	02/21/12 05:38 PM
Toluene	ND		0.090	mg/Kg-dry	50	02/21/12 05:38 PM
trans-1,2-Dichloroethene	ND		0.060	mg/Kg-dry	50	02/21/12 05:38 PM
trans-1,3-Dichloropropene	ND		0.090	mg/Kg-dry	50	02/21/12 05:38 PM
Trichloroethene	ND		0.060	mg/Kg-dry	50	02/21/12 05:38 PM
Trichlorofluoromethane	ND	UJ	0.060	mg/Kg-dry	50	02/21/12 05:38 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/21/12 05:38 PM
Xylenes, Total	ND		0.18	mg/Kg-dry	50	02/21/12 05:38 PM
Surr: 1,2-Dichloroethane-d4	98.4		70-120	%REC	50	02/21/12 05:38 PM
Surr: 4-Bromofluorobenzene	99.5		75-120	%REC	50	02/21/12 05:38 PM
Surr: Dibromofluoromethane	90.7		85-115	%REC	50	02/21/12 05:38 PM
Surr: Toluene-d8	103		85-115	%REC	50	02/21/12 05:38 PM

CHROMIUM, HEXAVALENT

Chromium, Hexavalent ND UJ **SW7196A** mg/Kg-dry Prep Date: 02/20/12 Analyst: MB 02/23/12 12:01 PM

MOISTURE

Moisture 17 **A2540 G** % of sample 1 Analyst: CG 02/20/12 01:42 PM

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

LM
3/13/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202544

Sample ID: WM-B02-S02-021612

Lab ID: 1202544-20

Collection Date: 02/16/12 10:35 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/23/12	Analyst: JD
2,4,5-T	ND		0.0059	mg/Kg-dry	1	02/24/12 07:17 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/24/12 07:17 PM
2,4-D	ND		0.0059	mg/Kg-dry	1	02/24/12 07:17 PM
Surr: DCAA	72.8		30-150	%REC	1	02/24/12 07:17 PM
PCBS			SW8082		Prep Date: 02/23/12	Analyst: JD
Aroclor 1016	ND		0.047	mg/Kg-dry	1	02/26/12 07:31 AM
Aroclor 1221	ND		0.047	mg/Kg-dry	1	02/26/12 07:31 AM
Aroclor 1232	ND		0.047	mg/Kg-dry	1	02/26/12 07:31 AM
Aroclor 1242	ND		0.047	mg/Kg-dry	1	02/26/12 07:31 AM
Aroclor 1248	ND		0.047	mg/Kg-dry	1	02/26/12 07:31 AM
Aroclor 1254	ND		0.047	mg/Kg-dry	1	02/26/12 07:31 AM
Aroclor 1260	ND		0.047	mg/Kg-dry	1	02/26/12 07:31 AM
Surr: Decachlorobiphenyl	87.1		40-140	%REC	1	02/26/12 07:31 AM
PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
4,4'-DDD	ND		0.012	mg/Kg-dry	1	02/26/12 12:05 PM
4,4'-DDE	ND		0.012	mg/Kg-dry	1	02/26/12 12:05 PM
4,4'-DDT	ND		0.012	mg/Kg-dry	1	02/26/12 12:05 PM
Aldrin	ND		0.012	mg/Kg-dry	1	02/26/12 12:05 PM
alpha-BHC	ND		0.012	mg/Kg-dry	1	02/26/12 12:05 PM
alpha-Chlordane	ND		0.012	mg/Kg-dry	1	02/26/12 12:05 PM
beta-BHC	ND		0.012	mg/Kg-dry	1	02/26/12 12:05 PM
Chlordane, Technical	ND		0.029	mg/Kg-dry	1	02/26/12 12:05 PM
delta-BHC	ND		0.012	mg/Kg-dry	1	02/26/12 12:05 PM
Dieldrin	ND		0.012	mg/Kg-dry	1	02/26/12 12:05 PM
Endosulfan I	ND		0.012	mg/Kg-dry	1	02/26/12 12:05 PM
Endosulfan II	ND		0.012	mg/Kg-dry	1	02/26/12 12:05 PM
Endosulfan sulfate	ND		0.012	mg/Kg-dry	1	02/26/12 12:05 PM
Endrin	ND		0.012	mg/Kg-dry	1	02/26/12 12:05 PM
Endrin aldehyde	ND		0.012	mg/Kg-dry	1	02/26/12 12:05 PM
Endrin ketone	ND		0.012	mg/Kg-dry	1	02/26/12 12:05 PM
gamma-BHC (Lindane)	ND		0.012	mg/Kg-dry	1	02/26/12 12:05 PM
gamma-Chlordane	ND		0.012	mg/Kg-dry	1	02/26/12 12:05 PM
Heptachlor	ND		0.012	mg/Kg-dry	1	02/26/12 12:05 PM
Heptachlor epoxide	ND		0.012	mg/Kg-dry	1	02/26/12 12:05 PM
Methoxychlor	ND		0.012	mg/Kg-dry	1	02/26/12 12:05 PM
Toxaphene	ND		0.070	mg/Kg-dry	1	02/26/12 12:05 PM
Surr: Decachlorobiphenyl	61.1		45-135	%REC	1	02/26/12 12:05 PM
Surr: Tetrachloro-m-xylene	93.1		45-124	%REC	1	02/26/12 12:05 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: 1202544

Sample ID: WM-B02-S02-021612

Lab ID: 1202544-20

Collection Date: 02/16/12 10:35 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVA			SW7471		Prep Date: 02/22/12	Analyst: LR
Mercury	ND		0.020	mg/Kg-dry	1	02/23/12 01:54 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/22/12	Analyst: RH
Aluminum	3,700		1.9	mg/Kg-dry	2	02/23/12 02:01 AM
Antimony	ND		0.93	mg/Kg-dry	2	02/23/12 02:01 AM
Arsenic	1.3		0.93	mg/Kg-dry	2	02/23/12 02:01 AM
Barium	17		0.93	mg/Kg-dry	2	02/23/12 02:01 AM
Beryllium	ND		0.37	mg/Kg-dry	2	02/23/12 02:01 AM
Boron	10		3.7	mg/Kg-dry	2	02/23/12 02:01 AM
Cadmium	ND		0.37	mg/Kg-dry	2	02/23/12 02:01 AM
Calcium	1,100		93	mg/Kg-dry	2	02/23/12 02:01 AM
Chromium	5.9		0.93	mg/Kg-dry	2	02/23/12 02:01 AM
Cobalt	3.4		0.93	mg/Kg-dry	2	02/23/12 02:01 AM
Copper	6.2		0.93	mg/Kg-dry	2	02/23/12 02:01 AM
Iron	5,300		15	mg/Kg-dry	2	02/23/12 02:01 AM
Lead	5.0		0.93	mg/Kg-dry	2	02/23/12 02:01 AM
Magnesium	1,300		37	mg/Kg-dry	2	02/23/12 02:01 AM
Manganese	79		0.93	mg/Kg-dry	2	02/23/12 02:01 AM
Nickel	9.2		0.93	mg/Kg-dry	2	02/23/12 02:01 AM
Potassium	580		37	mg/Kg-dry	2	02/23/12 02:01 AM
Selenium	ND		0.93	mg/Kg-dry	2	02/23/12 02:01 AM
Silver	ND		0.93	mg/Kg-dry	2	02/23/12 02:01 AM
Sodium	130		37	mg/Kg-dry	2	02/23/12 02:01 AM
Thallium	ND		0.93	mg/Kg-dry	2	02/23/12 02:01 AM
Vanadium	7.4		0.93	mg/Kg-dry	2	02/23/12 02:01 AM
Zinc	24		1.9	mg/Kg-dry	2	02/23/12 02:01 AM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/21/12	Analyst: HL
1,1'-Biphenyl	ND		0.39	mg/Kg-dry	1	02/25/12 09:35 AM
2,4,5-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
2,4,6-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
2,4-Dichlorophenol	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
2,4-Dimethylphenol	ND		0.39	mg/Kg-dry	1	02/25/12 09:35 AM
2,4-Dinitrophenol	ND		0.79	mg/Kg-dry	1	02/25/12 09:35 AM
2,4-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
2,6-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
2-Chloronaphthalene	ND		0.095	mg/Kg-dry	1	02/25/12 09:35 AM
2-Chlorophenol	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
2-Methylnaphthalene	ND		0.095	mg/Kg-dry	1	02/25/12 09:35 AM
2-Methylphenol	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 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: 1202544

Sample ID: WM-B02-S02-021612

Lab ID: 1202544-20

Collection Date: 02/16/12 10:35 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.79	mg/Kg-dry	1	02/25/12 09:35 AM
2-Nitrophenol	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
3,3'-Dichlorobenzidine	ND		0.79	mg/Kg-dry	1	02/25/12 09:35 AM
3-Nitroaniline	ND		0.79	mg/Kg-dry	1	02/25/12 09:35 AM
4,6-Dinitro-2-methylphenol	ND		0.39	mg/Kg-dry	1	02/25/12 09:35 AM
4-Bromophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
4-Chloro-3-methylphenol	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
4-Chloroaniline	ND		0.79	mg/Kg-dry	1	02/25/12 09:35 AM
4-Chlorophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
4-Methylphenol	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
4-Nitroaniline	ND	W	0.79	mg/Kg-dry	1	02/25/12 09:35 AM
4-Nitrophenol	ND		0.79	mg/Kg-dry	1	02/25/12 09:35 AM
Acenaphthene	ND		0.036	mg/Kg-dry	1	02/25/12 09:35 AM
Acenaphthylene	ND		0.036	mg/Kg-dry	1	02/25/12 09:35 AM
Acetophenone	ND		0.39	mg/Kg-dry	1	02/25/12 09:35 AM
Anthracene	ND		0.036	mg/Kg-dry	1	02/25/12 09:35 AM
Atrazine	ND		0.39	mg/Kg-dry	1	02/25/12 09:35 AM
Benzaldehyde	ND		0.39	mg/Kg-dry	1	02/25/12 09:35 AM
Benzo(a)anthracene	ND		0.036	mg/Kg-dry	1	02/25/12 09:35 AM
Benzo(a)pyrene	ND		0.036	mg/Kg-dry	1	02/25/12 09:35 AM
Benzo(b)fluoranthene	ND		0.036	mg/Kg-dry	1	02/25/12 09:35 AM
Benzo(g,h,i)perylene	ND		0.036	mg/Kg-dry	1	02/25/12 09:35 AM
Benzo(k)fluoranthene	ND		0.036	mg/Kg-dry	1	02/25/12 09:35 AM
Bis(2-chloroethoxy)methane	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
Bis(2-chloroethyl)ether	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
Bis(2-chloroisopropyl)ether	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
Bis(2-ethylhexyl)phthalate	ND		0.39	mg/Kg-dry	1	02/25/12 09:35 AM
Butyl benzyl phthalate	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
Caprolactam	ND		0.39	mg/Kg-dry	1	02/25/12 09:35 AM
Carbazole	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
Chrysene	ND		0.036	mg/Kg-dry	1	02/25/12 09:35 AM
Dibenzo(a,h)anthracene	ND		0.036	mg/Kg-dry	1	02/25/12 09:35 AM
Dibenzofuran	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
Diethyl phthalate	ND		0.39	mg/Kg-dry	1	02/25/12 09:35 AM
Dimethyl phthalate	ND		0.39	mg/Kg-dry	1	02/25/12 09:35 AM
Di-n-butyl phthalate	ND		0.39	mg/Kg-dry	1	02/25/12 09:35 AM
Di-n-octyl phthalate	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
Fluoranthene	ND		0.036	mg/Kg-dry	1	02/25/12 09:35 AM
Fluorene	ND		0.036	mg/Kg-dry	1	02/25/12 09:35 AM
Hexachlorobenzene	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM

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

Handwritten:
 29
 3/13/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202544

Sample ID: WM-B02-S02-021612

Lab ID: 1202544-20

Collection Date: 02/16/12 10:35 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
Hexachlorocyclopentadiene	ND		0.39	mg/Kg-dry	1	02/25/12 09:35 AM
Hexachloroethane	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
Indeno(1,2,3-cd)pyrene	ND		0.036	mg/Kg-dry	1	02/25/12 09:35 AM
Isophorone	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
Naphthalene	ND		0.036	mg/Kg-dry	1	02/25/12 09:35 AM
Nitrobenzene	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
N-Nitrosodi-n-propylamine	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
N-Nitrosodiphenylamine	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
Pentachlorophenol	ND		0.39	mg/Kg-dry	1	02/25/12 09:35 AM
Phenanthrene	ND		0.036	mg/Kg-dry	1	02/25/12 09:35 AM
Phenol	ND		0.19	mg/Kg-dry	1	02/25/12 09:35 AM
Pyrene	ND		0.036	mg/Kg-dry	1	02/25/12 09:35 AM
Surr: 2,4,6-Tribromophenol	88.6		34-140	%REC	1	02/25/12 09:35 AM
Surr: 2-Fluorobiphenyl	79.1		12-100	%REC	1	02/25/12 09:35 AM
Surr: 2-Fluorophenol	89.1		33-117	%REC	1	02/25/12 09:35 AM
Surr: 4-Terphenyl-d14	79.5		25-137	%REC	1	02/25/12 09:35 AM
Surr: Nitrobenzene-d5	79.5		37-107	%REC	1	02/25/12 09:35 AM
Surr: Phenol-d6	85.1		40-106	%REC	1	02/25/12 09:35 AM
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: BG
1,1,1-Trichloroethane	ND		0.060	mg/Kg-dry	50	02/21/12 08:32 PM
1,1,1,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/21/12 08:32 PM
1,1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/21/12 08:32 PM
1,1,1,2-Trichlorotrifluoroethane	ND		0.060	mg/Kg-dry	50	02/21/12 08:32 PM
1,1-Dichloroethane	ND		0.060	mg/Kg-dry	50	02/21/12 08:32 PM
1,1-Dichloroethene	ND		0.060	mg/Kg-dry	50	02/21/12 08:32 PM
1,2,4-Trichlorobenzene	ND		0.060	mg/Kg-dry	50	02/21/12 08:32 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/21/12 08:32 PM
1,2-Dibromoethane	ND		0.090	mg/Kg-dry	50	02/21/12 08:32 PM
1,2-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	02/21/12 08:32 PM
1,2-Dichloroethane	ND		0.060	mg/Kg-dry	50	02/21/12 08:32 PM
1,2-Dichloropropane	ND		0.21	mg/Kg-dry	50	02/21/12 08:32 PM
1,3-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	02/21/12 08:32 PM
1,4-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	02/21/12 08:32 PM
2-Butanone	ND		0.45	mg/Kg-dry	50	02/21/12 08:32 PM
2-Hexanone	ND		0.30	mg/Kg-dry	50	02/21/12 08:32 PM
4-Methyl-2-pentanone	ND		0.30	mg/Kg-dry	50	02/21/12 08:32 PM
Acetone	ND		0.27	mg/Kg-dry	50	02/21/12 08:32 PM
Benzene	ND		0.060	mg/Kg-dry	50	02/21/12 08:32 PM
Bromodichloromethane	ND		0.090	mg/Kg-dry	50	02/21/12 08:32 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: 1202544

Sample ID: WM-B02-S02-021612

Lab ID: 1202544-20

Collection Date: 02/16/12 10:35 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.060	mg/Kg-dry	50	02/21/12 08:32 PM
Bromomethane	ND		0.090	mg/Kg-dry	50	02/21/12 08:32 PM
Carbon disulfide	ND		0.090	mg/Kg-dry	50	02/21/12 08:32 PM
Carbon tetrachloride	ND		0.060	mg/Kg-dry	50	02/21/12 08:32 PM
Chlorobenzene	ND		0.090	mg/Kg-dry	50	02/21/12 08:32 PM
Chloroethane	ND		0.18	mg/Kg-dry	50	02/21/12 08:32 PM
Chloroform	ND		0.060	mg/Kg-dry	50	02/21/12 08:32 PM
Chloromethane	ND		0.18	mg/Kg-dry	50	02/21/12 08:32 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/21/12 08:32 PM
cis-1,3-Dichloropropene	ND		0.060	mg/Kg-dry	50	02/21/12 08:32 PM
Cyclohexane	ND		0.060	mg/Kg-dry	50	02/21/12 08:32 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/21/12 08:32 PM
Dichlorodifluoromethane	ND		0.060	mg/Kg-dry	50	02/21/12 08:32 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/21/12 08:32 PM
Isopropylbenzene	ND		0.060	mg/Kg-dry	50	02/21/12 08:32 PM
Methyl acetate	ND		0.24	mg/Kg-dry	50	02/21/12 08:32 PM
Methyl tert-butyl ether	ND		0.090	mg/Kg-dry	50	02/21/12 08:32 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/21/12 08:32 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/21/12 08:32 PM
Styrene	ND		0.090	mg/Kg-dry	50	02/21/12 08:32 PM
Tetrachloroethene	ND		0.060	mg/Kg-dry	50	02/21/12 08:32 PM
Toluene	ND		0.090	mg/Kg-dry	50	02/21/12 08:32 PM
trans-1,2-Dichloroethene	ND		0.060	mg/Kg-dry	50	02/21/12 08:32 PM
trans-1,3-Dichloropropene	ND		0.090	mg/Kg-dry	50	02/21/12 08:32 PM
Trichloroethene	ND		0.060	mg/Kg-dry	50	02/21/12 08:32 PM
Trichlorofluoromethane	ND		0.060	mg/Kg-dry	50	02/21/12 08:32 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/21/12 08:32 PM
Xylenes, Total	ND		0.18	mg/Kg-dry	50	02/21/12 08:32 PM
Surr: 1,2-Dichloroethane-d4	97.7		70-120	%REC	50	02/21/12 08:32 PM
Surr: 4-Bromofluorobenzene	99.1		75-120	%REC	50	02/21/12 08:32 PM
Surr: Dibromofluoromethane	93.6		85-115	%REC	50	02/21/12 08:32 PM
Surr: Toluene-d8	103		85-115	%REC	50	02/21/12 08:32 PM

CHROMIUM, HEXAVALENT

Chromium, Hexavalent

ND

SW7196A

0.59 mg/Kg-dry

Prep Date: 02/20/12

1

Analyst: MB

02/23/12 12:01 PM

MOISTURE

Moisture

16

A2540 G

0.050 % of sample

1

Analyst: CG

02/20/12 01:42 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: 1202544

Sample ID: WM-B03-S01-021612

Lab ID: 1202544-21

Collection Date: 02/16/12 09:20 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/23/12	Analyst: JD
2,4,5-T	ND		0.0055	mg/Kg-dry	1	02/24/12 07:17 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/24/12 07:17 PM
2,4-D	ND		0.0055	mg/Kg-dry	1	02/24/12 07:17 PM
Surr: DCAA	77.2		30-150	%REC	1	02/24/12 07:17 PM
PCBS			SW8082		Prep Date: 02/23/12	Analyst: JD
Aroclor 1016	ND		0.042	mg/Kg-dry	1	02/26/12 07:50 AM
Aroclor 1221	ND		0.042	mg/Kg-dry	1	02/26/12 07:50 AM
Aroclor 1232	ND		0.042	mg/Kg-dry	1	02/26/12 07:50 AM
Aroclor 1242	ND		0.042	mg/Kg-dry	1	02/26/12 07:50 AM
Aroclor 1248	ND		0.042	mg/Kg-dry	1	02/26/12 07:50 AM
Aroclor 1254	0.068		0.042	mg/Kg-dry	1	02/26/12 07:50 AM
Aroclor 1260	ND		0.042	mg/Kg-dry	1	02/26/12 07:50 AM
Surr: Decachlorobiphenyl	85.1		40-140	%REC	1	02/26/12 07:50 AM
PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
4,4'-DDD	ND		0.021	mg/Kg-dry	2	02/26/12 12:20 PM
4,4'-DDE	ND		0.021	mg/Kg-dry	2	02/26/12 12:20 PM
4,4'-DDT	ND		0.021	mg/Kg-dry	2	02/26/12 12:20 PM
Aldrin	ND		0.021	mg/Kg-dry	2	02/26/12 12:20 PM
alpha-BHC	ND		0.021	mg/Kg-dry	2	02/26/12 12:20 PM
alpha-Chlordane	ND		0.021	mg/Kg-dry	2	02/26/12 12:20 PM
beta-BHC	ND		0.021	mg/Kg-dry	2	02/26/12 12:20 PM
Chlordane, Technical	ND		0.052	mg/Kg-dry	2	02/26/12 12:20 PM
delta-BHC	ND		0.021	mg/Kg-dry	2	02/26/12 12:20 PM
Dieldrin	ND		0.021	mg/Kg-dry	2	02/26/12 12:20 PM
Endosulfan I	ND		0.021	mg/Kg-dry	2	02/26/12 12:20 PM
Endosulfan II	ND		0.021	mg/Kg-dry	2	02/26/12 12:20 PM
Endosulfan sulfate	ND		0.021	mg/Kg-dry	2	02/26/12 12:20 PM
Endrin	ND		0.021	mg/Kg-dry	2	02/26/12 12:20 PM
Endrin aldehyde	ND		0.021	mg/Kg-dry	2	02/26/12 12:20 PM
Endrin ketone	ND		0.021	mg/Kg-dry	2	02/26/12 12:20 PM
gamma-BHC (Lindane)	ND		0.021	mg/Kg-dry	2	02/26/12 12:20 PM
gamma-Chlordane	ND		0.021	mg/Kg-dry	2	02/26/12 12:20 PM
Heptachlor	ND		0.021	mg/Kg-dry	2	02/26/12 12:20 PM
Heptachlor epoxide	ND		0.021	mg/Kg-dry	2	02/26/12 12:20 PM
Methoxychlor	ND		0.021	mg/Kg-dry	2	02/26/12 12:20 PM
Toxaphene	ND		0.13	mg/Kg-dry	2	02/26/12 12:20 PM
Surr: Decachlorobiphenyl	70.1		45-135	%REC	2	02/26/12 12:20 PM
Surr: Tetrachloro-m-xylene	76.1		45-124	%REC	2	02/26/12 12:20 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: 1202544

Sample ID: WM-B03-S01-021612

Lab ID: 1202544-21

Collection Date: 02/16/12 09:20 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVA						
Mercury	ND		SW7471 0.017	mg/Kg-dry	1	Prep Date: 02/22/12 Analyst: LR 02/23/12 02:01 PM
METALS BY ICP-MS						
Aluminum	2,800		SW6020A 1.6	mg/Kg-dry	2	Prep Date: 02/22/12 Analyst: RH 02/23/12 02:07 AM
Antimony	ND		0.81	mg/Kg-dry	2	02/23/12 02:07 AM
Arsenic	3.5		0.81	mg/Kg-dry	2	02/23/12 02:07 AM
Barium	21		0.81	mg/Kg-dry	2	02/23/12 02:07 AM
Beryllium	ND		0.32	mg/Kg-dry	2	02/23/12 02:07 AM
Boron	4.1		3.2	mg/Kg-dry	2	02/23/12 02:07 AM
Cadmium	ND		0.32	mg/Kg-dry	2	02/23/12 02:07 AM
Calcium	36,000		810	mg/Kg-dry	20	02/23/12 04:44 PM
Chromium	5.3		0.81	mg/Kg-dry	2	02/23/12 02:07 AM
Cobalt	3.4		0.81	mg/Kg-dry	2	02/23/12 02:07 AM
Copper	5.7		0.81	mg/Kg-dry	2	02/23/12 02:07 AM
Iron	6,500		13	mg/Kg-dry	2	02/23/12 02:07 AM
Lead	9.0		0.81	mg/Kg-dry	2	02/23/12 02:07 AM
Magnesium	9,300		32	mg/Kg-dry	2	02/23/12 02:07 AM
Manganese	140		0.81	mg/Kg-dry	2	02/23/12 02:07 AM
Nickel	8.1		0.81	mg/Kg-dry	2	02/23/12 02:07 AM
Potassium	410		32	mg/Kg-dry	2	02/23/12 02:07 AM
Selenium	ND		0.81	mg/Kg-dry	2	02/23/12 02:07 AM
Silver	ND		0.81	mg/Kg-dry	2	02/23/12 02:07 AM
Sodium	260		32	mg/Kg-dry	2	02/23/12 02:07 AM
Thallium	ND		0.81	mg/Kg-dry	2	02/23/12 02:07 AM
Vanadium	8.3		0.81	mg/Kg-dry	2	02/23/12 02:07 AM
Zinc	24		1.6	mg/Kg-dry	2	02/23/12 02:07 AM
SEMI-VOLATILE ORGANIC COMPOUNDS						
1,1'-Biphenyl	ND		SW8270 0.37	mg/Kg-dry	1	Prep Date: 02/28/12 Analyst: CW 02/28/12 02:14 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
2,4-Dimethylphenol	ND		0.37	mg/Kg-dry	1	02/28/12 02:14 PM
2,4-Dinitrophenol	ND		0.73	mg/Kg-dry	1	02/28/12 02:14 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
2-Chloronaphthalene	ND		0.089	mg/Kg-dry	1	02/28/12 02:14 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
2-Methylnaphthalene	ND		0.089	mg/Kg-dry	1	02/28/12 02:14 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 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: 1202544

Sample ID: WM-B03-S01-021612

Lab ID: 1202544-21

Collection Date: 02/16/12 09:20 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.73	mg/Kg-dry	1	02/28/12 02:14 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
3,3'-Dichlorobenzidine	ND		0.73	mg/Kg-dry	1	02/28/12 02:14 PM
3-Nitroaniline	ND		0.73	mg/Kg-dry	1	02/28/12 02:14 PM
4,6-Dinitro-2-methylphenol	ND		0.37	mg/Kg-dry	1	02/28/12 02:14 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
4-Chloroaniline	ND		0.73	mg/Kg-dry	1	02/28/12 02:14 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
4-Nitroaniline	ND	W	0.73	mg/Kg-dry	1	02/28/12 02:14 PM
4-Nitrophenol	ND		0.73	mg/Kg-dry	1	02/28/12 02:14 PM
Acenaphthene	ND		0.033	mg/Kg-dry	1	02/28/12 02:14 PM
Acenaphthylene	ND		0.033	mg/Kg-dry	1	02/28/12 02:14 PM
Acetophenone	ND		0.37	mg/Kg-dry	1	02/28/12 02:14 PM
Anthracene	ND		0.033	mg/Kg-dry	1	02/28/12 02:14 PM
Atrazine	ND		0.37	mg/Kg-dry	1	02/28/12 02:14 PM
Benzaldehyde	ND		0.37	mg/Kg-dry	1	02/28/12 02:14 PM
Benzo(a)anthracene	ND		0.033	mg/Kg-dry	1	02/28/12 02:14 PM
Benzo(a)pyrene	ND		0.033	mg/Kg-dry	1	02/28/12 02:14 PM
Benzo(b)fluoranthene	ND		0.033	mg/Kg-dry	1	02/28/12 02:14 PM
Benzo(g,h,i)perylene	ND		0.033	mg/Kg-dry	1	02/28/12 02:14 PM
Benzo(k)fluoranthene	ND		0.033	mg/Kg-dry	1	02/28/12 02:14 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
Bis(2-ethylhexyl)phthalate	ND		0.37	mg/Kg-dry	1	02/28/12 02:14 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
Caprolactam	ND		0.37	mg/Kg-dry	1	02/28/12 02:14 PM
Carbazole	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
Chrysene	ND		0.033	mg/Kg-dry	1	02/28/12 02:14 PM
Dibenzo(a,h)anthracene	ND		0.033	mg/Kg-dry	1	02/28/12 02:14 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
Diethyl phthalate	ND		0.37	mg/Kg-dry	1	02/28/12 02:14 PM
Dimethyl phthalate	ND		0.37	mg/Kg-dry	1	02/28/12 02:14 PM
Di-n-butyl phthalate	ND		0.37	mg/Kg-dry	1	02/28/12 02:14 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
Fluoranthene	ND		0.033	mg/Kg-dry	1	02/28/12 02:14 PM
Fluorene	ND		0.033	mg/Kg-dry	1	02/28/12 02:14 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM

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

29
3/13/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202544

Sample ID: WM-B03-S01-021612

Lab ID: 1202544-21

Collection Date: 02/16/12 09:20 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
Hexachlorocyclopentadiene	ND		0.37	mg/Kg-dry	1	02/28/12 02:14 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
Indeno(1,2,3-cd)pyrene	ND		0.033	mg/Kg-dry	1	02/28/12 02:14 PM
Isophorone	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
Naphthalene	ND		0.033	mg/Kg-dry	1	02/28/12 02:14 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
Pentachlorophenol	ND		0.37	mg/Kg-dry	1	02/28/12 02:14 PM
Phenanthrene	ND		0.033	mg/Kg-dry	1	02/28/12 02:14 PM
Phenol	ND		0.18	mg/Kg-dry	1	02/28/12 02:14 PM
Pyrene	ND		0.033	mg/Kg-dry	1	02/28/12 02:14 PM
Surr: 2,4,6-Tribromophenol	77.3		34-140	%REC	1	02/28/12 02:14 PM
Surr: 2-Fluorobiphenyl	71.8		12-100	%REC	1	02/28/12 02:14 PM
Surr: 2-Fluorophenol	77.0		33-117	%REC	1	02/28/12 02:14 PM
Surr: 4-Terphenyl-d14	91.7		25-137	%REC	1	02/28/12 02:14 PM
Surr: Nitrobenzene-d5	76.1		37-107	%REC	1	02/28/12 02:14 PM
Surr: Phenol-d6	77.7		40-106	%REC	1	02/28/12 02:14 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: **BG**

1,1,1-Trichloroethane	ND		0.056	mg/Kg-dry	50	02/21/12 08:56 PM
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg-dry	50	02/21/12 08:56 PM
1,1,2-Trichloroethane	ND		0.11	mg/Kg-dry	50	02/21/12 08:56 PM
1,1,2-Trichlorotrifluoroethane	ND		0.056	mg/Kg-dry	50	02/21/12 08:56 PM
1,1-Dichloroethane	ND		0.056	mg/Kg-dry	50	02/21/12 08:56 PM
1,1-Dichloroethene	ND		0.056	mg/Kg-dry	50	02/21/12 08:56 PM
1,2,4-Trichlorobenzene	ND		0.056	mg/Kg-dry	50	02/21/12 08:56 PM
1,2-Dibromo-3-chloropropane	ND		0.11	mg/Kg-dry	50	02/21/12 08:56 PM
1,2-Dibromoethane	ND		0.084	mg/Kg-dry	50	02/21/12 08:56 PM
1,2-Dichlorobenzene	ND		0.056	mg/Kg-dry	50	02/21/12 08:56 PM
1,2-Dichloroethane	ND		0.056	mg/Kg-dry	50	02/21/12 08:56 PM
1,2-Dichloropropane	ND		0.20	mg/Kg-dry	50	02/21/12 08:56 PM
1,3-Dichlorobenzene	ND		0.056	mg/Kg-dry	50	02/21/12 08:56 PM
1,4-Dichlorobenzene	ND		0.056	mg/Kg-dry	50	02/21/12 08:56 PM
2-Butanone	ND		0.42	mg/Kg-dry	50	02/21/12 08:56 PM
2-Hexanone	ND		0.28	mg/Kg-dry	50	02/21/12 08:56 PM
4-Methyl-2-pentanone	ND		0.28	mg/Kg-dry	50	02/21/12 08:56 PM
Acetone	ND		0.25	mg/Kg-dry	50	02/21/12 08:56 PM
Benzene	ND		0.056	mg/Kg-dry	50	02/21/12 08:56 PM
Bromodichloromethane	ND		0.084	mg/Kg-dry	50	02/21/12 08:56 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: 1202544

Sample ID: WM-B03-S01-021612

Lab ID: 1202544-21

Collection Date: 02/16/12 09:20 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.056	mg/Kg-dry	50	02/21/12 08:56 PM
Bromomethane	ND		0.084	mg/Kg-dry	50	02/21/12 08:56 PM
Carbon disulfide	ND		0.084	mg/Kg-dry	50	02/21/12 08:56 PM
Carbon tetrachloride	ND		0.056	mg/Kg-dry	50	02/21/12 08:56 PM
Chlorobenzene	ND		0.084	mg/Kg-dry	50	02/21/12 08:56 PM
Chloroethane	ND		0.17	mg/Kg-dry	50	02/21/12 08:56 PM
Chloroform	ND		0.056	mg/Kg-dry	50	02/21/12 08:56 PM
Chloromethane	ND		0.17	mg/Kg-dry	50	02/21/12 08:56 PM
cis-1,2-Dichloroethene	ND		0.11	mg/Kg-dry	50	02/21/12 08:56 PM
cis-1,3-Dichloropropene	ND		0.056	mg/Kg-dry	50	02/21/12 08:56 PM
Cyclohexane	ND		0.056	mg/Kg-dry	50	02/21/12 08:56 PM
Dibromochloromethane	ND		0.11	mg/Kg-dry	50	02/21/12 08:56 PM
Dichlorodifluoromethane	ND		0.056	mg/Kg-dry	50	02/21/12 08:56 PM
Ethylbenzene	ND		0.11	mg/Kg-dry	50	02/21/12 08:56 PM
Isopropylbenzene	ND		0.056	mg/Kg-dry	50	02/21/12 08:56 PM
Methyl acetate	ND		0.17	mg/Kg-dry	50	02/21/12 08:56 PM
Methyl tert-butyl ether	ND		0.084	mg/Kg-dry	50	02/21/12 08:56 PM
Methylcyclohexane	ND		1.1	mg/Kg-dry	50	02/21/12 08:56 PM
Methylene chloride	ND		0.11	mg/Kg-dry	50	02/21/12 08:56 PM
Styrene	ND		0.084	mg/Kg-dry	50	02/21/12 08:56 PM
Tetrachloroethene	ND		0.056	mg/Kg-dry	50	02/21/12 08:56 PM
Toluene	ND		0.084	mg/Kg-dry	50	02/21/12 08:56 PM
trans-1,2-Dichloroethene	ND		0.056	mg/Kg-dry	50	02/21/12 08:56 PM
trans-1,3-Dichloropropene	ND		0.084	mg/Kg-dry	50	02/21/12 08:56 PM
Trichloroethene	ND		0.056	mg/Kg-dry	50	02/21/12 08:56 PM
Trichlorofluoromethane	ND		0.056	mg/Kg-dry	50	02/21/12 08:56 PM
Vinyl chloride	ND		0.11	mg/Kg-dry	50	02/21/12 08:56 PM
Xylenes, Total	ND		0.17	mg/Kg-dry	50	02/21/12 08:56 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	98.1		70-120	%REC	50	02/21/12 08:56 PM
<i>Surr: 4-Bromofluorobenzene</i>	98.8		75-120	%REC	50	02/21/12 08:56 PM
<i>Surr: Dibromofluoromethane</i>	91.7		85-115	%REC	50	02/21/12 08:56 PM
<i>Surr: Toluene-d8</i>	103		85-115	%REC	50	02/21/12 08:56 PM

CHROMIUM, HEXAVALENT

Chromium, Hexavalent **SW7196A** Prep Date: 02/20/12 Analyst: **MB**
 ND 0.56 mg/Kg-dry 1 02/23/12 12:01 PM

MOISTURE

Moisture **A2540 G** Analyst: **CG**
 10 0.050 % of sample 1 02/20/12 01:42 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: 1202544

Sample ID: WM-B03-S02-021612

Lab ID: 1202544-22

Collection Date: 02/16/12 09:10 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/23/12	Analyst: JD
2,4,5-T	ND		0.0058	mg/Kg-dry	1	02/24/12 07:17 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/24/12 07:17 PM
2,4-D	ND		0.0058	mg/Kg-dry	1	02/24/12 07:17 PM
Surr: DCAA	113		30-150	%REC	1	02/24/12 07:17 PM
PCBS			SW8082		Prep Date: 02/23/12	Analyst: JD
Aroclor 1016	ND		0.047	mg/Kg-dry	1	02/26/12 08:10 AM
Aroclor 1221	ND		0.047	mg/Kg-dry	1	02/26/12 08:10 AM
Aroclor 1232	ND		0.047	mg/Kg-dry	1	02/26/12 08:10 AM
Aroclor 1242	ND		0.047	mg/Kg-dry	1	02/26/12 08:10 AM
Aroclor 1248	ND		0.047	mg/Kg-dry	1	02/26/12 08:10 AM
Aroclor 1254	0.32		0.047	mg/Kg-dry	1	02/26/12 08:10 AM
Aroclor 1260	ND		0.047	mg/Kg-dry	1	02/26/12 08:10 AM
Surr: Decachlorobiphenyl	82.1		40-140	%REC	1	02/26/12 08:10 AM
PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
4,4'-DDD	ND		0.012	mg/Kg-dry	1	02/26/12 12:35 PM
4,4'-DDE	ND		0.012	mg/Kg-dry	1	02/26/12 12:35 PM
4,4'-DDT	ND		0.012	mg/Kg-dry	1	02/26/12 12:35 PM
Aldrin	ND		0.012	mg/Kg-dry	1	02/26/12 12:35 PM
alpha-BHC	ND		0.012	mg/Kg-dry	1	02/26/12 12:35 PM
alpha-Chlordane	ND		0.012	mg/Kg-dry	1	02/26/12 12:35 PM
beta-BHC	ND		0.012	mg/Kg-dry	1	02/26/12 12:35 PM
Chlordane, Technical	ND		0.029	mg/Kg-dry	1	02/26/12 12:35 PM
delta-BHC	ND		0.012	mg/Kg-dry	1	02/26/12 12:35 PM
Dieldrin	ND		0.012	mg/Kg-dry	1	02/26/12 12:35 PM
Endosulfan I	ND		0.012	mg/Kg-dry	1	02/26/12 12:35 PM
Endosulfan II	ND		0.012	mg/Kg-dry	1	02/26/12 12:35 PM
Endosulfan sulfate	ND		0.012	mg/Kg-dry	1	02/26/12 12:35 PM
Endrin	ND		0.012	mg/Kg-dry	1	02/26/12 12:35 PM
Endrin aldehyde	ND		0.012	mg/Kg-dry	1	02/26/12 12:35 PM
Endrin ketone	ND		0.012	mg/Kg-dry	1	02/26/12 12:35 PM
gamma-BHC (Lindane)	ND		0.012	mg/Kg-dry	1	02/26/12 12:35 PM
gamma-Chlordane	ND		0.012	mg/Kg-dry	1	02/26/12 12:35 PM
Heptachlor	ND		0.012	mg/Kg-dry	1	02/26/12 12:35 PM
Heptachlor epoxide	ND		0.012	mg/Kg-dry	1	02/26/12 12:35 PM
Methoxychlor	ND		0.012	mg/Kg-dry	1	02/26/12 12:35 PM
Toxaphene	ND		0.071	mg/Kg-dry	1	02/26/12 12:35 PM
Surr: Decachlorobiphenyl	61.1		45-135	%REC	1	02/26/12 12:35 PM
Surr: Tetrachloro-m-xylene	69.1		45-124	%REC	1	02/26/12 12:35 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: 1202544

Sample ID: WM-B03-S02-021612

Lab ID: 1202544-22

Collection Date: 02/16/12 09:10 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/22/12	Analyst: LR
Mercury	ND		0.020	mg/Kg-dry	1	02/23/12 02:03 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/22/12	Analyst: RH
Aluminum	3,200		1.8	mg/Kg-dry	2	02/23/12 02:13 AM
Antimony	ND		0.88	mg/Kg-dry	2	02/23/12 02:13 AM
Arsenic	3.7		0.88	mg/Kg-dry	2	02/23/12 02:13 AM
Barium	24		0.88	mg/Kg-dry	2	02/23/12 02:13 AM
Beryllium	ND		0.35	mg/Kg-dry	2	02/23/12 02:13 AM
Boron	19		3.5	mg/Kg-dry	2	02/23/12 02:13 AM
Cadmium	ND		0.35	mg/Kg-dry	2	02/23/12 02:13 AM
Calcium	8,700		88	mg/Kg-dry	2	02/23/12 02:13 AM
Chromium	6.1		0.88	mg/Kg-dry	2	02/23/12 02:13 AM
Cobalt	3.6		0.88	mg/Kg-dry	2	02/23/12 02:13 AM
Copper	5.5		0.88	mg/Kg-dry	2	02/23/12 02:13 AM
Iron	7,400		14	mg/Kg-dry	2	02/23/12 02:13 AM
Lead	4.3		0.88	mg/Kg-dry	2	02/23/12 02:13 AM
Magnesium	1,900		35	mg/Kg-dry	2	02/23/12 02:13 AM
Manganese	130		0.88	mg/Kg-dry	2	02/23/12 02:13 AM
Nickel	8.9		0.88	mg/Kg-dry	2	02/23/12 02:13 AM
Potassium	470		35	mg/Kg-dry	2	02/23/12 02:13 AM
Selenium	ND		0.88	mg/Kg-dry	2	02/23/12 02:13 AM
Silver	ND		0.88	mg/Kg-dry	2	02/23/12 02:13 AM
Sodium	290		35	mg/Kg-dry	2	02/23/12 02:13 AM
Thallium	ND		0.88	mg/Kg-dry	2	02/23/12 02:13 AM
Vanadium	8.5		0.88	mg/Kg-dry	2	02/23/12 02:13 AM
Zinc	24		1.8	mg/Kg-dry	2	02/23/12 02:13 AM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/21/12	Analyst: HL
1,1'-Biphenyl	ND		0.39	mg/Kg-dry	1	02/25/12 01:34 PM
2,4,5-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
2,4,6-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
2,4-Dichlorophenol	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
2,4-Dimethylphenol	ND		0.39	mg/Kg-dry	1	02/25/12 01:34 PM
2,4-Dinitrophenol	ND		0.78	mg/Kg-dry	1	02/25/12 01:34 PM
2,4-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
2,6-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
2-Chloronaphthalene	ND		0.094	mg/Kg-dry	1	02/25/12 01:34 PM
2-Chlorophenol	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
2-Methylnaphthalene	ND		0.094	mg/Kg-dry	1	02/25/12 01:34 PM
2-Methylphenol	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 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: 1202544

Sample ID: WM-B03-S02-021612

Lab ID: 1202544-22

Collection Date: 02/16/12 09:10 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.78	mg/Kg-dry	1	02/25/12 01:34 PM
2-Nitrophenol	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
3,3'-Dichlorobenzidine	ND		0.78	mg/Kg-dry	1	02/25/12 01:34 PM
3-Nitroaniline	ND		0.78	mg/Kg-dry	1	02/25/12 01:34 PM
4,6-Dinitro-2-methylphenol	ND		0.39	mg/Kg-dry	1	02/25/12 01:34 PM
4-Bromophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
4-Chloro-3-methylphenol	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
4-Chloroaniline	ND		0.78	mg/Kg-dry	1	02/25/12 01:34 PM
4-Chlorophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
4-Methylphenol	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
4-Nitroaniline	ND	UJ	0.78	mg/Kg-dry	1	02/25/12 01:34 PM
4-Nitrophenol	ND		0.78	mg/Kg-dry	1	02/25/12 01:34 PM
Acenaphthene	ND		0.035	mg/Kg-dry	1	02/25/12 01:34 PM
Acenaphthylene	ND		0.035	mg/Kg-dry	1	02/25/12 01:34 PM
Acetophenone	ND		0.39	mg/Kg-dry	1	02/25/12 01:34 PM
Anthracene	ND		0.035	mg/Kg-dry	1	02/25/12 01:34 PM
Atrazine	ND		0.39	mg/Kg-dry	1	02/25/12 01:34 PM
Benzaldehyde	ND		0.39	mg/Kg-dry	1	02/25/12 01:34 PM
Benzo(a)anthracene	ND		0.035	mg/Kg-dry	1	02/25/12 01:34 PM
Benzo(a)pyrene	ND		0.035	mg/Kg-dry	1	02/25/12 01:34 PM
Benzo(b)fluoranthene	ND		0.035	mg/Kg-dry	1	02/25/12 01:34 PM
Benzo(g,h,i)perylene	ND		0.035	mg/Kg-dry	1	02/25/12 01:34 PM
Benzo(k)fluoranthene	ND		0.035	mg/Kg-dry	1	02/25/12 01:34 PM
Bis(2-chloroethoxy)methane	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
Bis(2-chloroethyl)ether	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
Bis(2-chloroisopropyl)ether	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
Bis(2-ethylhexyl)phthalate	ND		0.39	mg/Kg-dry	1	02/25/12 01:34 PM
Butyl benzyl phthalate	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
Caprolactam	ND		0.39	mg/Kg-dry	1	02/25/12 01:34 PM
Carbazole	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
Chrysene	ND		0.035	mg/Kg-dry	1	02/25/12 01:34 PM
Dibenzo(a,h)anthracene	ND		0.035	mg/Kg-dry	1	02/25/12 01:34 PM
Dibenzofuran	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
Diethyl phthalate	ND		0.39	mg/Kg-dry	1	02/25/12 01:34 PM
Dimethyl phthalate	ND		0.39	mg/Kg-dry	1	02/25/12 01:34 PM
Di-n-butyl phthalate	ND		0.39	mg/Kg-dry	1	02/25/12 01:34 PM
Di-n-octyl phthalate	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
Fluoranthene	ND		0.035	mg/Kg-dry	1	02/25/12 01:34 PM
Fluorene	ND		0.035	mg/Kg-dry	1	02/25/12 01:34 PM
Hexachlorobenzene	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM

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

29
3/13/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202544

Sample ID: WM-B03-S02-021612

Lab ID: 1202544-22

Collection Date: 02/16/12 09:10 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
Hexachlorocyclopentadiene	ND		0.39	mg/Kg-dry	1	02/25/12 01:34 PM
Hexachloroethane	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
Indeno(1,2,3-cd)pyrene	ND		0.035	mg/Kg-dry	1	02/25/12 01:34 PM
Isophorone	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
Naphthalene	ND		0.035	mg/Kg-dry	1	02/25/12 01:34 PM
Nitrobenzene	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
N-Nitrosodi-n-propylamine	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
N-Nitrosodiphenylamine	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
Pentachlorophenol	ND		0.39	mg/Kg-dry	1	02/25/12 01:34 PM
Phenanthrene	ND		0.035	mg/Kg-dry	1	02/25/12 01:34 PM
Phenol	ND		0.19	mg/Kg-dry	1	02/25/12 01:34 PM
Pyrene	ND		0.035	mg/Kg-dry	1	02/25/12 01:34 PM
Surr: 2,4,6-Tribromophenol	83.1		34-140	%REC	1	02/25/12 01:34 PM
Surr: 2-Fluorobiphenyl	68.6		12-100	%REC	1	02/25/12 01:34 PM
Surr: 2-Fluorophenol	78.1		33-117	%REC	1	02/25/12 01:34 PM
Surr: 4-Terphenyl-d14	73.5		25-137	%REC	1	02/25/12 01:34 PM
Surr: Nitrobenzene-d5	69.9		37-107	%REC	1	02/25/12 01:34 PM
Surr: Phenol-d6	74.1		40-106	%REC	1	02/25/12 01:34 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: BG

1,1,1-Trichloroethane	ND		0.060	mg/Kg-dry	50	02/21/12 08:20 AM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/21/12 08:20 AM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/21/12 08:20 AM
1,1,2-Trichlorotrifluoroethane	ND		0.060	mg/Kg-dry	50	02/21/12 08:20 AM
1,1-Dichloroethane	ND		0.060	mg/Kg-dry	50	02/21/12 08:20 AM
1,1-Dichloroethene	ND		0.060	mg/Kg-dry	50	02/21/12 08:20 AM
1,2,4-Trichlorobenzene	ND		0.060	mg/Kg-dry	50	02/21/12 08:20 AM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/21/12 08:20 AM
1,2-Dibromoethane	ND		0.090	mg/Kg-dry	50	02/21/12 08:20 AM
1,2-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	02/21/12 08:20 AM
1,2-Dichloroethane	ND		0.060	mg/Kg-dry	50	02/21/12 08:20 AM
1,2-Dichloropropane	ND		0.21	mg/Kg-dry	50	02/21/12 08:20 AM
1,3-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	02/21/12 08:20 AM
1,4-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	02/21/12 08:20 AM
2-Butanone	ND		0.45	mg/Kg-dry	50	02/21/12 08:20 AM
2-Hexanone	ND		0.30	mg/Kg-dry	50	02/21/12 08:20 AM
4-Methyl-2-pentanone	ND		0.30	mg/Kg-dry	50	02/21/12 08:20 AM
Acetone	ND		0.27	mg/Kg-dry	50	02/21/12 08:20 AM
Benzene	ND		0.060	mg/Kg-dry	50	02/21/12 08:20 AM
Bromodichloromethane	ND		0.090	mg/Kg-dry	50	02/21/12 08:20 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: 1202544

Sample ID: WM-B03-S02-021612

Lab ID: 1202544-22

Collection Date: 02/16/12 09:10 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.060	mg/Kg-dry	50	02/21/12 08:20 AM
Bromomethane	ND		0.090	mg/Kg-dry	50	02/21/12 08:20 AM
Carbon disulfide	ND		0.090	mg/Kg-dry	50	02/21/12 08:20 AM
Carbon tetrachloride	ND		0.060	mg/Kg-dry	50	02/21/12 08:20 AM
Chlorobenzene	ND		0.090	mg/Kg-dry	50	02/21/12 08:20 AM
Chloroethane	ND		0.18	mg/Kg-dry	50	02/21/12 08:20 AM
Chloroform	ND		0.060	mg/Kg-dry	50	02/21/12 08:20 AM
Chloromethane	ND		0.18	mg/Kg-dry	50	02/21/12 08:20 AM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/21/12 08:20 AM
cis-1,3-Dichloropropene	ND		0.060	mg/Kg-dry	50	02/21/12 08:20 AM
Cyclohexane	ND		0.060	mg/Kg-dry	50	02/21/12 08:20 AM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/21/12 08:20 AM
Dichlorodifluoromethane	ND		0.060	mg/Kg-dry	50	02/21/12 08:20 AM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/21/12 08:20 AM
Isopropylbenzene	ND		0.060	mg/Kg-dry	50	02/21/12 08:20 AM
Methyl acetate	ND		0.060	mg/Kg-dry	50	02/21/12 08:20 AM
Methyl tert-butyl ether	ND		0.090	mg/Kg-dry	50	02/21/12 08:20 AM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/21/12 08:20 AM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/21/12 08:20 AM
Styrene	ND		0.090	mg/Kg-dry	50	02/21/12 08:20 AM
Tetrachloroethene	ND		0.060	mg/Kg-dry	50	02/21/12 08:20 AM
Toluene	ND		0.090	mg/Kg-dry	50	02/21/12 08:20 AM
trans-1,2-Dichloroethene	ND		0.060	mg/Kg-dry	50	02/21/12 08:20 AM
trans-1,3-Dichloropropene	ND		0.090	mg/Kg-dry	50	02/21/12 08:20 AM
Trichloroethene	ND		0.060	mg/Kg-dry	50	02/21/12 08:20 AM
Trichlorofluoromethane	ND		0.060	mg/Kg-dry	50	02/21/12 08:20 AM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/21/12 08:20 AM
Xylenes, Total	ND		0.18	mg/Kg-dry	50	02/21/12 08:20 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	97.9		70-120	%REC	50	02/21/12 08:20 AM
<i>Surr: 4-Bromofluorobenzene</i>	99.4		75-120	%REC	50	02/21/12 08:20 AM
<i>Surr: Dibromofluoromethane</i>	90.6		85-115	%REC	50	02/21/12 08:20 AM
<i>Surr: Toluene-d8</i>	103		85-115	%REC	50	02/21/12 08:20 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/20/12	Analyst: MB
Chromium, Hexavalent	ND		0.58	mg/Kg-dry	1	02/23/12 12:01 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	17		0.050	% of sample	1	02/20/12 01:42 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: 1202544

Sample ID: GC-B01-S01-021612

Lab ID: 1202544-23

Collection Date: 02/16/12 03:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/23/12	Analyst: JD
2,4,5-T	ND		0.0056	mg/Kg-dry	1	02/24/12 07:17 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/24/12 07:17 PM
2,4-D	ND		0.0056	mg/Kg-dry	1	02/24/12 07:17 PM
Surr: DCAA	82.8		30-150	%REC	1	02/24/12 07:17 PM
PCBS			SW8082		Prep Date: 02/23/12	Analyst: JD
Aroclor 1016	ND		0.043	mg/Kg-dry	1	02/26/12 11:29 AM
Aroclor 1221	ND		0.043	mg/Kg-dry	1	02/26/12 11:29 AM
Aroclor 1232	ND		0.043	mg/Kg-dry	1	02/26/12 11:29 AM
Aroclor 1242	ND		0.043	mg/Kg-dry	1	02/26/12 11:29 AM
Aroclor 1248	ND		0.043	mg/Kg-dry	1	02/26/12 11:29 AM
Aroclor 1254	0.96		0.043	mg/Kg-dry	1	02/26/12 11:29 AM
Aroclor 1260	ND		0.043	mg/Kg-dry	1	02/26/12 11:29 AM
Surr: Decachlorobiphenyl	95.1		40-140	%REC	1	02/26/12 11:29 AM
PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
4,4'-DDD	ND		0.11	mg/Kg-dry	10	02/28/12 09:59 PM
4,4'-DDE	ND		0.11	mg/Kg-dry	10	02/28/12 09:59 PM
4,4'-DDT	ND		0.11	mg/Kg-dry	10	02/28/12 09:59 PM
Aldrin	ND		0.11	mg/Kg-dry	10	02/28/12 09:59 PM
alpha-BHC	ND		0.11	mg/Kg-dry	10	02/28/12 09:59 PM
alpha-Chlordane	ND		0.11	mg/Kg-dry	10	02/28/12 09:59 PM
beta-BHC	ND		0.11	mg/Kg-dry	10	02/28/12 09:59 PM
Chlordane, Technical	1.9		0.27	mg/Kg-dry	10	02/28/12 09:59 PM
delta-BHC	ND		0.11	mg/Kg-dry	10	02/28/12 09:59 PM
Dieldrin	ND		0.11	mg/Kg-dry	10	02/28/12 09:59 PM
Endosulfan I	ND		0.11	mg/Kg-dry	10	02/28/12 09:59 PM
Endosulfan II	ND		0.11	mg/Kg-dry	10	02/28/12 09:59 PM
Endosulfan sulfate	ND		0.11	mg/Kg-dry	10	02/28/12 09:59 PM
Endrin	ND		0.11	mg/Kg-dry	10	02/28/12 09:59 PM
Endrin aldehyde	ND		0.11	mg/Kg-dry	10	02/28/12 09:59 PM
Endrin ketone	ND		0.11	mg/Kg-dry	10	02/28/12 09:59 PM
gamma-BHC (Lindane)	ND		0.11	mg/Kg-dry	10	02/28/12 09:59 PM
gamma-Chlordane	ND		0.11	mg/Kg-dry	10	02/28/12 09:59 PM
Heptachlor	ND		0.11	mg/Kg-dry	10	02/28/12 09:59 PM
Heptachlor epoxide	ND		0.11	mg/Kg-dry	10	02/28/12 09:59 PM
Methoxychlor	ND		0.11	mg/Kg-dry	10	02/28/12 09:59 PM
Toxaphene	ND		0.65	mg/Kg-dry	10	02/28/12 09:59 PM
Surr: Decachlorobiphenyl	90.1		45-135	%REC	10	02/28/12 09:59 PM
Surr: Tetrachloro-m-xylene	100		45-124	%REC	10	02/28/12 09:59 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
 Sample ID: GC-B01-S01-021612
 Collection Date: 02/16/12 03:15 PM

Work Order: 1202544
 Lab ID: 1202544-23
 Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/22/12	Analyst: LR
Mercury	0.13		0.019	mg/Kg-dry	1	02/23/12 02:06 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/21/12	Analyst: RH
Aluminum	5,600		1.6	mg/Kg-dry	2	02/22/12 08:07 PM
Antimony	ND	UJ	0.81	mg/Kg-dry	2	02/22/12 08:07 PM
Arsenic	5.6	J	0.81	mg/Kg-dry	2	02/22/12 08:07 PM
Barium	140		0.81	mg/Kg-dry	2	02/22/12 08:07 PM
Beryllium	ND		3.2	mg/Kg-dry	20	02/23/12 05:02 PM
Boron	ND		32	mg/Kg-dry	20	02/23/12 05:02 PM
Cadmium	ND		0.32	mg/Kg-dry	2	02/22/12 08:07 PM
Calcium	47,000		810	mg/Kg-dry	20	02/23/12 05:02 PM
Chromium	12	J	0.81	mg/Kg-dry	2	02/22/12 08:07 PM
Cobalt	4.8		0.81	mg/Kg-dry	2	02/22/12 08:07 PM
Copper	18	J	0.81	mg/Kg-dry	2	02/22/12 08:07 PM
Iron	13,000		13	mg/Kg-dry	2	02/22/12 08:07 PM
Lead	61		0.81	mg/Kg-dry	2	02/22/12 08:07 PM
Magnesium	9,100		32	mg/Kg-dry	2	02/22/12 08:07 PM
Manganese	250		0.81	mg/Kg-dry	2	02/22/12 08:07 PM
Nickel	13		0.81	mg/Kg-dry	2	02/22/12 08:07 PM
Potassium	810		32	mg/Kg-dry	2	02/22/12 08:07 PM
Selenium	0.86	J	0.81	mg/Kg-dry	2	02/22/12 08:07 PM
Silver	ND	UJ	0.81	mg/Kg-dry	2	02/22/12 08:07 PM
Sodium	73		32	mg/Kg-dry	2	02/22/12 08:07 PM
Thallium	ND		0.81	mg/Kg-dry	2	02/22/12 08:07 PM
Vanadium	15		0.81	mg/Kg-dry	2	02/22/12 08:07 PM
Zinc	110		1.6	mg/Kg-dry	2	02/22/12 08:07 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/21/12	Analyst: HL
1,1'-Biphenyl	ND		1.8	mg/Kg-dry	5	02/27/12 01:38 PM
2,4,5-Trichlorophenol	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM
2,4,6-Trichlorophenol	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM
2,4-Dichlorophenol	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM
2,4-Dimethylphenol	ND		1.8	mg/Kg-dry	5	02/27/12 01:38 PM
2,4-Dinitrophenol	ND	UJ	3.6	mg/Kg-dry	5	02/27/12 01:38 PM
2,4-Dinitrotoluene	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM
2,6-Dinitrotoluene	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM
2-Chloronaphthalene	ND		0.44	mg/Kg-dry	5	02/27/12 01:38 PM
2-Chlorophenol	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM
2-Methylnaphthalene	ND		0.44	mg/Kg-dry	5	02/27/12 01:38 PM
2-Methylphenol	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM

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

24
3/13/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc
 Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
 Sample ID: GC-B01-S01-021612
 Collection Date: 02/16/12 03:15 PM

Work Order: 1202544
 Lab ID: 1202544-23
 Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		3.6	mg/Kg-dry	5	02/27/12 01:38 PM
2-Nitrophenol	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM
3,3'-Dichlorobenzidine	ND		3.6	mg/Kg-dry	5	02/27/12 01:38 PM
3-Nitroaniline	ND		3.6	mg/Kg-dry	5	02/27/12 01:38 PM
4,6-Dinitro-2-methylphenol	ND		1.8	mg/Kg-dry	5	02/27/12 01:38 PM
4-Bromophenyl phenyl ether	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM
4-Chloro-3-methylphenol	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM
4-Chloroaniline	ND		3.6	mg/Kg-dry	5	02/27/12 01:38 PM
4-Chlorophenyl phenyl ether	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM
4-Methylphenol	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM
4-Nitroaniline	ND	W	3.6	mg/Kg-dry	5	02/27/12 01:38 PM
4-Nitrophenol	ND		3.6	mg/Kg-dry	5	02/27/12 01:38 PM
Acenaphthene	ND		0.17	mg/Kg-dry	5	02/27/12 01:38 PM
Acenaphthylene	ND		0.17	mg/Kg-dry	5	02/27/12 01:38 PM
Acetophenone	ND		1.8	mg/Kg-dry	5	02/27/12 01:38 PM
Anthracene	ND		0.17	mg/Kg-dry	5	02/27/12 01:38 PM
Atrazine	ND		1.8	mg/Kg-dry	5	02/27/12 01:38 PM
Benzaldehyde	ND		1.8	mg/Kg-dry	5	02/27/12 01:38 PM
Benzo(a)anthracene	0.19		0.17	mg/Kg-dry	5	02/27/12 01:38 PM
Benzo(a)pyrene	ND		3.3	mg/Kg-dry	100	02/25/12 05:59 PM
Benzo(b)fluoranthene	ND		3.3	mg/Kg-dry	100	02/25/12 05:59 PM
Benzo(g,h,i)perylene	ND		3.3	mg/Kg-dry	100	02/25/12 05:59 PM
Benzo(k)fluoranthene	ND		3.3	mg/Kg-dry	100	02/25/12 05:59 PM
Bis(2-chloroethoxy)methane	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM
Bis(2-chloroethyl)ether	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM
Bis(2-chloroisopropyl)ether	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM
Bis(2-ethylhexyl)phthalate	ND		1.8	mg/Kg-dry	5	02/27/12 01:38 PM
Butyl benzyl phthalate	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM
Caprolactam	ND		1.8	mg/Kg-dry	5	02/27/12 01:38 PM
Carbazole	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM
Chrysene	0.24		0.17	mg/Kg-dry	5	02/27/12 01:38 PM
Dibenzo(a,h)anthracene	ND		3.3	mg/Kg-dry	100	02/25/12 05:59 PM
Dibenzofuran	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM
Diethyl phthalate	ND		1.8	mg/Kg-dry	5	02/27/12 01:38 PM
Dimethyl phthalate	ND		1.8	mg/Kg-dry	5	02/27/12 01:38 PM
Di-n-butyl phthalate	ND		1.8	mg/Kg-dry	5	02/27/12 01:38 PM
Di-n-octyl phthalate	ND		18	mg/Kg-dry	100	02/25/12 05:59 PM
Fluoranthene	0.43		0.17	mg/Kg-dry	5	02/27/12 01:38 PM
Fluorene	ND		0.17	mg/Kg-dry	5	02/27/12 01:38 PM
Hexachlorobenzene	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM

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

24
3/13/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202544

Sample ID: GC-B01-S01-021612

Lab ID: 1202544-23

Collection Date: 02/16/12 03:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM
Hexachlorocyclopentadiene	ND		1.8	mg/Kg-dry	5	02/27/12 01:38 PM
Hexachloroethane	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM
Indeno(1,2,3-cd)pyrene	ND		3.3	mg/Kg-dry	100	02/25/12 05:59 PM
Isophorone	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM
Naphthalene	ND		0.17	mg/Kg-dry	5	02/27/12 01:38 PM
Nitrobenzene	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM
N-Nitrosodi-n-propylamine	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM
N-Nitrosodiphenylamine	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM
Pentachlorophenol	ND		1.8	mg/Kg-dry	5	02/27/12 01:38 PM
Phenanthrene	0.21		0.17	mg/Kg-dry	5	02/27/12 01:38 PM
Phenol	ND		0.88	mg/Kg-dry	5	02/27/12 01:38 PM
Pyrene	0.47		0.17	mg/Kg-dry	5	02/27/12 01:38 PM
Surr: 2,4,6-Tribromophenol	93.1		34-140	%REC	5	02/27/12 01:38 PM
Surr: 2-Fluorobiphenyl	90.6		12-100	%REC	5	02/27/12 01:38 PM
Surr: 2-Fluorophenol	70.7		33-117	%REC	5	02/27/12 01:38 PM
Surr: 4-Terphenyl-d14	135		25-137	%REC	5	02/27/12 01:38 PM
Surr: Nitrobenzene-d5	80.4		37-107	%REC	5	02/27/12 01:38 PM
Surr: Phenol-d6	77.6		40-106	%REC	5	02/27/12 01:38 PM
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: BG
1,1,1-Trichloroethane	ND		0.056	mg/Kg-dry	50	02/21/12 09:09 AM
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg-dry	50	02/21/12 09:09 AM
1,1,2-Trichloroethane	ND		0.11	mg/Kg-dry	50	02/21/12 09:09 AM
1,1,2-Trichlorotrifluoroethane	ND		0.056	mg/Kg-dry	50	02/21/12 09:09 AM
1,1-Dichloroethane	ND		0.056	mg/Kg-dry	50	02/21/12 09:09 AM
1,1-Dichloroethene	ND	UJ	0.056	mg/Kg-dry	50	02/21/12 09:09 AM
1,2,4-Trichlorobenzene	ND		0.056	mg/Kg-dry	50	02/21/12 09:09 AM
1,2-Dibromo-3-chloropropane	ND		0.11	mg/Kg-dry	50	02/21/12 09:09 AM
1,2-Dibromoethane	ND		0.084	mg/Kg-dry	50	02/21/12 09:09 AM
1,2-Dichlorobenzene	ND		0.056	mg/Kg-dry	50	02/21/12 09:09 AM
1,2-Dichloroethane	ND		0.056	mg/Kg-dry	50	02/21/12 09:09 AM
1,2-Dichloropropane	ND		0.20	mg/Kg-dry	50	02/21/12 09:09 AM
1,3-Dichlorobenzene	ND		0.056	mg/Kg-dry	50	02/21/12 09:09 AM
1,4-Dichlorobenzene	ND		0.056	mg/Kg-dry	50	02/21/12 09:09 AM
2-Butanone	ND		0.42	mg/Kg-dry	50	02/21/12 09:09 AM
2-Hexanone	ND		0.28	mg/Kg-dry	50	02/21/12 09:09 AM
4-Methyl-2-pentanone	ND		0.28	mg/Kg-dry	50	02/21/12 09:09 AM
Acetone	ND	UJ	0.25	mg/Kg-dry	50	02/21/12 09:09 AM
Benzene	ND		0.056	mg/Kg-dry	50	02/21/12 09:09 AM
Bromodichloromethane	ND		0.084	mg/Kg-dry	50	02/21/12 09:09 AM

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

AM
3/13/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202544

Sample ID: GC-B01-S01-021612

Lab ID: 1202544-23

Collection Date: 02/16/12 03:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.056	mg/Kg-dry	50	02/21/12 09:09 AM
Bromomethane	ND		0.084	mg/Kg-dry	50	02/21/12 09:09 AM
Carbon disulfide	ND	VJ	0.084	mg/Kg-dry	50	02/21/12 09:09 AM
Carbon tetrachloride	ND		0.056	mg/Kg-dry	50	02/21/12 09:09 AM
Chlorobenzene	ND		0.084	mg/Kg-dry	50	02/21/12 09:09 AM
Chloroethane	ND		0.17	mg/Kg-dry	50	02/21/12 09:09 AM
Chloroform	ND		0.056	mg/Kg-dry	50	02/21/12 09:09 AM
Chloromethane	ND		0.17	mg/Kg-dry	50	02/21/12 09:09 AM
cis-1,2-Dichloroethene	ND		0.11	mg/Kg-dry	50	02/21/12 09:09 AM
cis-1,3-Dichloropropene	ND		0.056	mg/Kg-dry	50	02/21/12 09:09 AM
Cyclohexane	ND		0.056	mg/Kg-dry	50	02/21/12 09:09 AM
Dibromochloromethane	ND		0.11	mg/Kg-dry	50	02/21/12 09:09 AM
Dichlorodifluoromethane	ND		0.056	mg/Kg-dry	50	02/21/12 09:09 AM
Ethylbenzene	ND		0.11	mg/Kg-dry	50	02/21/12 09:09 AM
Isopropylbenzene	ND		0.056	mg/Kg-dry	50	02/21/12 09:09 AM
Methyl acetate	ND		0.056	mg/Kg-dry	50	02/21/12 09:09 AM
Methyl tert-butyl ether	ND	VJ	0.084	mg/Kg-dry	50	02/21/12 09:09 AM
Methylcyclohexane	ND		1.1	mg/Kg-dry	50	02/21/12 09:09 AM
Methylene chloride	ND	VJ	0.11	mg/Kg-dry	50	02/21/12 09:09 AM
Styrene	ND		0.084	mg/Kg-dry	50	02/21/12 09:09 AM
Tetrachloroethene	ND		0.056	mg/Kg-dry	50	02/21/12 09:09 AM
Toluene	ND		0.084	mg/Kg-dry	50	02/21/12 09:09 AM
trans-1,2-Dichloroethene	ND	VJ	0.056	mg/Kg-dry	50	02/21/12 09:09 AM
trans-1,3-Dichloropropene	ND		0.084	mg/Kg-dry	50	02/21/12 09:09 AM
Trichloroethene	ND		0.056	mg/Kg-dry	50	02/21/12 09:09 AM
Trichlorofluoromethane	ND	VJ	0.056	mg/Kg-dry	50	02/21/12 09:09 AM
Vinyl chloride	ND		0.11	mg/Kg-dry	50	02/21/12 09:09 AM
Xylenes, Total	ND		0.17	mg/Kg-dry	50	02/21/12 09:09 AM
Surr: 1,2-Dichloroethane-d4	98.3		70-120	%REC	50	02/21/12 09:09 AM
Surr: 4-Bromofluorobenzene	99.1		75-120	%REC	50	02/21/12 09:09 AM
Surr: Dibromofluoromethane	91.2		85-115	%REC	50	02/21/12 09:09 AM
Surr: Toluene-d8	103		85-115	%REC	50	02/21/12 09:09 AM

CHROMIUM, HEXAVALENT

Chromium, Hexavalent ND SW7196A mg/Kg-dry 1 Prep Date: 02/20/12 Analyst: MB 02/23/12 12:01 PM

MOISTURE

Moisture 11 A2540 G % of sample 1 Analyst: CG 02/20/12 01:42 PM

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

24
3/13/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202544

Sample ID: GC-B01-S01-021612-DP

Lab ID: 1202544-24

Collection Date: 02/16/12 03:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/23/12	Analyst: JD
2,4,5-T	ND		0.0056	mg/Kg-dry	1	02/24/12 07:17 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/24/12 07:17 PM
2,4-D	ND		0.0056	mg/Kg-dry	1	02/24/12 07:17 PM
Surr: DCAA	70.4		30-150	%REC	1	02/24/12 07:17 PM
PCBS			SW8082		Prep Date: 02/23/12	Analyst: JD
Aroclor 1016	ND		0.044	mg/Kg-dry	1	02/26/12 08:30 AM
Aroclor 1221	ND		0.044	mg/Kg-dry	1	02/26/12 08:30 AM
Aroclor 1232	ND		0.044	mg/Kg-dry	1	02/26/12 08:30 AM
Aroclor 1242	ND		0.044	mg/Kg-dry	1	02/26/12 08:30 AM
Aroclor 1248	ND		0.044	mg/Kg-dry	1	02/26/12 08:30 AM
Aroclor 1254	0.71		0.044	mg/Kg-dry	1	02/26/12 08:30 AM
Aroclor 1260	ND		0.044	mg/Kg-dry	1	02/26/12 08:30 AM
Surr: Decachlorobiphenyl	88.1		40-140	%REC	1	02/26/12 08:30 AM
PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
4,4'-DDD	ND		0.055	mg/Kg-dry	5	02/29/12 11:04 AM
4,4'-DDE	ND		0.055	mg/Kg-dry	5	02/29/12 11:04 AM
4,4'-DDT	ND		0.055	mg/Kg-dry	5	02/29/12 11:04 AM
Aldrin	ND		0.055	mg/Kg-dry	5	02/29/12 11:04 AM
alpha-BHC	ND		0.055	mg/Kg-dry	5	02/29/12 11:04 AM
alpha-Chlordane	ND		0.055	mg/Kg-dry	5	02/29/12 11:04 AM
beta-BHC	ND		0.055	mg/Kg-dry	5	02/29/12 11:04 AM
Chlordane, Technical	1.5		0.14	mg/Kg-dry	5	02/29/12 11:04 AM
delta-BHC	ND		0.055	mg/Kg-dry	5	02/29/12 11:04 AM
Dieldrin	ND		0.055	mg/Kg-dry	5	02/29/12 11:04 AM
Endosulfan I	ND		0.055	mg/Kg-dry	5	02/29/12 11:04 AM
Endosulfan II	ND		0.055	mg/Kg-dry	5	02/29/12 11:04 AM
Endosulfan sulfate	ND		0.055	mg/Kg-dry	5	02/29/12 11:04 AM
Endrin	ND		0.055	mg/Kg-dry	5	02/29/12 11:04 AM
Endrin aldehyde	ND		0.055	mg/Kg-dry	5	02/29/12 11:04 AM
Endrin ketone	ND		0.055	mg/Kg-dry	5	02/29/12 11:04 AM
gamma-BHC (Lindane)	ND		0.055	mg/Kg-dry	5	02/29/12 11:04 AM
gamma-Chlordane	ND		0.055	mg/Kg-dry	5	02/29/12 11:04 AM
Heptachlor	ND		0.055	mg/Kg-dry	5	02/29/12 11:04 AM
Heptachlor epoxide	ND		0.055	mg/Kg-dry	5	02/29/12 11:04 AM
Methoxychlor	ND		0.055	mg/Kg-dry	5	02/29/12 11:04 AM
Toxaphene	ND		0.33	mg/Kg-dry	5	02/29/12 11:04 AM
Surr: Decachlorobiphenyl	70.1		45-135	%REC	5	02/29/12 11:04 AM
Surr: Tetrachloro-m-xylene	85.1		45-124	%REC	5	02/29/12 11:04 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: 1202544

Sample ID: GC-B01-S01-021612-DP

Lab ID: 1202544-24

Collection Date: 02/16/12 03:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVA			SW7471		Prep Date: 02/22/12	Analyst: LR
Mercury	0.12		0.018	mg/Kg-dry	1	02/23/12 02:15 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/22/12	Analyst: RH
Aluminum	6,100		1.6	mg/Kg-dry	2	02/23/12 02:19 AM
Antimony	ND		0.78	mg/Kg-dry	2	02/23/12 02:19 AM
Arsenic	5.5		0.78	mg/Kg-dry	2	02/23/12 02:19 AM
Barium	82		0.78	mg/Kg-dry	2	02/23/12 02:19 AM
Beryllium	ND		3.1	mg/Kg-dry	20	02/23/12 04:50 PM
Boron	ND		31	mg/Kg-dry	20	02/23/12 04:50 PM
Cadmium	ND		0.31	mg/Kg-dry	2	02/23/12 02:19 AM
Calcium	33,000		780	mg/Kg-dry	20	02/23/12 04:50 PM
Chromium	11		0.78	mg/Kg-dry	2	02/23/12 02:19 AM
Cobalt	5.3		0.78	mg/Kg-dry	2	02/23/12 02:19 AM
Copper	16		0.78	mg/Kg-dry	2	02/23/12 02:19 AM
Iron	13,000		13	mg/Kg-dry	2	02/23/12 02:19 AM
Lead	43		0.78	mg/Kg-dry	2	02/23/12 02:19 AM
Magnesium	7,100		31	mg/Kg-dry	2	02/23/12 02:19 AM
Manganese	250		0.78	mg/Kg-dry	2	02/23/12 02:19 AM
Nickel	14		0.78	mg/Kg-dry	2	02/23/12 02:19 AM
Potassium	1,000		31	mg/Kg-dry	2	02/23/12 02:19 AM
Selenium	0.82		0.78	mg/Kg-dry	2	02/23/12 02:19 AM
Silver	ND		0.78	mg/Kg-dry	2	02/23/12 02:19 AM
Sodium	79		31	mg/Kg-dry	2	02/23/12 02:19 AM
Thallium	ND		0.78	mg/Kg-dry	2	02/23/12 02:19 AM
Vanadium	14		0.78	mg/Kg-dry	2	02/23/12 02:19 AM
Zinc	92		1.6	mg/Kg-dry	2	02/23/12 02:19 AM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/21/12	Analyst: HL
1,1'-Biphenyl	ND		0.37	mg/Kg-dry	1	02/25/12 06:52 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
2,4-Dimethylphenol	ND		0.37	mg/Kg-dry	1	02/25/12 06:52 PM
2,4-Dinitrophenol	ND		0.73	mg/Kg-dry	1	02/25/12 06:52 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
2-Chloronaphthalene	ND		0.089	mg/Kg-dry	1	02/25/12 06:52 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
2-Methylnaphthalene	ND		0.089	mg/Kg-dry	1	02/25/12 06:52 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 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
 Sample ID: GC-B01-S01-021612-DP
 Collection Date: 02/16/12 03:15 PM

Work Order: 1202544
 Lab ID: 1202544-24
 Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.73	mg/Kg-dry	1	02/25/12 06:52 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
3,3'-Dichlorobenzidine	ND		0.73	mg/Kg-dry	1	02/25/12 06:52 PM
3-Nitroaniline	ND		0.73	mg/Kg-dry	1	02/25/12 06:52 PM
4,6-Dinitro-2-methylphenol	ND		0.37	mg/Kg-dry	1	02/25/12 06:52 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
4-Chloroaniline	ND		0.73	mg/Kg-dry	1	02/25/12 06:52 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
4-Nitroaniline	ND	UJ	0.73	mg/Kg-dry	1	02/25/12 06:52 PM
4-Nitrophenol	ND		0.73	mg/Kg-dry	1	02/25/12 06:52 PM
Acenaphthene	ND		0.033	mg/Kg-dry	1	02/25/12 06:52 PM
Acenaphthylene	ND		0.033	mg/Kg-dry	1	02/25/12 06:52 PM
Acetophenone	ND		0.37	mg/Kg-dry	1	02/25/12 06:52 PM
Anthracene	0.040		0.033	mg/Kg-dry	1	02/25/12 06:52 PM
Atrazine	ND		0.37	mg/Kg-dry	1	02/25/12 06:52 PM
Benzaldehyde	ND		0.37	mg/Kg-dry	1	02/25/12 06:52 PM
Benzo(a)anthracene	0.19		0.033	mg/Kg-dry	1	02/25/12 06:52 PM
Benzo(a)pyrene	0.27		0.033	mg/Kg-dry	1	02/25/12 06:52 PM
Benzo(b)fluoranthene	0.45		0.033	mg/Kg-dry	1	02/25/12 06:52 PM
Benzo(g,h,i)perylene	0.11		0.033	mg/Kg-dry	1	02/25/12 06:52 PM
Benzo(k)fluoranthene	0.11		0.033	mg/Kg-dry	1	02/25/12 06:52 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
Bis(2-ethylhexyl)phthalate	0.38		0.37	mg/Kg-dry	1	02/25/12 06:52 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
Caprolactam	ND		0.37	mg/Kg-dry	1	02/25/12 06:52 PM
Carbazole	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
Chrysene	0.26		0.033	mg/Kg-dry	1	02/25/12 06:52 PM
Dibenzo(a,h)anthracene	ND		0.033	mg/Kg-dry	1	02/25/12 06:52 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
Diethyl phthalate	ND		0.37	mg/Kg-dry	1	02/25/12 06:52 PM
Dimethyl phthalate	ND		0.37	mg/Kg-dry	1	02/25/12 06:52 PM
Di-n-butyl phthalate	ND		0.37	mg/Kg-dry	1	02/25/12 06:52 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
Fluoranthene	0.57		0.033	mg/Kg-dry	1	02/25/12 06:52 PM
Fluorene	ND		0.033	mg/Kg-dry	1	02/25/12 06:52 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM

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

24
3/13/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202544

Sample ID: GC-B01-S01-021612-DP

Lab ID: 1202544-24

Collection Date: 02/16/12 03:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
Hexachlorocyclopentadiene	ND		0.37	mg/Kg-dry	1	02/25/12 06:52 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
Indeno(1,2,3-cd)pyrene	0.10		0.033	mg/Kg-dry	1	02/25/12 06:52 PM
Isophorone	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
Naphthalene	ND		0.033	mg/Kg-dry	1	02/25/12 06:52 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
Pentachlorophenol	ND		0.37	mg/Kg-dry	1	02/25/12 06:52 PM
Phenanthrene	0.37		0.033	mg/Kg-dry	1	02/25/12 06:52 PM
Phenol	ND		0.18	mg/Kg-dry	1	02/25/12 06:52 PM
Pyrene	0.44		0.033	mg/Kg-dry	1	02/25/12 06:52 PM
Surr: 2,4,6-Tribromophenol	95.2		34-140	%REC	1	02/25/12 06:52 PM
Surr: 2-Fluorobiphenyl	79.9		12-100	%REC	1	02/25/12 06:52 PM
Surr: 2-Fluorophenol	84.7		33-117	%REC	1	02/25/12 06:52 PM
Surr: 4-Terphenyl-d14	82.0		25-137	%REC	1	02/25/12 06:52 PM
Surr: Nitrobenzene-d5	77.2		37-107	%REC	1	02/25/12 06:52 PM
Surr: Phenol-d6	82.5		40-106	%REC	1	02/25/12 06:52 PM
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: BG
1,1,1-Trichloroethane	ND		0.057	mg/Kg-dry	50	02/21/12 08:44 AM
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg-dry	50	02/21/12 08:44 AM
1,1,2-Trichloroethane	ND		0.11	mg/Kg-dry	50	02/21/12 08:44 AM
1,1,2-Trichlorotrifluoroethane	ND		0.057	mg/Kg-dry	50	02/21/12 08:44 AM
1,1-Dichloroethane	ND		0.057	mg/Kg-dry	50	02/21/12 08:44 AM
1,1-Dichloroethene	ND		0.057	mg/Kg-dry	50	02/21/12 08:44 AM
1,2,4-Trichlorobenzene	ND		0.057	mg/Kg-dry	50	02/21/12 08:44 AM
1,2-Dibromo-3-chloropropane	ND		0.11	mg/Kg-dry	50	02/21/12 08:44 AM
1,2-Dibromoethane	ND		0.085	mg/Kg-dry	50	02/21/12 08:44 AM
1,2-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/21/12 08:44 AM
1,2-Dichloroethane	ND		0.057	mg/Kg-dry	50	02/21/12 08:44 AM
1,2-Dichloropropane	ND		0.20	mg/Kg-dry	50	02/21/12 08:44 AM
1,3-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/21/12 08:44 AM
1,4-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/21/12 08:44 AM
2-Butanone	ND		0.42	mg/Kg-dry	50	02/21/12 08:44 AM
2-Hexanone	ND		0.28	mg/Kg-dry	50	02/21/12 08:44 AM
4-Methyl-2-pentanone	ND		0.28	mg/Kg-dry	50	02/21/12 08:44 AM
Acetone	ND		0.25	mg/Kg-dry	50	02/21/12 08:44 AM
Benzene	ND		0.057	mg/Kg-dry	50	02/21/12 08:44 AM
Bromodichloromethane	ND		0.085	mg/Kg-dry	50	02/21/12 08:44 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: 1202544

Sample ID: GC-B01-S01-021612-DP

Lab ID: 1202544-24

Collection Date: 02/16/12 03:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.057	mg/Kg-dry	50	02/21/12 08:44 AM
Bromomethane	ND		0.085	mg/Kg-dry	50	02/21/12 08:44 AM
Carbon disulfide	ND		0.085	mg/Kg-dry	50	02/21/12 08:44 AM
Carbon tetrachloride	ND		0.057	mg/Kg-dry	50	02/21/12 08:44 AM
Chlorobenzene	ND		0.085	mg/Kg-dry	50	02/21/12 08:44 AM
Chloroethane	ND		0.17	mg/Kg-dry	50	02/21/12 08:44 AM
Chloroform	ND		0.057	mg/Kg-dry	50	02/21/12 08:44 AM
Chloromethane	ND		0.17	mg/Kg-dry	50	02/21/12 08:44 AM
cis-1,2-Dichloroethene	ND		0.11	mg/Kg-dry	50	02/21/12 08:44 AM
cis-1,3-Dichloropropene	ND		0.057	mg/Kg-dry	50	02/21/12 08:44 AM
Cyclohexane	ND		0.057	mg/Kg-dry	50	02/21/12 08:44 AM
Dibromochloromethane	ND		0.11	mg/Kg-dry	50	02/21/12 08:44 AM
Dichlorodifluoromethane	ND		0.057	mg/Kg-dry	50	02/21/12 08:44 AM
Ethylbenzene	ND		0.11	mg/Kg-dry	50	02/21/12 08:44 AM
Isopropylbenzene	ND		0.057	mg/Kg-dry	50	02/21/12 08:44 AM
Methyl acetate	ND		0.11	mg/Kg-dry	50	02/21/12 08:44 AM
Methyl tert-butyl ether	ND		0.085	mg/Kg-dry	50	02/21/12 08:44 AM
Methylcyclohexane	ND		1.1	mg/Kg-dry	50	02/21/12 08:44 AM
Methylene chloride	ND		0.11	mg/Kg-dry	50	02/21/12 08:44 AM
Styrene	ND		0.085	mg/Kg-dry	50	02/21/12 08:44 AM
Tetrachloroethene	ND		0.057	mg/Kg-dry	50	02/21/12 08:44 AM
Toluene	ND		0.085	mg/Kg-dry	50	02/21/12 08:44 AM
trans-1,2-Dichloroethene	ND		0.057	mg/Kg-dry	50	02/21/12 08:44 AM
trans-1,3-Dichloropropene	ND		0.085	mg/Kg-dry	50	02/21/12 08:44 AM
Trichloroethene	ND		0.057	mg/Kg-dry	50	02/21/12 08:44 AM
Trichlorofluoromethane	ND		0.057	mg/Kg-dry	50	02/21/12 08:44 AM
Vinyl chloride	ND		0.11	mg/Kg-dry	50	02/21/12 08:44 AM
Xylenes, Total	ND		0.17	mg/Kg-dry	50	02/21/12 08:44 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	97.5		70-120	%REC	50	02/21/12 08:44 AM
<i>Surr: 4-Bromofluorobenzene</i>	98.8		75-120	%REC	50	02/21/12 08:44 AM
<i>Surr: Dibromofluoromethane</i>	91.4		85-115	%REC	50	02/21/12 08:44 AM
<i>Surr: Toluene-d8</i>	103		85-115	%REC	50	02/21/12 08:44 AM

CHROMIUM, HEXAVALENT

Chromium, Hexavalent ND **SW7196A** mg/Kg-dry 1 Prep Date: 02/20/12 Analyst: **MB** 02/23/12 12:01 PM

MOISTURE

Moisture 12 **A2540 G** % of sample 1 Analyst: **CG** 02/20/12 01:42 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: 1202544

Sample ID: GC-B02-S01-021612

Lab ID: 1202544-25

Collection Date: 02/16/12 04:40 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/23/12	Analyst: JD
2,4,5-T	ND		0.0055	mg/Kg-dry	1	02/24/12 07:17 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/24/12 07:17 PM
2,4-D	ND		0.0055	mg/Kg-dry	1	02/24/12 07:17 PM
Surr: DCAA	79.0		30-150	%REC	1	02/24/12 07:17 PM
PCBS			SW8082		Prep Date: 02/23/12	Analyst: JD
Aroclor 1016	ND		0.045	mg/Kg-dry	1	02/26/12 08:50 AM
Aroclor 1221	ND		0.045	mg/Kg-dry	1	02/26/12 08:50 AM
Aroclor 1232	ND		0.045	mg/Kg-dry	1	02/26/12 08:50 AM
Aroclor 1242	ND		0.045	mg/Kg-dry	1	02/26/12 08:50 AM
Aroclor 1248	ND		0.045	mg/Kg-dry	1	02/26/12 08:50 AM
Aroclor 1254	ND		0.045	mg/Kg-dry	1	02/26/12 08:50 AM
Aroclor 1260	ND		0.045	mg/Kg-dry	1	02/26/12 08:50 AM
Surr: Decachlorobiphenyl	84.1		40-140	%REC	1	02/26/12 08:50 AM
PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
4,4'-DDD	ND		0.11	mg/Kg-dry	10	02/26/12 01:05 PM
4,4'-DDE	ND		0.11	mg/Kg-dry	10	02/26/12 01:05 PM
4,4'-DDT	ND		0.11	mg/Kg-dry	10	02/26/12 01:05 PM
Aldrin	ND		0.11	mg/Kg-dry	10	02/26/12 01:05 PM
alpha-BHC	ND		0.11	mg/Kg-dry	10	02/26/12 01:05 PM
alpha-Chlordane	ND		0.11	mg/Kg-dry	10	02/26/12 01:05 PM
beta-BHC	ND		0.11	mg/Kg-dry	10	02/26/12 01:05 PM
Chlordane, Technical	ND		0.28	mg/Kg-dry	10	02/26/12 01:05 PM
delta-BHC	ND		0.11	mg/Kg-dry	10	02/26/12 01:05 PM
Dieldrin	ND		0.11	mg/Kg-dry	10	02/26/12 01:05 PM
Endosulfan I	ND		0.11	mg/Kg-dry	10	02/26/12 01:05 PM
Endosulfan II	ND		0.11	mg/Kg-dry	10	02/26/12 01:05 PM
Endosulfan sulfate	ND		0.11	mg/Kg-dry	10	02/26/12 01:05 PM
Endrin	ND		0.11	mg/Kg-dry	10	02/26/12 01:05 PM
Endrin aldehyde	ND		0.11	mg/Kg-dry	10	02/26/12 01:05 PM
Endrin ketone	ND		0.11	mg/Kg-dry	10	02/26/12 01:05 PM
gamma-BHC (Lindane)	ND		0.11	mg/Kg-dry	10	02/26/12 01:05 PM
gamma-Chlordane	ND		0.11	mg/Kg-dry	10	02/26/12 01:05 PM
Heptachlor	ND		0.11	mg/Kg-dry	10	02/26/12 01:05 PM
Heptachlor epoxide	ND		0.11	mg/Kg-dry	10	02/26/12 01:05 PM
Methoxychlor	ND		0.11	mg/Kg-dry	10	02/26/12 01:05 PM
Toxaphene	ND		0.67	mg/Kg-dry	10	02/26/12 01:05 PM
Surr: Decachlorobiphenyl	150	S	45-135	%REC	10	02/26/12 01:05 PM
Surr: Tetrachloro-m-xylene	50.1		45-124	%REC	10	02/26/12 01:05 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: 1202544

Sample ID: GC-B02-S01-021612

Lab ID: 1202544-25

Collection Date: 02/16/12 04:40 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVA						
			SW7471		Prep Date: 02/22/12	Analyst: LR
Mercury	0.060		0.018	mg/Kg-dry	1	02/23/12 02:17 PM
METALS BY ICP-MS						
			SW6020A		Prep Date: 02/22/12	Analyst: RH
Aluminum	8,800		1.6	mg/Kg-dry	2	02/23/12 02:24 AM
Antimony	ND		0.82	mg/Kg-dry	2	02/23/12 02:24 AM
Arsenic	6.2		0.82	mg/Kg-dry	2	02/23/12 02:24 AM
Barium	71		0.82	mg/Kg-dry	2	02/23/12 02:24 AM
Beryllium	ND		3.3	mg/Kg-dry	20	02/23/12 04:56 PM
Boron	ND		33	mg/Kg-dry	20	02/23/12 04:56 PM
Cadmium	ND		0.33	mg/Kg-dry	2	02/23/12 02:24 AM
Calcium	9,200		82	mg/Kg-dry	2	02/23/12 02:24 AM
Chromium	14		0.82	mg/Kg-dry	2	02/23/12 02:24 AM
Cobalt	7.4		0.82	mg/Kg-dry	2	02/23/12 02:24 AM
Copper	16		0.82	mg/Kg-dry	2	02/23/12 02:24 AM
Iron	18,000		13	mg/Kg-dry	2	02/23/12 02:24 AM
Lead	49		0.82	mg/Kg-dry	2	02/23/12 02:24 AM
Magnesium	4,800		33	mg/Kg-dry	2	02/23/12 02:24 AM
Manganese	160		0.82	mg/Kg-dry	2	02/23/12 02:24 AM
Nickel	20		0.82	mg/Kg-dry	2	02/23/12 02:24 AM
Potassium	1,200		33	mg/Kg-dry	2	02/23/12 02:24 AM
Selenium	1.2		0.82	mg/Kg-dry	2	02/23/12 02:24 AM
Silver	ND		0.82	mg/Kg-dry	2	02/23/12 02:24 AM
Sodium	180		33	mg/Kg-dry	2	02/23/12 02:24 AM
Thallium	ND		0.82	mg/Kg-dry	2	02/23/12 02:24 AM
Vanadium	22		0.82	mg/Kg-dry	2	02/23/12 02:24 AM
Zinc	70		1.6	mg/Kg-dry	2	02/23/12 02:24 AM
SEMI-VOLATILE ORGANIC COMPOUNDS						
			SW8270		Prep Date: 02/21/12	Analyst: HL
1,1'-Biphenyl	ND		0.37	mg/Kg-dry	1	02/25/12 03:46 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
2,4-Dimethylphenol	ND		0.37	mg/Kg-dry	1	02/25/12 03:46 PM
2,4-Dinitrophenol	ND		0.74	mg/Kg-dry	1	02/25/12 03:46 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
2-Chloronaphthalene	ND		0.090	mg/Kg-dry	1	02/25/12 03:46 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
2-Methylnaphthalene	ND		0.090	mg/Kg-dry	1	02/25/12 03:46 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 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: 1202544

Sample ID: GC-B02-S01-021612

Lab ID: 1202544-25

Collection Date: 02/16/12 04:40 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.74	mg/Kg-dry	1	02/25/12 03:46 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
3,3'-Dichlorobenzidine	ND		0.74	mg/Kg-dry	1	02/25/12 03:46 PM
3-Nitroaniline	ND		0.74	mg/Kg-dry	1	02/25/12 03:46 PM
4,6-Dinitro-2-methylphenol	ND		0.37	mg/Kg-dry	1	02/25/12 03:46 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
4-Chloroaniline	ND		0.74	mg/Kg-dry	1	02/25/12 03:46 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
4-Nitroaniline	ND	VJ	0.74	mg/Kg-dry	1	02/25/12 03:46 PM
4-Nitrophenol	ND		0.74	mg/Kg-dry	1	02/25/12 03:46 PM
Acenaphthene	ND		0.034	mg/Kg-dry	1	02/25/12 03:46 PM
Acenaphthylene	ND		0.034	mg/Kg-dry	1	02/25/12 03:46 PM
Acetophenone	ND		0.37	mg/Kg-dry	1	02/25/12 03:46 PM
Anthracene	ND		0.034	mg/Kg-dry	1	02/25/12 03:46 PM
Atrazine	ND		0.37	mg/Kg-dry	1	02/25/12 03:46 PM
Benzaldehyde	ND		0.37	mg/Kg-dry	1	02/25/12 03:46 PM
Benzo(a)anthracene	ND		0.034	mg/Kg-dry	1	02/25/12 03:46 PM
Benzo(a)pyrene	0.069		0.034	mg/Kg-dry	1	02/25/12 03:46 PM
Benzo(b)fluoranthene	0.10		0.034	mg/Kg-dry	1	02/25/12 03:46 PM
Benzo(g,h,i)perylene	0.037		0.034	mg/Kg-dry	1	02/25/12 03:46 PM
Benzo(k)fluoranthene	0.045		0.034	mg/Kg-dry	1	02/25/12 03:46 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
Bis(2-ethylhexyl)phthalate	ND		0.37	mg/Kg-dry	1	02/25/12 03:46 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
Caprolactam	ND		0.37	mg/Kg-dry	1	02/25/12 03:46 PM
Carbazole	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
Chrysene	0.078		0.034	mg/Kg-dry	1	02/25/12 03:46 PM
Dibenzo(a,h)anthracene	ND		0.034	mg/Kg-dry	1	02/25/12 03:46 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
Diethyl phthalate	ND		0.37	mg/Kg-dry	1	02/25/12 03:46 PM
Dimethyl phthalate	ND		0.37	mg/Kg-dry	1	02/25/12 03:46 PM
Di-n-butyl phthalate	ND		0.37	mg/Kg-dry	1	02/25/12 03:46 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
Fluoranthene	0.15		0.034	mg/Kg-dry	1	02/25/12 03:46 PM
Fluorene	ND		0.034	mg/Kg-dry	1	02/25/12 03:46 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM

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

28
3/13/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202544

Sample ID: GC-B02-S01-021612

Lab ID: 1202544-25

Collection Date: 02/16/12 04:40 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
Hexachlorocyclopentadiene	ND		0.37	mg/Kg-dry	1	02/25/12 03:46 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
Indeno(1,2,3-cd)pyrene	0.034		0.034	mg/Kg-dry	1	02/25/12 03:46 PM
Isophorone	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
Naphthalene	ND		0.034	mg/Kg-dry	1	02/25/12 03:46 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
Pentachlorophenol	ND		0.37	mg/Kg-dry	1	02/25/12 03:46 PM
Phenanthrene	0.067		0.034	mg/Kg-dry	1	02/25/12 03:46 PM
Phenol	ND		0.18	mg/Kg-dry	1	02/25/12 03:46 PM
Pyrene	0.13		0.034	mg/Kg-dry	1	02/25/12 03:46 PM
Surr: 2,4,6-Tribromophenol	104		34-140	%REC	1	02/25/12 03:46 PM
Surr: 2-Fluorobiphenyl	81.3		12-100	%REC	1	02/25/12 03:46 PM
Surr: 2-Fluorophenol	84.8		33-117	%REC	1	02/25/12 03:46 PM
Surr: 4-Terphenyl-d14	82.0		25-137	%REC	1	02/25/12 03:46 PM
Surr: Nitrobenzene-d5	77.0		37-107	%REC	1	02/25/12 03:46 PM
Surr: Phenol-d6	83.8		40-106	%REC	1	02/25/12 03:46 PM
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: BG
1,1,1-Trichloroethane	ND		0.056	mg/Kg-dry	50	02/21/12 09:34 AM
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg-dry	50	02/21/12 09:34 AM
1,1,2-Trichloroethane	ND		0.11	mg/Kg-dry	50	02/21/12 09:34 AM
1,1,2-Trichlorotrifluoroethane	ND		0.056	mg/Kg-dry	50	02/21/12 09:34 AM
1,1-Dichloroethane	ND		0.056	mg/Kg-dry	50	02/21/12 09:34 AM
1,1-Dichloroethene	ND		0.056	mg/Kg-dry	50	02/21/12 09:34 AM
1,2,4-Trichlorobenzene	ND		0.056	mg/Kg-dry	50	02/21/12 09:34 AM
1,2-Dibromo-3-chloropropane	ND		0.11	mg/Kg-dry	50	02/21/12 09:34 AM
1,2-Dibromoethane	ND		0.085	mg/Kg-dry	50	02/21/12 09:34 AM
1,2-Dichlorobenzene	ND		0.056	mg/Kg-dry	50	02/21/12 09:34 AM
1,2-Dichloroethane	ND		0.056	mg/Kg-dry	50	02/21/12 09:34 AM
1,2-Dichloropropane	ND		0.20	mg/Kg-dry	50	02/21/12 09:34 AM
1,3-Dichlorobenzene	ND		0.056	mg/Kg-dry	50	02/21/12 09:34 AM
1,4-Dichlorobenzene	ND		0.056	mg/Kg-dry	50	02/21/12 09:34 AM
2-Butanone	ND		0.42	mg/Kg-dry	50	02/21/12 09:34 AM
2-Hexanone	ND		0.28	mg/Kg-dry	50	02/21/12 09:34 AM
4-Methyl-2-pentanone	ND		0.28	mg/Kg-dry	50	02/21/12 09:34 AM
Acetone	ND		0.25	mg/Kg-dry	50	02/21/12 09:34 AM
Benzene	ND		0.056	mg/Kg-dry	50	02/21/12 09:34 AM
Bromodichloromethane	ND		0.085	mg/Kg-dry	50	02/21/12 09:34 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: 1202544

Sample ID: GC-B02-S01-021612

Lab ID: 1202544-25

Collection Date: 02/16/12 04:40 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.056	mg/Kg-dry	50	02/21/12 09:34 AM
Bromomethane	ND		0.085	mg/Kg-dry	50	02/21/12 09:34 AM
Carbon disulfide	ND		0.085	mg/Kg-dry	50	02/21/12 09:34 AM
Carbon tetrachloride	ND		0.056	mg/Kg-dry	50	02/21/12 09:34 AM
Chlorobenzene	ND		0.085	mg/Kg-dry	50	02/21/12 09:34 AM
Chloroethane	ND		0.17	mg/Kg-dry	50	02/21/12 09:34 AM
Chloroform	ND		0.056	mg/Kg-dry	50	02/21/12 09:34 AM
Chloromethane	ND		0.17	mg/Kg-dry	50	02/21/12 09:34 AM
cis-1,2-Dichloroethene	ND		0.11	mg/Kg-dry	50	02/21/12 09:34 AM
cis-1,3-Dichloropropene	ND		0.056	mg/Kg-dry	50	02/21/12 09:34 AM
Cyclohexane	ND		0.056	mg/Kg-dry	50	02/21/12 09:34 AM
Dibromochloromethane	ND		0.11	mg/Kg-dry	50	02/21/12 09:34 AM
Dichlorodifluoromethane	ND		0.056	mg/Kg-dry	50	02/21/12 09:34 AM
Ethylbenzene	ND		0.11	mg/Kg-dry	50	02/21/12 09:34 AM
Isopropylbenzene	ND		0.056	mg/Kg-dry	50	02/21/12 09:34 AM
Methyl acetate	ND		0.11	mg/Kg-dry	50	02/21/12 09:34 AM
Methyl tert-butyl ether	ND		0.085	mg/Kg-dry	50	02/21/12 09:34 AM
Methylcyclohexane	ND		1.1	mg/Kg-dry	50	02/21/12 09:34 AM
Methylene chloride	ND		0.11	mg/Kg-dry	50	02/21/12 09:34 AM
Styrene	ND		0.085	mg/Kg-dry	50	02/21/12 09:34 AM
Tetrachloroethene	ND		0.056	mg/Kg-dry	50	02/21/12 09:34 AM
Toluene	ND		0.085	mg/Kg-dry	50	02/21/12 09:34 AM
trans-1,2-Dichloroethene	ND		0.056	mg/Kg-dry	50	02/21/12 09:34 AM
trans-1,3-Dichloropropene	ND		0.085	mg/Kg-dry	50	02/21/12 09:34 AM
Trichloroethene	ND		0.056	mg/Kg-dry	50	02/21/12 09:34 AM
Trichlorofluoromethane	ND		0.056	mg/Kg-dry	50	02/21/12 09:34 AM
Vinyl chloride	ND		0.11	mg/Kg-dry	50	02/21/12 09:34 AM
Xylenes, Total	ND		0.17	mg/Kg-dry	50	02/21/12 09:34 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	98.9		70-120	%REC	50	02/21/12 09:34 AM
<i>Surr: 4-Bromofluorobenzene</i>	99.7		75-120	%REC	50	02/21/12 09:34 AM
<i>Surr: Dibromofluoromethane</i>	91.8		85-115	%REC	50	02/21/12 09:34 AM
<i>Surr: Toluene-d8</i>	102		85-115	%REC	50	02/21/12 09:34 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/20/12	Analyst: MB
Chromium, Hexavalent	ND		0.55	mg/Kg-dry	1	02/23/12 12:01 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	11		0.050	% of sample	1	02/20/12 01:42 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: 1202544

Sample ID: WM-B01-S01-021612

Lab ID: 1202544-26

Collection Date: 02/16/12 12:00 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 09:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 09:51 PM
Surr: DCAA	75.0		30-150	%REC	1	02/21/12 09:51 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 06:58 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 06:58 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 06:58 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 06:58 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 06:58 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 06:58 PM
Surr: Decachlorobiphenyl	79.0		30-135	%REC	1	02/25/12 06:58 PM
Surr: Tetrachloro-m-xylene	71.0		25-140	%REC	1	02/25/12 06:58 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/22/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/22/12 02:19 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/22/12	Analyst: RH
Arsenic	0.011		0.010	mg/L	1	02/23/12 08:05 AM
Barium	2.8		0.050	mg/L	1	02/23/12 08:05 AM
Cadmium	0.011		0.0020	mg/L	1	02/23/12 08:05 AM
Chromium	ND		0.020	mg/L	1	02/23/12 08:05 AM
Lead	0.024		0.010	mg/L	1	02/23/12 08:05 AM
Selenium	ND		0.020	mg/L	1	02/23/12 08:05 AM
Silver	ND		0.0050	mg/L	1	02/23/12 08:05 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/23/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/24/12 09:19 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 09:19 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 09:19 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/24/12 09:19 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/24/12 09:19 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/24/12 09:19 PM
Hexachloroethane	ND		0.10	mg/L	1	02/24/12 09:19 PM
m-Cresol	ND		0.10	mg/L	1	02/24/12 09:19 PM
Nitrobenzene	ND		0.10	mg/L	1	02/24/12 09:19 PM
o-Cresol	ND		0.10	mg/L	1	02/24/12 09:19 PM
p-Cresol	ND		0.10	mg/L	1	02/24/12 09:19 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/24/12 09:19 PM
Pyridine	ND		0.40	mg/L	1	02/24/12 09:19 PM
Surr: 2,4,6-Tribromophenol	78.5		21-125	%REC	1	02/24/12 09:19 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: 1202544

Sample ID: WM-B01-S01-021612

Lab ID: 1202544-26

Collection Date: 02/16/12 12:00 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	70.6		39-94	%REC	1	02/24/12 09:19 PM
Surr: 2-Fluorophenol	47.7		10-75	%REC	1	02/24/12 09:19 PM
Surr: 4-Terphenyl-d14	54.8		26-119	%REC	1	02/24/12 09:19 PM
Surr: Nitrobenzene-d5	76.1		41-104	%REC	1	02/24/12 09:19 PM
Surr: Phenol-d6	30.9		11-50	%REC	1	02/24/12 09:19 PM

TCLP VOLATILE ORGANICS

SW8260

Prep Date: 02/19/12

Analyst: RS

1,1-Dichloroethene	ND		0.020	mg/L	20	02/23/12 10:07 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/23/12 10:07 PM
2-Butanone	ND		0.20	mg/L	20	02/23/12 10:07 PM
Benzene	ND		0.020	mg/L	20	02/23/12 10:07 PM
Carbon tetrachloride	ND		0.020	mg/L	20	02/23/12 10:07 PM
Chlorobenzene	ND		0.020	mg/L	20	02/23/12 10:07 PM
Chloroform	ND		0.020	mg/L	20	02/23/12 10:07 PM
Tetrachloroethene	ND		0.020	mg/L	20	02/23/12 10:07 PM
Trichloroethene	ND		0.020	mg/L	20	02/23/12 10:07 PM
Vinyl chloride	ND		0.020	mg/L	20	02/23/12 10:07 PM
Surr: 1,2-Dichloroethane-d4	103		70-130	%REC	20	02/23/12 10:07 PM
Surr: 4-Bromofluorobenzene	97.1		70-130	%REC	20	02/23/12 10:07 PM
Surr: Dibromofluoromethane	99.3		70-130	%REC	20	02/23/12 10:07 PM
Surr: Toluene-d8	98.9		70-130	%REC	20	02/23/12 10:07 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: 1202544

Sample ID: WM-B01-S02-021612

Lab ID: 1202544-27

Collection Date: 02/16/12 12:15 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	84.4		30-150	%REC	1	02/21/12 09:51 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 07:13 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 07:13 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 07:13 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 07:13 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 07:13 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 07:13 PM
Surr: Decachlorobiphenyl	75.0		30-135	%REC	1	02/25/12 07:13 PM
Surr: Tetrachloro-m-xylene	72.0		25-140	%REC	1	02/25/12 07:13 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/22/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/22/12 02:26 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/22/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/23/12 08:10 AM
Barium	1.3		0.050	mg/L	1	02/23/12 08:10 AM
Cadmium	0.0046		0.0020	mg/L	1	02/23/12 08:10 AM
Chromium	ND		0.020	mg/L	1	02/23/12 08:10 AM
Lead	0.012		0.010	mg/L	1	02/23/12 08:10 AM
Selenium	ND		0.020	mg/L	1	02/23/12 08:10 AM
Silver	ND		0.0050	mg/L	1	02/23/12 08:10 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/23/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/24/12 09:46 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 09:46 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 09:46 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/24/12 09:46 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/24/12 09:46 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/24/12 09:46 PM
Hexachloroethane	ND		0.10	mg/L	1	02/24/12 09:46 PM
m-Cresol	ND		0.10	mg/L	1	02/24/12 09:46 PM
Nitrobenzene	ND		0.10	mg/L	1	02/24/12 09:46 PM
o-Cresol	ND		0.10	mg/L	1	02/24/12 09:46 PM
p-Cresol	ND		0.10	mg/L	1	02/24/12 09:46 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/24/12 09:46 PM
Pyridine	ND		0.40	mg/L	1	02/24/12 09:46 PM
Surr: 2,4,6-Tribromophenol	84.5		21-125	%REC	1	02/24/12 09:46 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
Sample ID: WM-B01-S02-021612
Collection Date: 02/16/12 12:15 PM

Work Order: 1202544
Lab ID: 1202544-27
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	77.1		39-94	%REC	1	02/24/12 09:46 PM
<i>Surr: 2-Fluorophenol</i>	53.0		10-75	%REC	1	02/24/12 09:46 PM
<i>Surr: 4-Terphenyl-d14</i>	59.3		26-119	%REC	1	02/24/12 09:46 PM
<i>Surr: Nitrobenzene-d5</i>	80.3		41-104	%REC	1	02/24/12 09:46 PM
<i>Surr: Phenol-d6</i>	34.1		11-50	%REC	1	02/24/12 09:46 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/19/12	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	02/23/12 10:31 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/23/12 10:31 PM
2-Butanone	ND		0.20	mg/L	20	02/23/12 10:31 PM
Benzene	ND		0.020	mg/L	20	02/23/12 10:31 PM
Carbon tetrachloride	ND		0.020	mg/L	20	02/23/12 10:31 PM
Chlorobenzene	ND		0.020	mg/L	20	02/23/12 10:31 PM
Chloroform	ND		0.020	mg/L	20	02/23/12 10:31 PM
Tetrachloroethene	ND		0.020	mg/L	20	02/23/12 10:31 PM
Trichloroethene	ND		0.020	mg/L	20	02/23/12 10:31 PM
Vinyl chloride	ND		0.020	mg/L	20	02/23/12 10:31 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	104		70-130	%REC	20	02/23/12 10:31 PM
<i>Surr: 4-Bromofluorobenzene</i>	95.7		70-130	%REC	20	02/23/12 10:31 PM
<i>Surr: Dibromofluoromethane</i>	99.7		70-130	%REC	20	02/23/12 10:31 PM
<i>Surr: Toluene-d8</i>	98.2		70-130	%REC	20	02/23/12 10:31 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: 1202544

Sample ID: WM-B02-S01-021612

Lab ID: 1202544-28

Collection Date: 02/16/12 10:10 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 09:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 09:51 PM
Surr: DCAA	88.8		30-150	%REC	1	02/21/12 09:51 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 07:28 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 07:28 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 07:28 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 07:28 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 07:28 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 07:28 PM
Surr: Decachlorobiphenyl	71.0		30-135	%REC	1	02/25/12 07:28 PM
Surr: Tetrachloro-m-xylene	57.0		25-140	%REC	1	02/25/12 07:28 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/22/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/22/12 01:35 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/23/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/24/12 05:10 AM
Barium	0.45		0.050	mg/L	1	02/24/12 05:10 AM
Cadmium	0.0023		0.0020	mg/L	1	02/24/12 05:10 AM
Chromium	ND		0.020	mg/L	1	02/24/12 05:10 AM
Lead	0.011		0.010	mg/L	1	02/24/12 05:10 AM
Selenium	ND		0.020	mg/L	1	02/24/12 05:10 AM
Silver	ND		0.0050	mg/L	1	02/24/12 05:10 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/23/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/24/12 07:59 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 07:59 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 07:59 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/24/12 07:59 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/24/12 07:59 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/24/12 07:59 PM
Hexachloroethane	ND		0.10	mg/L	1	02/24/12 07:59 PM
m-Cresol	ND		0.10	mg/L	1	02/24/12 07:59 PM
Nitrobenzene	ND		0.10	mg/L	1	02/24/12 07:59 PM
o-Cresol	ND		0.10	mg/L	1	02/24/12 07:59 PM
p-Cresol	ND		0.10	mg/L	1	02/24/12 07:59 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/24/12 07:59 PM
Pyridine	ND		0.40	mg/L	1	02/24/12 07:59 PM
Surr: 2,4,6-Tribromophenol	74.8		21-125	%REC	1	02/24/12 07:59 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
Sample ID: WM-B02-S01-021612
Collection Date: 02/16/12 10:10 AM

Work Order: 1202544
Lab ID: 1202544-28
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	65.4		39-94	%REC	1	02/24/12 07:59 PM
Surr: 2-Fluorophenol	53.9		10-75	%REC	1	02/24/12 07:59 PM
Surr: 4-Terphenyl-d14	73.9		26-119	%REC	1	02/24/12 07:59 PM
Surr: Nitrobenzene-d5	71.8		41-104	%REC	1	02/24/12 07:59 PM
Surr: Phenol-d6	32.8		11-50	%REC	1	02/24/12 07:59 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/19/12	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	02/23/12 09:19 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/23/12 09:19 PM
2-Butanone	ND		0.20	mg/L	20	02/23/12 09:19 PM
Benzene	ND		0.020	mg/L	20	02/23/12 09:19 PM
Carbon tetrachloride	ND		0.020	mg/L	20	02/23/12 09:19 PM
Chlorobenzene	ND		0.020	mg/L	20	02/23/12 09:19 PM
Chloroform	ND		0.020	mg/L	20	02/23/12 09:19 PM
Tetrachloroethene	ND		0.020	mg/L	20	02/23/12 09:19 PM
Trichloroethene	ND		0.020	mg/L	20	02/23/12 09:19 PM
Vinyl chloride	ND		0.020	mg/L	20	02/23/12 09:19 PM
Surr: 1,2-Dichloroethane-d4	93.5		70-130	%REC	20	02/23/12 09:19 PM
Surr: 4-Bromofluorobenzene	99.8		70-130	%REC	20	02/23/12 09:19 PM
Surr: Dibromofluoromethane	99.6		70-130	%REC	20	02/23/12 09:19 PM
Surr: Toluene-d8	98.5		70-130	%REC	20	02/23/12 09:19 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: 1202544

Sample ID: WM-B02-S02-021612

Lab ID: 1202544-29

Collection Date: 02/16/12 10:35 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 09:51 PM
2,4-D	ND		0.0050	mg/L	1	02/21/12 09:51 PM
Surr: DCAA	83.0		30-150	%REC	1	02/21/12 09:51 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 08:12 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 08:12 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 08:12 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 08:12 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 08:12 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 08:12 PM
Surr: Decachlorobiphenyl	75.0		30-135	%REC	1	02/25/12 08:12 PM
Surr: Tetrachloro-m-xylene	68.0		25-140	%REC	1	02/25/12 08:12 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/22/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/22/12 03:00 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/23/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/24/12 05:34 AM
Barium	0.26		0.050	mg/L	1	02/24/12 05:34 AM
Cadmium	ND		0.0020	mg/L	1	02/24/12 05:34 AM
Chromium	ND		0.020	mg/L	1	02/24/12 05:34 AM
Lead	0.010		0.010	mg/L	1	02/24/12 05:34 AM
Selenium	ND		0.020	mg/L	1	02/24/12 05:34 AM
Silver	ND		0.0050	mg/L	1	02/24/12 05:34 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/23/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/24/12 10:12 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 10:12 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 10:12 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/24/12 10:12 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/24/12 10:12 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/24/12 10:12 PM
Hexachloroethane	ND		0.10	mg/L	1	02/24/12 10:12 PM
m-Cresol	ND		0.10	mg/L	1	02/24/12 10:12 PM
Nitrobenzene	ND		0.10	mg/L	1	02/24/12 10:12 PM
o-Cresol	ND		0.10	mg/L	1	02/24/12 10:12 PM
p-Cresol	ND		0.10	mg/L	1	02/24/12 10:12 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/24/12 10:12 PM
Pyridine	ND		0.40	mg/L	1	02/24/12 10:12 PM
Surr: 2,4,6-Tribromophenol	77.2		21-125	%REC	1	02/24/12 10:12 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: 1202544

Sample ID: WM-B02-S02-021612

Lab ID: 1202544-29

Collection Date: 02/16/12 10:35 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	68.6		39-94	%REC	1	02/24/12 10:12 PM
<i>Surr: 2-Fluorophenol</i>	53.8		10-75	%REC	1	02/24/12 10:12 PM
<i>Surr: 4-Terphenyl-d14</i>	76.0		26-119	%REC	1	02/24/12 10:12 PM
<i>Surr: Nitrobenzene-d5</i>	73.2		41-104	%REC	1	02/24/12 10:12 PM
<i>Surr: Phenol-d6</i>	32.2		11-50	%REC	1	02/24/12 10:12 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/20/12	Analyst: BG
1,1-Dichloroethene	ND		0.020	mg/L	20	02/24/12 05:17 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/24/12 05:17 AM
2-Butanone	ND		0.20	mg/L	20	02/24/12 05:17 AM
Benzene	ND		0.020	mg/L	20	02/24/12 05:17 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/24/12 05:17 AM
Chlorobenzene	ND		0.020	mg/L	20	02/24/12 05:17 AM
Chloroform	ND		0.020	mg/L	20	02/24/12 05:17 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/24/12 05:17 AM
Trichloroethene	ND		0.020	mg/L	20	02/24/12 05:17 AM
Vinyl chloride	ND		0.020	mg/L	20	02/24/12 05:17 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	104		70-130	%REC	20	02/24/12 05:17 AM
<i>Surr: 4-Bromofluorobenzene</i>	95.0		70-130	%REC	20	02/24/12 05:17 AM
<i>Surr: Dibromofluoromethane</i>	101		70-130	%REC	20	02/24/12 05:17 AM
<i>Surr: Toluene-d8</i>	97.3		70-130	%REC	20	02/24/12 05:17 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
Sample ID: WM-B03-S01-021612
Collection Date: 02/16/12 09:20 AM

Work Order: 1202544
Lab ID: 1202544-30
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	90.0		30-150	%REC	1	02/21/12 09:51 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 08:27 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 08:27 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 08:27 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 08:27 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 08:27 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 08:27 PM
Surr: Decachlorobiphenyl	75.0		30-135	%REC	1	02/25/12 08:27 PM
Surr: Tetrachloro-m-xylene	77.0		25-140	%REC	1	02/25/12 08:27 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/22/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/22/12 03:03 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/23/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/24/12 05:39 AM
Barium	0.71		0.050	mg/L	1	02/24/12 05:39 AM
Cadmium	ND		0.0020	mg/L	1	02/24/12 05:39 AM
Chromium	ND		0.020	mg/L	1	02/24/12 05:39 AM
Lead	ND		0.010	mg/L	1	02/24/12 05:39 AM
Selenium	ND		0.020	mg/L	1	02/24/12 05:39 AM
Silver	ND		0.0050	mg/L	1	02/24/12 05:39 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/23/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/24/12 10:39 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 10:39 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 10:39 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/24/12 10:39 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/24/12 10:39 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/24/12 10:39 PM
Hexachloroethane	ND		0.10	mg/L	1	02/24/12 10:39 PM
m-Cresol	ND		0.10	mg/L	1	02/24/12 10:39 PM
Nitrobenzene	ND		0.10	mg/L	1	02/24/12 10:39 PM
o-Cresol	ND		0.10	mg/L	1	02/24/12 10:39 PM
p-Cresol	ND		0.10	mg/L	1	02/24/12 10:39 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/24/12 10:39 PM
Pyridine	ND		0.40	mg/L	1	02/24/12 10:39 PM
Surr: 2,4,6-Tribromophenol	73.0		21-125	%REC	1	02/24/12 10:39 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: 1202544

Sample ID: WM-B03-S01-021612

Lab ID: 1202544-30

Collection Date: 02/16/12 09:20 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	63.4		39-94	%REC	1	02/24/12 10:39 PM
<i>Surr: 2-Fluorophenol</i>	54.4		10-75	%REC	1	02/24/12 10:39 PM
<i>Surr: 4-Terphenyl-d14</i>	74.5		26-119	%REC	1	02/24/12 10:39 PM
<i>Surr: Nitrobenzene-d5</i>	68.6		41-104	%REC	1	02/24/12 10:39 PM
<i>Surr: Phenol-d6</i>	33.6		11-50	%REC	1	02/24/12 10:39 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/20/12	Analyst: BG
1,1-Dichloroethene	ND		0.020	mg/L	20	02/24/12 04:54 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/24/12 04:54 AM
2-Butanone	ND		0.20	mg/L	20	02/24/12 04:54 AM
Benzene	ND		0.020	mg/L	20	02/24/12 04:54 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/24/12 04:54 AM
Chlorobenzene	ND		0.020	mg/L	20	02/24/12 04:54 AM
Chloroform	ND		0.020	mg/L	20	02/24/12 04:54 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/24/12 04:54 AM
Trichloroethene	ND		0.020	mg/L	20	02/24/12 04:54 AM
Vinyl chloride	ND		0.020	mg/L	20	02/24/12 04:54 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	104		70-130	%REC	20	02/24/12 04:54 AM
<i>Surr: 4-Bromofluorobenzene</i>	94.8		70-130	%REC	20	02/24/12 04:54 AM
<i>Surr: Dibromofluoromethane</i>	101		70-130	%REC	20	02/24/12 04:54 AM
<i>Surr: Toluene-d8</i>	97.2		70-130	%REC	20	02/24/12 04:54 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
Sample ID: WM-B03-S02-021612
Collection Date: 02/16/12 09:10 AM

Work Order: 1202544
Lab ID: 1202544-31
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	86.8		30-150	%REC	1	02/21/12 09:51 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 08:42 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 08:42 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 08:42 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 08:42 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 08:42 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 08:42 PM
Surr: Decachlorobiphenyl	74.0		30-135	%REC	1	02/25/12 08:42 PM
Surr: Tetrachloro-m-xylene	78.0		25-140	%REC	1	02/25/12 08:42 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/22/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/22/12 03:05 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/23/12	Analyst: RH
Arsenic	0.027		0.010	mg/L	1	02/24/12 05:53 AM
Barium	2.8		0.050	mg/L	1	02/24/12 05:53 AM
Cadmium	ND		0.0020	mg/L	1	02/24/12 05:53 AM
Chromium	ND		0.020	mg/L	1	02/24/12 05:53 AM
Lead	ND		0.010	mg/L	1	02/24/12 05:53 AM
Selenium	ND		0.020	mg/L	1	02/24/12 05:53 AM
Silver	ND		0.0050	mg/L	1	02/24/12 05:53 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/23/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/24/12 11:06 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 11:06 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 11:06 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/24/12 11:06 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/24/12 11:06 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/24/12 11:06 PM
Hexachloroethane	ND		0.10	mg/L	1	02/24/12 11:06 PM
m-Cresol	ND		0.10	mg/L	1	02/24/12 11:06 PM
Nitrobenzene	ND		0.10	mg/L	1	02/24/12 11:06 PM
o-Cresol	ND		0.10	mg/L	1	02/24/12 11:06 PM
p-Cresol	ND		0.10	mg/L	1	02/24/12 11:06 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/24/12 11:06 PM
Pyridine	ND		0.40	mg/L	1	02/24/12 11:06 PM
Surr: 2,4,6-Tribromophenol	80.9		21-125	%REC	1	02/24/12 11:06 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
Sample ID: WM-B03-S02-021612
Collection Date: 02/16/12 09:10 AM

Work Order: 1202544
Lab ID: 1202544-31
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	71.9		39-94	%REC	1	02/24/12 11:06 PM
<i>Surr: 2-Fluorophenol</i>	55.3		10-75	%REC	1	02/24/12 11:06 PM
<i>Surr: 4-Terphenyl-d14</i>	78.5		26-119	%REC	1	02/24/12 11:06 PM
<i>Surr: Nitrobenzene-d5</i>	75.6		41-104	%REC	1	02/24/12 11:06 PM
<i>Surr: Phenol-d6</i>	33.1		11-50	%REC	1	02/24/12 11:06 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/20/12	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	02/23/12 10:55 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/23/12 10:55 PM
2-Butanone	ND		0.20	mg/L	20	02/23/12 10:55 PM
Benzene	ND		0.020	mg/L	20	02/23/12 10:55 PM
Carbon tetrachloride	ND		0.020	mg/L	20	02/23/12 10:55 PM
Chlorobenzene	ND		0.020	mg/L	20	02/23/12 10:55 PM
Chloroform	ND		0.020	mg/L	20	02/23/12 10:55 PM
Tetrachloroethene	ND		0.020	mg/L	20	02/23/12 10:55 PM
Trichloroethene	ND		0.020	mg/L	20	02/23/12 10:55 PM
Vinyl chloride	ND		0.020	mg/L	20	02/23/12 10:55 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	104		70-130	%REC	20	02/23/12 10:55 PM
<i>Surr: 4-Bromofluorobenzene</i>	95.8		70-130	%REC	20	02/23/12 10:55 PM
<i>Surr: Dibromofluoromethane</i>	99.8		70-130	%REC	20	02/23/12 10:55 PM
<i>Surr: Toluene-d8</i>	98.9		70-130	%REC	20	02/23/12 10:55 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: 1202544

Sample ID: GC-B01-S01-021612

Lab ID: 1202544-32

Collection Date: 02/16/12 03:15 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 02/23/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/24/12 12:26 PM
2,4-D	ND		0.0050	mg/L	1	02/24/12 12:26 PM
Surr: DCAA	64.2		30-150	%REC	1	02/24/12 12:26 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/24/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	02/26/12 12:25 AM
Endrin	ND		0.00050	mg/L	1	02/26/12 12:25 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/26/12 12:25 AM
Heptachlor	ND		0.00025	mg/L	1	02/26/12 12:25 AM
Methoxychlor	ND		0.0025	mg/L	1	02/26/12 12:25 AM
Toxaphene	ND		0.020	mg/L	1	02/26/12 12:25 AM
Surr: Decachlorobiphenyl	70.0		30-135	%REC	1	02/26/12 12:25 AM
Surr: Tetrachloro-m-xylene	71.0		25-140	%REC	1	02/26/12 12:25 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/22/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/22/12 03:08 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/23/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/24/12 05:58 AM
Barium	0.85		0.050	mg/L	1	02/24/12 05:58 AM
Cadmium	0.011		0.0020	mg/L	1	02/24/12 05:58 AM
Chromium	ND		0.020	mg/L	1	02/24/12 05:58 AM
Lead	0.17		0.010	mg/L	1	02/24/12 05:58 AM
Selenium	ND		0.020	mg/L	1	02/24/12 05:58 AM
Silver	ND		0.0050	mg/L	1	02/24/12 05:58 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/23/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/24/12 08:26 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 08:26 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 08:26 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/24/12 08:26 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/24/12 08:26 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/24/12 08:26 PM
Hexachloroethane	ND		0.10	mg/L	1	02/24/12 08:26 PM
m-Cresol	ND		0.10	mg/L	1	02/24/12 08:26 PM
Nitrobenzene	ND		0.10	mg/L	1	02/24/12 08:26 PM
o-Cresol	ND		0.10	mg/L	1	02/24/12 08:26 PM
p-Cresol	ND		0.10	mg/L	1	02/24/12 08:26 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/24/12 08:26 PM
Pyridine	ND		0.40	mg/L	1	02/24/12 08:26 PM
Surr: 2,4,6-Tribromophenol	78.2		21-125	%REC	1	02/24/12 08:26 PM

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

24
3/13/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: GC-B01-S01-021612
Collection Date: 02/16/12 03:15 PM

Work Order: 1202544
Lab ID: 1202544-32
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	72.8		39-94	%REC	1	02/24/12 08:26 PM
<i>Surr: 2-Fluorophenol</i>	47.2		10-75	%REC	1	02/24/12 08:26 PM
<i>Surr: 4-Terphenyl-d14</i>	55.3		26-119	%REC	1	02/24/12 08:26 PM
<i>Surr: Nitrobenzene-d5</i>	76.7		41-104	%REC	1	02/24/12 08:26 PM
<i>Surr: Phenol-d6</i>	30.3		11-50	%REC	1	02/24/12 08:26 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/20/12	Analyst: BG
1,1-Dichloroethene	ND		0.020	mg/L	20	02/21/12 10:22 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/21/12 10:22 PM
2-Butanone	ND		0.20	mg/L	20	02/21/12 10:22 PM
Benzene	ND		0.020	mg/L	20	02/21/12 10:22 PM
Carbon tetrachloride	ND		0.020	mg/L	20	02/21/12 10:22 PM
Chlorobenzene	ND		0.020	mg/L	20	02/21/12 10:22 PM
Chloroform	ND		0.020	mg/L	20	02/21/12 10:22 PM
Tetrachloroethene	ND		0.020	mg/L	20	02/21/12 10:22 PM
Trichloroethene	ND		0.020	mg/L	20	02/21/12 10:22 PM
Vinyl chloride	ND		0.020	mg/L	20	02/21/12 10:22 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	97.6		70-130	%REC	20	02/21/12 10:22 PM
<i>Surr: 4-Bromofluorobenzene</i>	99.7		70-130	%REC	20	02/21/12 10:22 PM
<i>Surr: Dibromofluoromethane</i>	96.3		70-130	%REC	20	02/21/12 10:22 PM
<i>Surr: Toluene-d8</i>	101		70-130	%REC	20	02/21/12 10:22 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: 1202544

Sample ID: GC-B01-S01-021612-DP

Lab ID: 1202544-33

Collection Date: 02/16/12 03:15 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 02/23/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/24/12 12:26 PM
2,4-D	ND		0.0050	mg/L	1	02/24/12 12:26 PM
Surr: DCAA	73.4		30-150	%REC	1	02/24/12 12:26 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 08:57 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 08:57 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 08:57 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 08:57 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 08:57 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 08:57 PM
Surr: Decachlorobiphenyl	65.0		30-135	%REC	1	02/25/12 08:57 PM
Surr: Tetrachloro-m-xylene	72.0		25-140	%REC	1	02/25/12 08:57 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/22/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/22/12 03:32 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/23/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/24/12 06:22 AM
Barium	0.67		0.050	mg/L	1	02/24/12 06:22 AM
Cadmium	0.0096		0.0020	mg/L	1	02/24/12 06:22 AM
Chromium	ND		0.020	mg/L	1	02/24/12 06:22 AM
Lead	0.13		0.010	mg/L	1	02/24/12 06:22 AM
Selenium	ND		0.020	mg/L	1	02/24/12 06:22 AM
Silver	ND		0.0050	mg/L	1	02/24/12 06:22 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/23/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/24/12 11:33 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 11:33 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 11:33 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/24/12 11:33 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/24/12 11:33 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/24/12 11:33 PM
Hexachloroethane	ND		0.10	mg/L	1	02/24/12 11:33 PM
m-Cresol	ND		0.10	mg/L	1	02/24/12 11:33 PM
Nitrobenzene	ND		0.10	mg/L	1	02/24/12 11:33 PM
o-Cresol	ND		0.10	mg/L	1	02/24/12 11:33 PM
p-Cresol	ND		0.10	mg/L	1	02/24/12 11:33 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/24/12 11:33 PM
Pyridine	ND		0.40	mg/L	1	02/24/12 11:33 PM
Surr: 2,4,6-Tribromophenol	82.5		21-125	%REC	1	02/24/12 11:33 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: 1202544

Sample ID: GC-B01-S01-021612-DP

Lab ID: 1202544-33

Collection Date: 02/16/12 03:15 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	70.5		39-94	%REC	1	02/24/12 11:33 PM
<i>Surr: 2-Fluorophenol</i>	56.7		10-75	%REC	1	02/24/12 11:33 PM
<i>Surr: 4-Terphenyl-d14</i>	76.8		26-119	%REC	1	02/24/12 11:33 PM
<i>Surr: Nitrobenzene-d5</i>	75.1		41-104	%REC	1	02/24/12 11:33 PM
<i>Surr: Phenol-d6</i>	34.2		11-50	%REC	1	02/24/12 11:33 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/20/12	Analyst: BG
1,1-Dichloroethene	ND		0.020	mg/L	20	02/24/12 04:06 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/24/12 04:06 AM
2-Butanone	ND		0.20	mg/L	20	02/24/12 04:06 AM
Benzene	ND		0.020	mg/L	20	02/24/12 04:06 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/24/12 04:06 AM
Chlorobenzene	ND		0.020	mg/L	20	02/24/12 04:06 AM
Chloroform	ND		0.020	mg/L	20	02/24/12 04:06 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/24/12 04:06 AM
Trichloroethene	ND		0.020	mg/L	20	02/24/12 04:06 AM
Vinyl chloride	ND		0.020	mg/L	20	02/24/12 04:06 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	103		70-130	%REC	20	02/24/12 04:06 AM
<i>Surr: 4-Bromofluorobenzene</i>	95.3		70-130	%REC	20	02/24/12 04:06 AM
<i>Surr: Dibromofluoromethane</i>	102		70-130	%REC	20	02/24/12 04:06 AM
<i>Surr: Toluene-d8</i>	97.5		70-130	%REC	20	02/24/12 04:06 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: 1202544

Sample ID: GC-B02-S01-021612

Lab ID: 1202544-34

Collection Date: 02/16/12 04:40 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 02/23/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/24/12 12:26 PM
2,4-D	ND		0.0050	mg/L	1	02/24/12 12:26 PM
Surr: DCAA	60.8		30-150	%REC	1	02/24/12 12:26 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	02/25/12 09:12 PM
Endrin	ND		0.00050	mg/L	1	02/25/12 09:12 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	02/25/12 09:12 PM
Heptachlor	ND		0.00025	mg/L	1	02/25/12 09:12 PM
Methoxychlor	ND		0.0025	mg/L	1	02/25/12 09:12 PM
Toxaphene	ND		0.020	mg/L	1	02/25/12 09:12 PM
Surr: Decachlorobiphenyl	70.0		30-135	%REC	1	02/25/12 09:12 PM
Surr: Tetrachloro-m-xylene	68.0		25-140	%REC	1	02/25/12 09:12 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/22/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/22/12 03:35 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/23/12	Analyst: RH
Arsenic	0.010		0.010	mg/L	1	02/24/12 06:26 AM
Barium	0.90		0.050	mg/L	1	02/24/12 06:26 AM
Cadmium	ND		0.0020	mg/L	1	02/24/12 06:26 AM
Chromium	ND		0.020	mg/L	1	02/24/12 06:26 AM
Lead	0.016		0.010	mg/L	1	02/24/12 06:26 AM
Selenium	ND		0.020	mg/L	1	02/24/12 06:26 AM
Silver	ND		0.0050	mg/L	1	02/24/12 06:26 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/23/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/24/12 11:59 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 11:59 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/24/12 11:59 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/24/12 11:59 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/24/12 11:59 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/24/12 11:59 PM
Hexachloroethane	ND		0.10	mg/L	1	02/24/12 11:59 PM
m-Cresol	ND		0.10	mg/L	1	02/24/12 11:59 PM
Nitrobenzene	ND		0.10	mg/L	1	02/24/12 11:59 PM
o-Cresol	ND		0.10	mg/L	1	02/24/12 11:59 PM
p-Cresol	ND		0.10	mg/L	1	02/24/12 11:59 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/24/12 11:59 PM
Pyridine	ND		0.40	mg/L	1	02/24/12 11:59 PM
Surr: 2,4,6-Tribromophenol	77.7		21-125	%REC	1	02/24/12 11:59 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: 1202544

Sample ID: GC-B02-S01-021612

Lab ID: 1202544-34

Collection Date: 02/16/12 04:40 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	68.8		39-94	%REC	1	02/24/12 11:59 PM
<i>Surr: 2-Fluorophenol</i>	55.2		10-75	%REC	1	02/24/12 11:59 PM
<i>Surr: 4-Terphenyl-d14</i>	76.0		26-119	%REC	1	02/24/12 11:59 PM
<i>Surr: Nitrobenzene-d5</i>	73.1		41-104	%REC	1	02/24/12 11:59 PM
<i>Surr: Phenol-d6</i>	33.0		11-50	%REC	1	02/24/12 11:59 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/20/12	Analyst: BG
1,1-Dichloroethene	ND		0.020	mg/L	20	02/24/12 04:30 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/24/12 04:30 AM
2-Butanone	ND		0.20	mg/L	20	02/24/12 04:30 AM
Benzene	ND		0.020	mg/L	20	02/24/12 04:30 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/24/12 04:30 AM
Chlorobenzene	ND		0.020	mg/L	20	02/24/12 04:30 AM
Chloroform	ND		0.020	mg/L	20	02/24/12 04:30 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/24/12 04:30 AM
Trichloroethene	ND		0.020	mg/L	20	02/24/12 04:30 AM
Vinyl chloride	ND		0.020	mg/L	20	02/24/12 04:30 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	106		70-130	%REC	20	02/24/12 04:30 AM
<i>Surr: 4-Bromofluorobenzene</i>	95.3		70-130	%REC	20	02/24/12 04:30 AM
<i>Surr: Dibromofluoromethane</i>	102		70-130	%REC	20	02/24/12 04:30 AM
<i>Surr: Toluene-d8</i>	97.2		70-130	%REC	20	02/24/12 04:30 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: 1202544

Sample ID: Trip Blank CLR #1

Lab ID: 1202544-35

Collection Date: 02/15/12

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: BG
1,1,1-Trichloroethane	ND		0.050	mg/Kg	50	02/21/12 03:23 AM
1,1,2,2-Tetrachloroethane	ND		0.10	mg/Kg	50	02/21/12 03:23 AM
1,1,2-Trichloroethane	ND		0.10	mg/Kg	50	02/21/12 03:23 AM
1,1,2-Trichlorotrifluoroethane	ND		0.050	mg/Kg	50	02/21/12 03:23 AM
1,1-Dichloroethane	ND		0.050	mg/Kg	50	02/21/12 03:23 AM
1,1-Dichloroethene	ND		0.050	mg/Kg	50	02/21/12 03:23 AM
1,2,4-Trichlorobenzene	ND		0.050	mg/Kg	50	02/21/12 03:23 AM
1,2-Dibromo-3-chloropropane	ND		0.10	mg/Kg	50	02/21/12 03:23 AM
1,2-Dibromoethane	ND		0.075	mg/Kg	50	02/21/12 03:23 AM
1,2-Dichlorobenzene	ND		0.050	mg/Kg	50	02/21/12 03:23 AM
1,2-Dichloroethane	ND		0.050	mg/Kg	50	02/21/12 03:23 AM
1,2-Dichloropropane	ND		0.18	mg/Kg	50	02/21/12 03:23 AM
1,3-Dichlorobenzene	ND		0.050	mg/Kg	50	02/21/12 03:23 AM
1,4-Dichlorobenzene	ND		0.050	mg/Kg	50	02/21/12 03:23 AM
2-Butanone	ND		0.38	mg/Kg	50	02/21/12 03:23 AM
2-Hexanone	ND		0.25	mg/Kg	50	02/21/12 03:23 AM
4-Methyl-2-pentanone	ND		0.25	mg/Kg	50	02/21/12 03:23 AM
Acetone	ND		0.22	mg/Kg	50	02/21/12 03:23 AM
Benzene	ND		0.050	mg/Kg	50	02/21/12 03:23 AM
Bromodichloromethane	ND		0.075	mg/Kg	50	02/21/12 03:23 AM
Bromoform	ND		0.050	mg/Kg	50	02/21/12 03:23 AM
Bromomethane	ND		0.075	mg/Kg	50	02/21/12 03:23 AM
Carbon disulfide	ND		0.075	mg/Kg	50	02/21/12 03:23 AM
Carbon tetrachloride	ND		0.050	mg/Kg	50	02/21/12 03:23 AM
Chlorobenzene	ND		0.075	mg/Kg	50	02/21/12 03:23 AM
Chloroethane	ND		0.15	mg/Kg	50	02/21/12 03:23 AM
Chloroform	ND		0.050	mg/Kg	50	02/21/12 03:23 AM
Chloromethane	ND		0.15	mg/Kg	50	02/21/12 03:23 AM
cis-1,2-Dichloroethene	ND		0.10	mg/Kg	50	02/21/12 03:23 AM
cis-1,3-Dichloropropene	ND		0.050	mg/Kg	50	02/21/12 03:23 AM
Cyclohexane	ND		0.050	mg/Kg	50	02/21/12 03:23 AM
Dibromochloromethane	ND		0.10	mg/Kg	50	02/21/12 03:23 AM
Dichlorodifluoromethane	ND		0.050	mg/Kg	50	02/21/12 03:23 AM
Ethylbenzene	ND		0.10	mg/Kg	50	02/21/12 03:23 AM
Isopropylbenzene	ND		0.050	mg/Kg	50	02/21/12 03:23 AM
Methyl acetate	ND		0.10	mg/Kg	50	02/21/12 03:23 AM
Methyl tert-butyl ether	ND		0.075	mg/Kg	50	02/21/12 03:23 AM
Methylcyclohexane	ND		1.0	mg/Kg	50	02/21/12 03:23 AM
Methylene chloride	ND		0.10	mg/Kg	50	02/21/12 03:23 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: 1202544

Sample ID: Trip Blank CLR #1

Lab ID: 1202544-35

Collection Date: 02/15/12

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		0.075	mg/Kg	50	02/21/12 03:23 AM
Tetrachloroethene	ND		0.050	mg/Kg	50	02/21/12 03:23 AM
Toluene	ND		0.075	mg/Kg	50	02/21/12 03:23 AM
trans-1,2-Dichloroethene	ND		0.050	mg/Kg	50	02/21/12 03:23 AM
trans-1,3-Dichloropropene	ND		0.075	mg/Kg	50	02/21/12 03:23 AM
Trichloroethene	ND		0.050	mg/Kg	50	02/21/12 03:23 AM
Trichlorofluoromethane	ND		0.050	mg/Kg	50	02/21/12 03:23 AM
Vinyl chloride	ND		0.10	mg/Kg	50	02/21/12 03:23 AM
Xylenes, Total	ND		0.15	mg/Kg	50	02/21/12 03:23 AM
Surr: 1,2-Dichloroethane-d4	98.0		70-120	%REC	50	02/21/12 03:23 AM
Surr: 4-Bromofluorobenzene	99.1		75-120	%REC	50	02/21/12 03:23 AM
Surr: Dibromofluoromethane	91.8		85-115	%REC	50	02/21/12 03:23 AM
Surr: Toluene-d8	102		85-115	%REC	50	02/21/12 03:23 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: 1202544

Sample ID: Trip Blank CLR #2

Lab ID: 1202544-36

Collection Date: 02/16/12

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	02/23/12 08:07 PM
1,1,2,2-Tetrachloroethane	ND		0.10	mg/Kg	50	02/23/12 08:07 PM
1,1,2-Trichloroethane	ND		0.10	mg/Kg	50	02/23/12 08:07 PM
1,1,2-Trichlorotrifluoroethane	ND		0.050	mg/Kg	50	02/23/12 08:07 PM
1,1-Dichloroethane	ND		0.050	mg/Kg	50	02/23/12 08:07 PM
1,1-Dichloroethene	ND		0.050	mg/Kg	50	02/23/12 08:07 PM
1,2,4-Trichlorobenzene	ND		0.050	mg/Kg	50	02/23/12 08:07 PM
1,2-Dibromo-3-chloropropane	ND		0.10	mg/Kg	50	02/23/12 08:07 PM
1,2-Dibromoethane	ND		0.075	mg/Kg	50	02/23/12 08:07 PM
1,2-Dichlorobenzene	ND		0.050	mg/Kg	50	02/23/12 08:07 PM
1,2-Dichloroethane	ND		0.050	mg/Kg	50	02/23/12 08:07 PM
1,2-Dichloropropane	ND		0.18	mg/Kg	50	02/23/12 08:07 PM
1,3-Dichlorobenzene	ND		0.050	mg/Kg	50	02/23/12 08:07 PM
1,4-Dichlorobenzene	ND		0.050	mg/Kg	50	02/23/12 08:07 PM
2-Butanone	ND		0.38	mg/Kg	50	02/23/12 08:07 PM
2-Hexanone	ND		0.25	mg/Kg	50	02/23/12 08:07 PM
4-Methyl-2-pentanone	ND		0.25	mg/Kg	50	02/23/12 08:07 PM
Acetone	ND		0.22	mg/Kg	50	02/23/12 08:07 PM
Benzene	ND		0.050	mg/Kg	50	02/23/12 08:07 PM
Bromodichloromethane	ND		0.075	mg/Kg	50	02/23/12 08:07 PM
Bromoform	ND		0.050	mg/Kg	50	02/23/12 08:07 PM
Bromomethane	ND		0.075	mg/Kg	50	02/23/12 08:07 PM
Carbon disulfide	ND		0.075	mg/Kg	50	02/23/12 08:07 PM
Carbon tetrachloride	ND		0.050	mg/Kg	50	02/23/12 08:07 PM
Chlorobenzene	ND		0.075	mg/Kg	50	02/23/12 08:07 PM
Chloroethane	ND		0.15	mg/Kg	50	02/23/12 08:07 PM
Chloroform	ND		0.050	mg/Kg	50	02/23/12 08:07 PM
Chloromethane	ND		0.15	mg/Kg	50	02/23/12 08:07 PM
cis-1,2-Dichloroethene	ND		0.10	mg/Kg	50	02/23/12 08:07 PM
cis-1,3-Dichloropropene	ND		0.050	mg/Kg	50	02/23/12 08:07 PM
Cyclohexane	ND		0.050	mg/Kg	50	02/23/12 08:07 PM
Dibromochloromethane	ND		0.10	mg/Kg	50	02/23/12 08:07 PM
Dichlorodifluoromethane	ND		0.050	mg/Kg	50	02/23/12 08:07 PM
Ethylbenzene	ND		0.10	mg/Kg	50	02/23/12 08:07 PM
Isopropylbenzene	ND		0.050	mg/Kg	50	02/23/12 08:07 PM
Methyl acetate	ND		0.55	mg/Kg	50	02/23/12 08:07 PM
Methyl tert-butyl ether	ND		0.075	mg/Kg	50	02/23/12 08:07 PM
Methylcyclohexane	ND		1.0	mg/Kg	50	02/23/12 08:07 PM
Methylene chloride	ND		0.10	mg/Kg	50	02/23/12 08:07 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: 1202544

Sample ID: Trip Blank CLR #2

Lab ID: 1202544-36

Collection Date: 02/16/12

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		0.075	mg/Kg	50	02/23/12 08:07 PM
Tetrachloroethene	ND		0.050	mg/Kg	50	02/23/12 08:07 PM
Toluene	ND		0.075	mg/Kg	50	02/23/12 08:07 PM
trans-1,2-Dichloroethene	ND		0.050	mg/Kg	50	02/23/12 08:07 PM
trans-1,3-Dichloropropene	ND		0.075	mg/Kg	50	02/23/12 08:07 PM
Trichloroethene	ND		0.050	mg/Kg	50	02/23/12 08:07 PM
Trichlorofluoromethane	ND		0.050	mg/Kg	50	02/23/12 08:07 PM
Vinyl chloride	ND		0.10	mg/Kg	50	02/23/12 08:07 PM
Xylenes, Total	ND		0.15	mg/Kg	50	02/23/12 08:07 PM
Surr: 1,2-Dichloroethane-d4	106		70-120	%REC	50	02/23/12 08:07 PM
Surr: 4-Bromofluorobenzene	91.9		75-120	%REC	50	02/23/12 08:07 PM
Surr: Dibromofluoromethane	98.9		85-115	%REC	50	02/23/12 08:07 PM
Surr: Toluene-d8	99.7		85-115	%REC	50	02/23/12 08:07 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 16, 2012

Laboratory: ALS Environmental (ALS), Holland, Michigan

Laboratory Project #: 1202557

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 two water 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 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.

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
GC-B02-W01-021712	1202557-01	Water	2/17/2012	2/27/2012
LD-B02-W01-021712	1202557-02	Water	2/17/2012	2/27/2012
Trip Blank	1202557-05	Water	2/17/2012	2/27/2012

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.

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 for samples in this work order using the MS/MSD.

7. Field Duplicate Results

Field duplicate samples are not included in the work order associated with this data review.

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
GC-B02-W01-021712	1202557-03	Water	2/17/2012	2/27/2012
LD-B02-W01-021712	1202557-04	Water	2/17/2012	2/27/2012

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.

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 for samples in this work order using the MS/MSD.

7. Field Duplicate Results

Field duplicate samples are not included in the work order associated with this data review.

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
GC-B02-W01-021712	1202557-01	Water	2/17/2012	2/22/2012	2/24/2012
LD-B02-W01-021712	1202557-02	Water	2/17/2012	2/22/2012	2/24/2012

2. Holding Times

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

3. Blanks

Method blanks were analyzed with the 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 samples and no qualifications are warranted.

6. MS and MSD Results

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

7. **Field Duplicate Results**

Field duplicate samples are not included in the work order associated with this data review.

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
GC-B02-W01-021712	1202557-03	Water	2/17/2012	2/22/2012	2/24/2012
LD-B02-W01-021712	1202557-04	Water	2/17/2012	2/22/2012	2/24/2012

2. **Holding Times**

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

3. **Blanks**

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

7. **Field Duplicate Results**

Field duplicate samples are not included in the work order associated with this data review.

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
GC-B02-W01-021712	1202557-01	Water	2/17/2012	2/22/2012	2/24/2012
LD-B02-W01-021712	1202557-02	Water	2/17/2012	2/22/2012	2/24/2012

2. **Holding Times**

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

3. **Blanks**

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

4. **Surrogates**

The surrogate recoveries were within QC limits.

5. **LCS Results**

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

6. **MS and MSD Results**

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

7. **Field Duplicate Results**

Field duplicate samples are not included in the work order associated with this data review.

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
GC-B02-W01-021712	1202557-01	Water	2/17/2012	2/22/2012	2/23/2012
LD-B02-W01-021712	1202557-02	Water	2/17/2012	2/22/2012	2/23/2012

2. Holding Times

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

3. Blanks

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

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

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

6. MS and MSD Results

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

7. **Field Duplicate Results**

Field duplicate samples are not included in the work order associated with this data review.

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
GC-B02-W01-021712	1202557-03	Water	2/17/2012	2/22/2012	2/22/2012
LD-B02-W01-021712	1202557-04	Water	2/17/2012	2/22/2012	2/22/2012

2. **Holding Times**

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

3. **Blanks**

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

4. **Surrogates**

The surrogate recoveries were within QC limits.

5. **LCS Results**

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

6. MS and MSD Results

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

7. Field Duplicate Results

Field duplicate samples are not included in the work order associated with this data review.

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
GC-B02-W01-021712	1202557-01	Water	2/17/2012	2/23/2012	2/24/2012
LD-B02-W01-021712	1202557-02	Water	2/17/2012	2/23/2012	2/24/2012

2. Holding Times

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

3. Blanks

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

4. Surrogates

The surrogate recoveries were within QC limits.

5. **LCS Results**

The LCS 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.

7. **Field Duplicate Results**

Field duplicate samples are not included in the work order associated with this data review.

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
GC-B02-W01-021712	1202557-03	Water	2/17/2012	2/23/2012	2/24/2012
LD-B02-W01-021712	1202557-04	Water	2/17/2012	2/23/2012	2/24/2012

2. **Holding Times**

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

3. **Blanks**

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

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

The LCS 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.

7. Field Duplicate Results

Field duplicate samples are not included in the work order associated with this data review.

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
GC-B02-W01-021712	1202557-01	Water	2/17/2012	2/22/2012 – 2/28/2012
LD-B02-W01-021712	1202557-02	Water	2/17/2012	2/22/2012 – 2/29/2012

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 a sample from another work order. No qualifications are required.

6. Field Duplicate Results

Field duplicate samples are not included in the work order associated with this data review.

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
GC-B02-W01-021712	1202557-03	Water	2/17/2012	2/22/2012 – 2/25/2012
LD-B02-W01-021712	1202557-04	Water	2/17/2012	2/22/2012 – 2/25/2012

2. Holding Times

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

3. Blank Results

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

4. LCS Results

The LCS and LCSD recoveries and RPDs 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

Field duplicate samples are not included in the work order associated with this data review.

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
GC-B02-W01-021712	1202557-01	Water	2/17/2012	2/21/2012 – 2/27/2012
LD-B02-W01-021712	1202557-02	Water	2/17/2012	2/21/2012 – 2/27/2012

2. Holding Times

The methods state that flashpoint and pH should be analyzed as soon as possible. For pH, the sample was analyzed 4 days from collection which seems a little excessive for pH in water. The pH results were flagged “J” as estimated.

The flashpoint analysis holding time is fairly high at approximately 10 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

Field duplicate samples are not included in the work orders associated with this data review.

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 #: 1202557

ATTACHMENT

**ALS ENVIRONMENTAL
RESULTS SUMMARY WITH QUALIFIERS**

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
WorkOrder: 1202557

**QUALIFIERS,
ACRONYMS, UNITS**

<u>Qualifier</u>	<u>Description</u>
*	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

<u>Acronym</u>	<u>Description</u>
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

<u>Units Reported</u>	<u>Description</u>
°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: 1202557

Sample ID: GC-B02-W01-021712

Lab ID: 1202557-01

Collection Date: 02/17/12 09:48 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/23/12	Analyst: JD
2,4,5-T	ND		0.0010	mg/L	1	02/24/12 12:26 PM
2,4,5-TP (Silvex)	ND		0.0020	mg/L	1	02/24/12 12:26 PM
2,4-D	ND		0.0020	mg/L	1	02/24/12 12:26 PM
Surr: DCAA	90.0		30-150	%REC	1	02/24/12 12:26 PM
PCBS			SW8082		Prep Date: 02/22/12	Analyst: JD
Aroclor 1016	ND		0.00040	mg/L	1	02/24/12 10:28 AM
Aroclor 1221	ND		0.00040	mg/L	1	02/24/12 10:28 AM
Aroclor 1232	ND		0.00040	mg/L	1	02/24/12 10:28 AM
Aroclor 1242	ND		0.00040	mg/L	1	02/24/12 10:28 AM
Aroclor 1248	ND		0.00040	mg/L	1	02/24/12 10:28 AM
Aroclor 1254	ND		0.00040	mg/L	1	02/24/12 10:28 AM
Aroclor 1260	ND		0.00040	mg/L	1	02/24/12 10:28 AM
Surr: Decachlorobiphenyl	54.0		40-140	%REC	1	02/24/12 10:28 AM
PESTICIDES			SW8081		Prep Date: 02/22/12	Analyst: JD
4,4'-DDD	ND		0.000020	mg/L	1	02/23/12 01:55 AM
4,4'-DDE	ND		0.000020	mg/L	1	02/23/12 01:55 AM
4,4'-DDT	ND		0.000020	mg/L	1	02/23/12 01:55 AM
Aldrin	ND		0.000010	mg/L	1	02/23/12 01:55 AM
alpha-BHC	ND		0.000010	mg/L	1	02/23/12 01:55 AM
alpha-Chlordane	ND		0.000020	mg/L	1	02/23/12 01:55 AM
beta-BHC	ND		0.000010	mg/L	1	02/23/12 01:55 AM
Chlordane, Technical	ND		0.00050	mg/L	1	02/23/12 01:55 AM
delta-BHC	ND		0.000010	mg/L	1	02/23/12 01:55 AM
Dieldrin	ND		0.000020	mg/L	1	02/23/12 01:55 AM
Endosulfan I	ND		0.000020	mg/L	1	02/23/12 01:55 AM
Endosulfan II	ND		0.000020	mg/L	1	02/23/12 01:55 AM
Endosulfan sulfate	ND		0.000020	mg/L	1	02/23/12 01:55 AM
Endrin	ND		0.000020	mg/L	1	02/23/12 01:55 AM
Endrin aldehyde	ND		0.000020	mg/L	1	02/23/12 01:55 AM
Endrin ketone	ND		0.000020	mg/L	1	02/23/12 01:55 AM
gamma-BHC (Lindane)	ND		0.000010	mg/L	1	02/23/12 01:55 AM
gamma-Chlordane	ND		0.000020	mg/L	1	02/23/12 01:55 AM
Heptachlor	ND		0.000010	mg/L	1	02/23/12 01:55 AM
Heptachlor epoxide	ND		0.000010	mg/L	1	02/23/12 01:55 AM
Hexachlorobenzene	ND		0.000010	mg/L	1	02/23/12 01:55 AM
Methoxychlor	ND		0.000040	mg/L	1	02/23/12 01:55 AM
Toxaphene	ND		0.0020	mg/L	1	02/23/12 01:55 AM
Surr: Decachlorobiphenyl	83.0		30-145	%REC	1	02/23/12 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: 1202557

Sample ID: GC-B02-W01-021712

Lab ID: 1202557-01

Collection Date: 02/17/12 09:48 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Tetrachloro-m-xylene</i>	51.0		25-140	%REC	1	02/23/12 01:55 AM
MERCURY BY CVAA			SW7470		Prep Date: 02/22/12	Analyst: LR
Mercury	ND		0.00020	mg/L	1	02/22/12 03:15 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/24/12	Analyst: RH
Aluminum	0.11		0.010	mg/L	1	02/25/12 12:41 PM
Antimony	ND		0.0050	mg/L	1	02/25/12 12:41 PM
Arsenic	ND		0.0050	mg/L	1	02/25/12 12:41 PM
Barium	0.22		0.0050	mg/L	1	02/25/12 12:41 PM
Beryllium	ND		0.0020	mg/L	1	02/25/12 12:41 PM
Boron	2.9		0.20	mg/L	10	02/28/12 04:33 PM
Cadmium	ND		0.0020	mg/L	1	02/25/12 12:41 PM
Calcium	390		5.0	mg/L	10	02/28/12 04:33 PM
Chromium	ND		0.0050	mg/L	1	02/25/12 12:41 PM
Cobalt	ND		0.0050	mg/L	1	02/25/12 12:41 PM
Copper	ND		0.0050	mg/L	1	02/25/12 12:41 PM
Iron	0.33		0.080	mg/L	1	02/25/12 12:41 PM
Lead	0.030		0.0050	mg/L	1	02/25/12 12:41 PM
Magnesium	130		0.20	mg/L	1	02/25/12 12:41 PM
Manganese	0.48		0.0050	mg/L	1	02/25/12 12:41 PM
Nickel	0.0051		0.0050	mg/L	1	02/25/12 12:41 PM
Potassium	20		0.20	mg/L	1	02/25/12 12:41 PM
Selenium	ND		0.0050	mg/L	1	02/25/12 12:41 PM
Silver	ND		0.0050	mg/L	1	02/25/12 12:41 PM
Sodium	42		0.20	mg/L	1	02/25/12 12:41 PM
Thallium	ND		0.0050	mg/L	1	02/25/12 12:41 PM
Vanadium	ND		0.0050	mg/L	1	02/25/12 12:41 PM
Zinc	0.057		0.010	mg/L	1	02/25/12 12:41 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/22/12	Analyst: HL
1,1'-Biphenyl	ND		0.0050	mg/L	1	02/24/12 05:06 AM
2,4,5-Trichlorophenol	ND		0.0050	mg/L	1	02/24/12 05:06 AM
2,4,6-Trichlorophenol	ND		0.0050	mg/L	1	02/24/12 05:06 AM
2,4-Dichlorophenol	ND		0.010	mg/L	1	02/24/12 05:06 AM
2,4-Dimethylphenol	ND		0.0050	mg/L	1	02/24/12 05:06 AM
2,4-Dinitrophenol	ND		0.0050	mg/L	1	02/24/12 05:06 AM
2,4-Dinitrotoluene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
2,6-Dinitrotoluene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
2-Chloronaphthalene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
2-Chlorophenol	ND		0.0050	mg/L	1	02/24/12 05:06 AM
2-Methylnaphthalene	ND		0.0050	mg/L	1	02/24/12 05:06 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: 1202557

Sample ID: GC-B02-W01-021712

Lab ID: 1202557-01

Collection Date: 02/17/12 09:48 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Methylphenol	ND		0.0050	mg/L	1	02/24/12 05:06 AM
2-Nitroaniline	ND		0.020	mg/L	1	02/24/12 05:06 AM
2-Nitrophenol	ND		0.0050	mg/L	1	02/24/12 05:06 AM
3,3'-Dichlorobenzidine	ND		0.0050	mg/L	1	02/24/12 05:06 AM
3-Nitroaniline	ND		0.020	mg/L	1	02/24/12 05:06 AM
4,6-Dinitro-2-methylphenol	ND		0.020	mg/L	1	02/24/12 05:06 AM
4-Bromophenyl phenyl ether	ND		0.0050	mg/L	1	02/24/12 05:06 AM
4-Chloro-3-methylphenol	ND		0.0050	mg/L	1	02/24/12 05:06 AM
4-Chloroaniline	ND		0.020	mg/L	1	02/24/12 05:06 AM
4-Chlorophenyl phenyl ether	ND		0.0050	mg/L	1	02/24/12 05:06 AM
4-Methylphenol	ND		0.0050	mg/L	1	02/24/12 05:06 AM
4-Nitroaniline	ND		0.020	mg/L	1	02/24/12 05:06 AM
4-Nitrophenol	ND		0.020	mg/L	1	02/24/12 05:06 AM
Acenaphthene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Acenaphthylene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Acetophenone	ND		0.0010	mg/L	1	02/24/12 05:06 AM
Anthracene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Atrazine	ND		0.010	mg/L	1	02/24/12 05:06 AM
Benzaldehyde	ND		0.0010	mg/L	1	02/24/12 05:06 AM
Benzo(a)anthracene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Benzo(a)pyrene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Benzo(b)fluoranthene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Benzo(g,h,i)perylene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Benzo(k)fluoranthene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Bis(2-chloroethoxy)methane	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Bis(2-chloroethyl)ether	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Bis(2-chloroisopropyl)ether	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Bis(2-ethylhexyl)phthalate	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Butyl benzyl phthalate	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Caprolactam	ND		0.010	mg/L	1	02/24/12 05:06 AM
Carbazole	ND		0.010	mg/L	1	02/24/12 05:06 AM
Chrysene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Dibenzo(a,h)anthracene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Dibenzofuran	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Diethyl phthalate	ND		0.020	mg/L	1	02/24/12 05:06 AM
Dimethyl phthalate	ND		0.020	mg/L	1	02/24/12 05:06 AM
Di-n-butyl phthalate	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Di-n-octyl phthalate	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Fluoranthene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Fluorene	ND		0.0050	mg/L	1	02/24/12 05:06 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: 1202557

Sample ID: GC-B02-W01-021712

Lab ID: 1202557-01

Collection Date: 02/17/12 09:48 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobenzene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Hexachlorobutadiene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Hexachlorocyclopentadiene	ND		0.020	mg/L	1	02/24/12 05:06 AM
Hexachloroethane	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Indeno(1,2,3-cd)pyrene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Isophorone	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Naphthalene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Nitrobenzene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
N-Nitrosodi-n-propylamine	ND		0.0050	mg/L	1	02/24/12 05:06 AM
N-Nitrosodiphenylamine	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Pentachlorophenol	ND		0.020	mg/L	1	02/24/12 05:06 AM
Phenanthrene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Phenol	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Pyrene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
<i>Surr: 2,4,6-Tribromophenol</i>	79.7		21-125	%REC	1	02/24/12 05:06 AM
<i>Surr: 2-Fluorobiphenyl</i>	55.4		36-94	%REC	1	02/24/12 05:06 AM
<i>Surr: 2-Fluorophenol</i>	35.4		10-75	%REC	1	02/24/12 05:06 AM
<i>Surr: 4-Terphenyl-d14</i>	59.7		26-119	%REC	1	02/24/12 05:06 AM
<i>Surr: Nitrobenzene-d5</i>	52.3		41-104	%REC	1	02/24/12 05:06 AM
<i>Surr: Phenol-d6</i>	23.1		11-50	%REC	1	02/24/12 05:06 AM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: BG

1,1,1-Trichloroethane	ND		0.0010	mg/L	1	02/27/12 03:03 PM
1,1,2,2-Tetrachloroethane	ND		0.0010	mg/L	1	02/27/12 03:03 PM
1,1,2-Trichloroethane	ND		0.0010	mg/L	1	02/27/12 03:03 PM
1,1,2-Trichlorotrifluoroethane	ND		0.0010	mg/L	1	02/27/12 03:03 PM
1,1-Dichloroethane	ND		0.0010	mg/L	1	02/27/12 03:03 PM
1,1-Dichloroethene	ND		0.0010	mg/L	1	02/27/12 03:03 PM
1,2,4-Trichlorobenzene	ND		0.0010	mg/L	1	02/27/12 03:03 PM
1,2-Dibromo-3-chloropropane	ND		0.0010	mg/L	1	02/27/12 03:03 PM
1,2-Dibromoethane	ND		0.0010	mg/L	1	02/27/12 03:03 PM
1,2-Dichlorobenzene	ND		0.0010	mg/L	1	02/27/12 03:03 PM
1,2-Dichloroethane	ND		0.0010	mg/L	1	02/27/12 03:03 PM
1,2-Dichloropropane	ND		0.0020	mg/L	1	02/27/12 03:03 PM
1,3-Dichlorobenzene	ND		0.0020	mg/L	1	02/27/12 03:03 PM
1,4-Dichlorobenzene	ND		0.0020	mg/L	1	02/27/12 03:03 PM
2-Butanone	ND		0.0050	mg/L	1	02/27/12 03:03 PM
2-Hexanone	ND		0.0050	mg/L	1	02/27/12 03:03 PM
4-Methyl-2-pentanone	ND		0.0050	mg/L	1	02/27/12 03:03 PM
Acetone	ND		0.020	mg/L	1	02/27/12 03:03 PM
Benzene	ND		0.0010	mg/L	1	02/27/12 03:03 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
Sample ID: GC-B02-W01-021712
Collection Date: 02/17/12 09:48 AM

Work Order: 1202557
Lab ID: 1202557-01
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromodichloromethane	ND		0.0010	mg/L	1	02/27/12 03:03 PM
Bromoform	ND		0.0010	mg/L	1	02/27/12 03:03 PM
Bromomethane	ND		0.0010	mg/L	1	02/27/12 03:03 PM
Carbon disulfide	ND		0.0025	mg/L	1	02/27/12 03:03 PM
Carbon tetrachloride	ND		0.0010	mg/L	1	02/27/12 03:03 PM
Chlorobenzene	ND		0.0010	mg/L	1	02/27/12 03:03 PM
Chloroethane	ND		0.0010	mg/L	1	02/27/12 03:03 PM
Chloroform	ND		0.0010	mg/L	1	02/27/12 03:03 PM
Chloromethane	ND		0.0010	mg/L	1	02/27/12 03:03 PM
cis-1,2-Dichloroethene	ND		0.0010	mg/L	1	02/27/12 03:03 PM
cis-1,3-Dichloropropene	ND		0.0010	mg/L	1	02/27/12 03:03 PM
Cyclohexane	ND		0.0050	mg/L	1	02/27/12 03:03 PM
Dibromochloromethane	ND		0.0010	mg/L	1	02/27/12 03:03 PM
Dichlorodifluoromethane	ND		0.0010	mg/L	1	02/27/12 03:03 PM
Ethylbenzene	ND		0.0010	mg/L	1	02/27/12 03:03 PM
Isopropylbenzene	ND		0.0010	mg/L	1	02/27/12 03:03 PM
Methyl acetate	ND		0.0020	mg/L	1	02/27/12 03:03 PM
Methyl tert-butyl ether	ND		0.0050	mg/L	1	02/27/12 03:03 PM
Methylcyclohexane	ND		0.0050	mg/L	1	02/27/12 03:03 PM
Methylene chloride	ND		0.0050	mg/L	1	02/27/12 03:03 PM
Styrene	ND		0.0010	mg/L	1	02/27/12 03:03 PM
Tetrachloroethene	ND		0.0020	mg/L	1	02/27/12 03:03 PM
Toluene	ND		0.0010	mg/L	1	02/27/12 03:03 PM
trans-1,2-Dichloroethene	ND		0.0010	mg/L	1	02/27/12 03:03 PM
trans-1,3-Dichloropropene	ND		0.0010	mg/L	1	02/27/12 03:03 PM
Trichloroethene	ND		0.0010	mg/L	1	02/27/12 03:03 PM
Trichlorofluoromethane	ND		0.0010	mg/L	1	02/27/12 03:03 PM
Vinyl chloride	ND		0.0010	mg/L	1	02/27/12 03:03 PM
Xylenes, Total	ND		0.0030	mg/L	1	02/27/12 03:03 PM
Surr: 1,2-Dichloroethane-d4	98.2		70-120	%REC	1	02/27/12 03:03 PM
Surr: 4-Bromofluorobenzene	101		75-120	%REC	1	02/27/12 03:03 PM
Surr: Dibromofluoromethane	100		85-115	%REC	1	02/27/12 03:03 PM
Surr: Toluene-d8	115		85-120	%REC	1	02/27/12 03:03 PM
FLASHPOINT, P-M CLOSED-CUP			D93			Analyst: NZ
Flashpoint, P-M Closed-cup	>140			°F	1	02/27/12 01:00 PM
PH			SW9040			Analyst: JJG
pH	6.84	J H		s.u.	1	02/21/12 09:00 AM

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

2A
3/16/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202557

Sample ID: LD-B02-W01-021712

Lab ID: 1202557-02

Collection Date: 02/17/12 04:50 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/23/12	Analyst: JD
2,4,5-T	ND		0.0010	mg/L	1	02/24/12 12:26 PM
2,4,5-TP (Silvex)	ND		0.0020	mg/L	1	02/24/12 12:26 PM
2,4-D	ND		0.0020	mg/L	1	02/24/12 12:26 PM
Surr: DCAA	82.4		30-150	%REC	1	02/24/12 12:26 PM
PCBS			SW8082		Prep Date: 02/22/12	Analyst: JD
Aroclor 1016	ND		0.00040	mg/L	1	02/24/12 10:49 AM
Aroclor 1221	ND		0.00040	mg/L	1	02/24/12 10:49 AM
Aroclor 1232	ND		0.00040	mg/L	1	02/24/12 10:49 AM
Aroclor 1242	ND		0.00040	mg/L	1	02/24/12 10:49 AM
Aroclor 1248	ND		0.00040	mg/L	1	02/24/12 10:49 AM
Aroclor 1254	ND		0.00040	mg/L	1	02/24/12 10:49 AM
Aroclor 1260	ND		0.00040	mg/L	1	02/24/12 10:49 AM
Surr: Decachlorobiphenyl	56.0		40-140	%REC	1	02/24/12 10:49 AM
PESTICIDES			SW8081		Prep Date: 02/22/12	Analyst: JD
4,4'-DDD	ND		0.000020	mg/L	1	02/23/12 02:10 AM
4,4'-DDE	ND		0.000020	mg/L	1	02/23/12 02:10 AM
4,4'-DDT	ND		0.000020	mg/L	1	02/23/12 02:10 AM
Aldrin	ND		0.000010	mg/L	1	02/23/12 02:10 AM
alpha-BHC	ND		0.000010	mg/L	1	02/23/12 02:10 AM
alpha-Chlordane	ND		0.000020	mg/L	1	02/23/12 02:10 AM
beta-BHC	ND		0.000010	mg/L	1	02/23/12 02:10 AM
Chlordane, Technical	ND		0.00050	mg/L	1	02/23/12 02:10 AM
delta-BHC	ND		0.000010	mg/L	1	02/23/12 02:10 AM
Dieldrin	ND		0.000020	mg/L	1	02/23/12 02:10 AM
Endosulfan I	ND		0.000020	mg/L	1	02/23/12 02:10 AM
Endosulfan II	ND		0.000020	mg/L	1	02/23/12 02:10 AM
Endosulfan sulfate	ND		0.000020	mg/L	1	02/23/12 02:10 AM
Endrin	ND		0.000020	mg/L	1	02/23/12 02:10 AM
Endrin aldehyde	ND		0.000020	mg/L	1	02/23/12 02:10 AM
Endrin ketone	ND		0.000020	mg/L	1	02/23/12 02:10 AM
gamma-BHC (Lindane)	ND		0.000010	mg/L	1	02/23/12 02:10 AM
gamma-Chlordane	ND		0.000020	mg/L	1	02/23/12 02:10 AM
Heptachlor	ND		0.000010	mg/L	1	02/23/12 02:10 AM
Heptachlor epoxide	ND		0.000010	mg/L	1	02/23/12 02:10 AM
Hexachlorobenzene	ND		0.000010	mg/L	1	02/23/12 02:10 AM
Methoxychlor	ND		0.000040	mg/L	1	02/23/12 02:10 AM
Toxaphene	ND		0.0020	mg/L	1	02/23/12 02:10 AM
Surr: Decachlorobiphenyl	61.0		30-145	%REC	1	02/23/12 02:10 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: 1202557

Sample ID: LD-B02-W01-021712

Lab ID: 1202557-02

Collection Date: 02/17/12 04:50 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Tetrachloro-m-xylene</i>	62.0		25-140	%REC	1	02/23/12 02:10 AM
MERCURY BY CVAA			SW7470		Prep Date: 02/22/12	Analyst: LR
Mercury	ND		0.00020	mg/L	1	02/22/12 03:17 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/24/12	Analyst: RH
Aluminum	0.31		0.010	mg/L	1	02/25/12 12:46 PM
Antimony	ND		0.0050	mg/L	1	02/25/12 12:46 PM
Arsenic	0.0087		0.0050	mg/L	1	02/25/12 12:46 PM
Barium	0.041		0.0050	mg/L	1	02/25/12 12:46 PM
Beryllium	ND		0.0020	mg/L	1	02/25/12 12:46 PM
Boron	62		2.0	mg/L	100	02/29/12 11:48 AM
Cadmium	ND		0.0020	mg/L	1	02/25/12 12:46 PM
Calcium	59		0.50	mg/L	1	02/25/12 12:46 PM
Chromium	ND		0.0050	mg/L	1	02/25/12 12:46 PM
Cobalt	ND		0.0050	mg/L	1	02/25/12 12:46 PM
Copper	ND		0.0050	mg/L	1	02/25/12 12:46 PM
Iron	7.2		0.080	mg/L	1	02/25/12 12:46 PM
Lead	ND		0.0050	mg/L	1	02/25/12 12:46 PM
Magnesium	12		0.20	mg/L	1	02/25/12 12:46 PM
Manganese	0.81		0.0050	mg/L	1	02/25/12 12:46 PM
Nickel	0.0052		0.0050	mg/L	1	02/25/12 12:46 PM
Potassium	0.40		0.20	mg/L	1	02/25/12 12:46 PM
Selenium	ND		0.0050	mg/L	1	02/25/12 12:46 PM
Silver	ND		0.0050	mg/L	1	02/25/12 12:46 PM
Sodium	150		0.20	mg/L	1	02/25/12 12:46 PM
Thallium	ND		0.0050	mg/L	1	02/25/12 12:46 PM
Vanadium	ND		0.0050	mg/L	1	02/25/12 12:46 PM
Zinc	ND		0.010	mg/L	1	02/25/12 12:46 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/22/12	Analyst: HL
1,1'-Biphenyl	ND		0.0050	mg/L	1	02/24/12 05:32 AM
2,4,5-Trichlorophenol	ND		0.0050	mg/L	1	02/24/12 05:32 AM
2,4,6-Trichlorophenol	ND		0.0050	mg/L	1	02/24/12 05:32 AM
2,4-Dichlorophenol	ND		0.010	mg/L	1	02/24/12 05:32 AM
2,4-Dimethylphenol	ND		0.0050	mg/L	1	02/24/12 05:32 AM
2,4-Dinitrophenol	ND		0.0050	mg/L	1	02/24/12 05:32 AM
2,4-Dinitrotoluene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
2,6-Dinitrotoluene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
2-Chloronaphthalene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
2-Chlorophenol	ND		0.0050	mg/L	1	02/24/12 05:32 AM
2-Methylnaphthalene	ND		0.0050	mg/L	1	02/24/12 05:32 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: 1202557

Sample ID: LD-B02-W01-021712

Lab ID: 1202557-02

Collection Date: 02/17/12 04:50 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Methylphenol	ND		0.0050	mg/L	1	02/24/12 05:32 AM
2-Nitroaniline	ND		0.020	mg/L	1	02/24/12 05:32 AM
2-Nitrophenol	ND		0.0050	mg/L	1	02/24/12 05:32 AM
3,3'-Dichlorobenzidine	ND		0.0050	mg/L	1	02/24/12 05:32 AM
3-Nitroaniline	ND		0.020	mg/L	1	02/24/12 05:32 AM
4,6-Dinitro-2-methylphenol	ND		0.020	mg/L	1	02/24/12 05:32 AM
4-Bromophenyl phenyl ether	ND		0.0050	mg/L	1	02/24/12 05:32 AM
4-Chloro-3-methylphenol	ND		0.0050	mg/L	1	02/24/12 05:32 AM
4-Chloroaniline	ND		0.020	mg/L	1	02/24/12 05:32 AM
4-Chlorophenyl phenyl ether	ND		0.0050	mg/L	1	02/24/12 05:32 AM
4-Methylphenol	ND		0.0050	mg/L	1	02/24/12 05:32 AM
4-Nitroaniline	ND		0.020	mg/L	1	02/24/12 05:32 AM
4-Nitrophenol	ND		0.020	mg/L	1	02/24/12 05:32 AM
Acenaphthene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Acenaphthylene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Acetophenone	ND		0.0010	mg/L	1	02/24/12 05:32 AM
Anthracene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Atrazine	ND		0.010	mg/L	1	02/24/12 05:32 AM
Benzaldehyde	ND		0.0010	mg/L	1	02/24/12 05:32 AM
Benzo(a)anthracene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Benzo(a)pyrene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Benzo(b)fluoranthene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Benzo(g,h,i)perylene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Benzo(k)fluoranthene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Bis(2-chloroethoxy)methane	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Bis(2-chloroethyl)ether	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Bis(2-chloroisopropyl)ether	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Bis(2-ethylhexyl)phthalate	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Butyl benzyl phthalate	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Caprolactam	ND		0.010	mg/L	1	02/24/12 05:32 AM
Carbazole	ND		0.010	mg/L	1	02/24/12 05:32 AM
Chrysene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Dibenzo(a,h)anthracene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Dibenzofuran	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Diethyl phthalate	ND		0.020	mg/L	1	02/24/12 05:32 AM
Dimethyl phthalate	ND		0.020	mg/L	1	02/24/12 05:32 AM
Di-n-butyl phthalate	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Di-n-octyl phthalate	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Fluoranthene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Fluorene	ND		0.0050	mg/L	1	02/24/12 05:32 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: 1202557

Sample ID: LD-B02-W01-021712

Lab ID: 1202557-02

Collection Date: 02/17/12 04:50 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobenzene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Hexachlorobutadiene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Hexachlorocyclopentadiene	ND		0.020	mg/L	1	02/24/12 05:32 AM
Hexachloroethane	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Indeno(1,2,3-cd)pyrene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Isophorone	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Naphthalene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Nitrobenzene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
N-Nitrosodi-n-propylamine	ND		0.0050	mg/L	1	02/24/12 05:32 AM
N-Nitrosodiphenylamine	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Pentachlorophenol	ND		0.020	mg/L	1	02/24/12 05:32 AM
Phenanthrene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Phenol	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Pyrene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
<i>Surr: 2,4,6-Tribromophenol</i>	<i>80.0</i>		<i>21-125</i>	<i>%REC</i>	<i>1</i>	<i>02/24/12 05:32 AM</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>59.3</i>		<i>36-94</i>	<i>%REC</i>	<i>1</i>	<i>02/24/12 05:32 AM</i>
<i>Surr: 2-Fluorophenol</i>	<i>46.4</i>		<i>10-75</i>	<i>%REC</i>	<i>1</i>	<i>02/24/12 05:32 AM</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>60.7</i>		<i>26-119</i>	<i>%REC</i>	<i>1</i>	<i>02/24/12 05:32 AM</i>
<i>Surr: Nitrobenzene-d5</i>	<i>60.9</i>		<i>41-104</i>	<i>%REC</i>	<i>1</i>	<i>02/24/12 05:32 AM</i>
<i>Surr: Phenol-d6</i>	<i>28.7</i>		<i>11-50</i>	<i>%REC</i>	<i>1</i>	<i>02/24/12 05:32 AM</i>

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: BG

1,1,1-Trichloroethane	ND		0.0010	mg/L	1	02/27/12 02:35 PM
1,1,2,2-Tetrachloroethane	ND		0.0010	mg/L	1	02/27/12 02:35 PM
1,1,2-Trichloroethane	ND		0.0010	mg/L	1	02/27/12 02:35 PM
1,1,2-Trichlorotrifluoroethane	ND		0.0010	mg/L	1	02/27/12 02:35 PM
1,1-Dichloroethane	ND		0.0010	mg/L	1	02/27/12 02:35 PM
1,1-Dichloroethene	ND		0.0010	mg/L	1	02/27/12 02:35 PM
1,2,4-Trichlorobenzene	ND		0.0010	mg/L	1	02/27/12 02:35 PM
1,2-Dibromo-3-chloropropane	ND		0.0010	mg/L	1	02/27/12 02:35 PM
1,2-Dibromoethane	ND		0.0010	mg/L	1	02/27/12 02:35 PM
1,2-Dichlorobenzene	ND		0.0010	mg/L	1	02/27/12 02:35 PM
1,2-Dichloroethane	ND		0.0010	mg/L	1	02/27/12 02:35 PM
1,2-Dichloropropane	ND		0.0020	mg/L	1	02/27/12 02:35 PM
1,3-Dichlorobenzene	ND		0.0020	mg/L	1	02/27/12 02:35 PM
1,4-Dichlorobenzene	ND		0.0020	mg/L	1	02/27/12 02:35 PM
2-Butanone	ND		0.0050	mg/L	1	02/27/12 02:35 PM
2-Hexanone	ND		0.0050	mg/L	1	02/27/12 02:35 PM
4-Methyl-2-pentanone	ND		0.0050	mg/L	1	02/27/12 02:35 PM
Acetone	ND		0.020	mg/L	1	02/27/12 02:35 PM
Benzene	ND		0.0010	mg/L	1	02/27/12 02:35 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: 1202557

Sample ID: LD-B02-W01-021712

Lab ID: 1202557-02

Collection Date: 02/17/12 04:50 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromodichloromethane	ND		0.0010	mg/L	1	02/27/12 02:35 PM
Bromoform	ND		0.0010	mg/L	1	02/27/12 02:35 PM
Bromomethane	ND		0.0010	mg/L	1	02/27/12 02:35 PM
Carbon disulfide	ND		0.0025	mg/L	1	02/27/12 02:35 PM
Carbon tetrachloride	ND		0.0010	mg/L	1	02/27/12 02:35 PM
Chlorobenzene	ND		0.0010	mg/L	1	02/27/12 02:35 PM
Chloroethane	ND		0.0010	mg/L	1	02/27/12 02:35 PM
Chloroform	ND		0.0010	mg/L	1	02/27/12 02:35 PM
Chloromethane	ND		0.0010	mg/L	1	02/27/12 02:35 PM
cis-1,2-Dichloroethene	ND		0.0010	mg/L	1	02/27/12 02:35 PM
cis-1,3-Dichloropropene	ND		0.0010	mg/L	1	02/27/12 02:35 PM
Cyclohexane	ND		0.0050	mg/L	1	02/27/12 02:35 PM
Dibromochloromethane	ND		0.0010	mg/L	1	02/27/12 02:35 PM
Dichlorodifluoromethane	ND		0.0010	mg/L	1	02/27/12 02:35 PM
Ethylbenzene	ND		0.0010	mg/L	1	02/27/12 02:35 PM
Isopropylbenzene	ND		0.0010	mg/L	1	02/27/12 02:35 PM
Methyl acetate	ND		0.0020	mg/L	1	02/27/12 02:35 PM
Methyl tert-butyl ether	ND		0.0050	mg/L	1	02/27/12 02:35 PM
Methylcyclohexane	ND		0.0050	mg/L	1	02/27/12 02:35 PM
Methylene chloride	ND		0.0050	mg/L	1	02/27/12 02:35 PM
Styrene	ND		0.0010	mg/L	1	02/27/12 02:35 PM
Tetrachloroethene	ND		0.0020	mg/L	1	02/27/12 02:35 PM
Toluene	ND		0.0010	mg/L	1	02/27/12 02:35 PM
trans-1,2-Dichloroethene	ND		0.0010	mg/L	1	02/27/12 02:35 PM
trans-1,3-Dichloropropene	ND		0.0010	mg/L	1	02/27/12 02:35 PM
Trichloroethene	ND		0.0010	mg/L	1	02/27/12 02:35 PM
Trichlorofluoromethane	ND		0.0010	mg/L	1	02/27/12 02:35 PM
Vinyl chloride	ND		0.0010	mg/L	1	02/27/12 02:35 PM
Xylenes, Total	ND		0.0030	mg/L	1	02/27/12 02:35 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	100		70-120	%REC	1	02/27/12 02:35 PM
<i>Surr: 4-Bromofluorobenzene</i>	111		75-120	%REC	1	02/27/12 02:35 PM
<i>Surr: Dibromofluoromethane</i>	104		85-115	%REC	1	02/27/12 02:35 PM
<i>Surr: Toluene-d8</i>	111		85-120	%REC	1	02/27/12 02:35 PM
FLASHPOINT, P-M CLOSED-CUP			D93			Analyst: NZ
Flashpoint, P-M Closed-cup	>140			°F	1	02/27/12 01:00 PM
PH			SW9040			Analyst: JJG
pH	7.03	J H		s.u.	1	02/21/12 09:00 AM

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

2 M
3/16/12

ALS Group USA, Corp

Date: 29-Feb-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202557

Sample ID: GC-B02-W01-021712

Lab ID: 1202557-03

Collection Date: 02/17/12 09:48 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 02/23/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/24/12 12:26 PM
2,4-D	ND		0.0050	mg/L	1	02/24/12 12:26 PM
Surr: DCAA	90.0		30-150	%REC	1	02/24/12 12:26 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/22/12	Analyst: JD
Chlordane, Technical	ND		0.0010	mg/L	1	02/22/12
Endrin	ND		0.00010	mg/L	1	02/22/12
gamma-BHC (Lindane)	ND		0.000050	mg/L	1	02/22/12
Heptachlor	ND		0.000050	mg/L	1	02/22/12
Methoxychlor	ND		0.00050	mg/L	1	02/22/12
Toxaphene	ND		0.0040	mg/L	1	02/22/12
Surr: Decachlorobiphenyl	83.0		30-135	%REC	1	02/22/12
Surr: Tetrachloro-m-xylene	51.0		25-140	%REC	1	02/22/12
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/22/12	Analyst: LR
Mercury	ND		0.00020	mg/L	1	02/22/12 03:15 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/24/12	Analyst: RH
Arsenic	ND		0.0010	mg/L	1	02/25/12 12:41 PM
Barium	0.22		0.0050	mg/L	1	02/25/12 12:41 PM
Cadmium	ND		0.00020	mg/L	1	02/25/12 12:41 PM
Chromium	0.0021		0.0020	mg/L	1	02/25/12 12:41 PM
Lead	0.030		0.0010	mg/L	1	02/25/12 12:41 PM
Selenium	ND		0.0020	mg/L	1	02/25/12 12:41 PM
Silver	ND		0.00050	mg/L	1	02/25/12 12:41 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/22/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
2,4,5-Trichlorophenol	ND		0.0050	mg/L	1	02/24/12 05:06 AM
2,4,6-Trichlorophenol	ND		0.0050	mg/L	1	02/24/12 05:06 AM
2,4-Dinitrotoluene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Hexachloro-1,3-butadiene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Hexachlorobenzene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Hexachloroethane	ND		0.0050	mg/L	1	02/24/12 05:06 AM
m-Cresol	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Nitrobenzene	ND		0.0050	mg/L	1	02/24/12 05:06 AM
o-Cresol	ND		0.0050	mg/L	1	02/24/12 05:06 AM
p-Cresol	ND		0.0050	mg/L	1	02/24/12 05:06 AM
Pentachlorophenol	ND		0.020	mg/L	1	02/24/12 05:06 AM
Pyridine	ND		0.020	mg/L	1	02/24/12 05:06 AM
Surr: 2,4,6-Tribromophenol	79.7		21-125	%REC	1	02/24/12 05:06 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: 1202557

Sample ID: GC-B02-W01-021712

Lab ID: 1202557-03

Collection Date: 02/17/12 09:48 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	55.4		39-94	%REC	1	02/24/12 05:06 AM
<i>Surr: 2-Fluorophenol</i>	35.4		10-75	%REC	1	02/24/12 05:06 AM
<i>Surr: 4-Terphenyl-d14</i>	59.7		26-119	%REC	1	02/24/12 05:06 AM
<i>Surr: Nitrobenzene-d5</i>	52.3		41-104	%REC	1	02/24/12 05:06 AM
<i>Surr: Phenol-d6</i>	23.1		11-50	%REC	1	02/24/12 05:06 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/22/12	Analyst: BG
1,1-Dichloroethene	ND		0.0010	mg/L	1	02/27/12 03:03 PM
1,2-Dichloroethane	ND		0.0010	mg/L	1	02/27/12 03:03 PM
2-Butanone	ND		0.010	mg/L	1	02/27/12 03:03 PM
Benzene	ND		0.0010	mg/L	1	02/27/12 03:03 PM
Carbon tetrachloride	ND		0.0010	mg/L	1	02/27/12 03:03 PM
Chlorobenzene	ND		0.0010	mg/L	1	02/27/12 03:03 PM
Chloroform	ND		0.0010	mg/L	1	02/27/12 03:03 PM
Tetrachloroethene	ND		0.0010	mg/L	1	02/27/12 03:03 PM
Trichloroethene	ND		0.0010	mg/L	1	02/27/12 03:03 PM
Vinyl chloride	ND		0.0010	mg/L	1	02/27/12 03:03 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	98.2		70-130	%REC	1	02/27/12 03:03 PM
<i>Surr: 4-Bromofluorobenzene</i>	101		70-130	%REC	1	02/27/12 03:03 PM
<i>Surr: Dibromofluoromethane</i>	100		70-130	%REC	1	02/27/12 03:03 PM
<i>Surr: Toluene-d8</i>	115		70-130	%REC	1	02/27/12 03:03 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: 1202557

Sample ID: LD-B02-W01-021712

Lab ID: 1202557-04

Collection Date: 02/17/12 04:50 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 02/23/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/24/12 12:26 PM
2,4-D	ND		0.0050	mg/L	1	02/24/12 12:26 PM
Surr: DCAA	82.4		30-150	%REC	1	02/24/12 12:26 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/22/12	Analyst: JD
Chlordane, Technical	ND		0.0010	mg/L	1	02/22/12
Endrin	ND		0.00010	mg/L	1	02/22/12
gamma-BHC (Lindane)	ND		0.000050	mg/L	1	02/22/12
Heptachlor	ND		0.000050	mg/L	1	02/22/12
Methoxychlor	ND		0.00050	mg/L	1	02/22/12
Toxaphene	ND		0.0040	mg/L	1	02/22/12
Surr: Decachlorobiphenyl	61.0		30-135	%REC	1	02/22/12
Surr: Tetrachloro-m-xylene	62.0		25-140	%REC	1	02/22/12
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/22/12	Analyst: LR
Mercury	ND		0.00020	mg/L	1	02/22/12 03:17 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/24/12	Analyst: RH
Arsenic	0.0087		0.0010	mg/L	1	02/25/12 12:46 PM
Barium	0.041		0.0050	mg/L	1	02/25/12 12:46 PM
Cadmium	ND		0.00020	mg/L	1	02/25/12 12:46 PM
Chromium	ND		0.0020	mg/L	1	02/25/12 12:46 PM
Lead	ND		0.0010	mg/L	1	02/25/12 12:46 PM
Selenium	ND		0.0020	mg/L	1	02/25/12 12:46 PM
Silver	ND		0.00050	mg/L	1	02/25/12 12:46 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/22/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
2,4,5-Trichlorophenol	ND		0.0050	mg/L	1	02/24/12 05:32 AM
2,4,6-Trichlorophenol	ND		0.0050	mg/L	1	02/24/12 05:32 AM
2,4-Dinitrotoluene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Hexachloro-1,3-butadiene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Hexachlorobenzene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Hexachloroethane	ND		0.0050	mg/L	1	02/24/12 05:32 AM
m-Cresol	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Nitrobenzene	ND		0.0050	mg/L	1	02/24/12 05:32 AM
o-Cresol	ND		0.0050	mg/L	1	02/24/12 05:32 AM
p-Cresol	ND		0.0050	mg/L	1	02/24/12 05:32 AM
Pentachlorophenol	ND		0.020	mg/L	1	02/24/12 05:32 AM
Pyridine	ND		0.020	mg/L	1	02/24/12 05:32 AM
Surr: 2,4,6-Tribromophenol	80.0		21-125	%REC	1	02/24/12 05:32 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: 1202557

Sample ID: LD-B02-W01-021712

Lab ID: 1202557-04

Collection Date: 02/17/12 04:50 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	59.3		39-94	%REC	1	02/24/12 05:32 AM
<i>Surr: 2-Fluorophenol</i>	46.4		10-75	%REC	1	02/24/12 05:32 AM
<i>Surr: 4-Terphenyl-d14</i>	60.7		26-119	%REC	1	02/24/12 05:32 AM
<i>Surr: Nitrobenzene-d5</i>	60.9		41-104	%REC	1	02/24/12 05:32 AM
<i>Surr: Phenol-d6</i>	28.7		11-50	%REC	1	02/24/12 05:32 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/22/12	Analyst: BG
1,1-Dichloroethene	ND		0.0010	mg/L	1	02/27/12 02:35 PM
1,2-Dichloroethane	ND		0.0010	mg/L	1	02/27/12 02:35 PM
2-Butanone	ND		0.010	mg/L	1	02/27/12 02:35 PM
Benzene	ND		0.0010	mg/L	1	02/27/12 02:35 PM
Carbon tetrachloride	ND		0.0010	mg/L	1	02/27/12 02:35 PM
Chlorobenzene	ND		0.0010	mg/L	1	02/27/12 02:35 PM
Chloroform	ND		0.0010	mg/L	1	02/27/12 02:35 PM
Tetrachloroethene	ND		0.0010	mg/L	1	02/27/12 02:35 PM
Trichloroethene	ND		0.0010	mg/L	1	02/27/12 02:35 PM
Vinyl chloride	ND		0.0010	mg/L	1	02/27/12 02:35 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	100		70-130	%REC	1	02/27/12 02:35 PM
<i>Surr: 4-Bromofluorobenzene</i>	111		70-130	%REC	1	02/27/12 02:35 PM
<i>Surr: Dibromofluoromethane</i>	104		70-130	%REC	1	02/27/12 02:35 PM
<i>Surr: Toluene-d8</i>	111		70-130	%REC	1	02/27/12 02:35 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: 1202557

Sample ID: Trip Blank

Lab ID: 1202557-05

Collection Date: 02/17/12

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: BG
1,1,1-Trichloroethane	ND		0.0010	mg/L	1	02/27/12 02:08 PM
1,1,2,2-Tetrachloroethane	ND		0.0010	mg/L	1	02/27/12 02:08 PM
1,1,2-Trichloroethane	ND		0.0010	mg/L	1	02/27/12 02:08 PM
1,1,2-Trichlorotrifluoroethane	ND		0.0010	mg/L	1	02/27/12 02:08 PM
1,1-Dichloroethane	ND		0.0010	mg/L	1	02/27/12 02:08 PM
1,1-Dichloroethene	ND		0.0010	mg/L	1	02/27/12 02:08 PM
1,2,4-Trichlorobenzene	ND		0.0010	mg/L	1	02/27/12 02:08 PM
1,2-Dibromo-3-chloropropane	ND		0.0010	mg/L	1	02/27/12 02:08 PM
1,2-Dibromoethane	ND		0.0010	mg/L	1	02/27/12 02:08 PM
1,2-Dichlorobenzene	ND		0.0010	mg/L	1	02/27/12 02:08 PM
1,2-Dichloroethane	ND		0.0010	mg/L	1	02/27/12 02:08 PM
1,2-Dichloropropane	ND		0.0020	mg/L	1	02/27/12 02:08 PM
1,3-Dichlorobenzene	ND		0.0020	mg/L	1	02/27/12 02:08 PM
1,4-Dichlorobenzene	ND		0.0020	mg/L	1	02/27/12 02:08 PM
2-Butanone	ND		0.0050	mg/L	1	02/27/12 02:08 PM
2-Hexanone	ND		0.0050	mg/L	1	02/27/12 02:08 PM
4-Methyl-2-pentanone	ND		0.0050	mg/L	1	02/27/12 02:08 PM
Acetone	ND		0.020	mg/L	1	02/27/12 02:08 PM
Benzene	ND		0.0010	mg/L	1	02/27/12 02:08 PM
Bromodichloromethane	ND		0.0010	mg/L	1	02/27/12 02:08 PM
Bromoform	ND		0.0010	mg/L	1	02/27/12 02:08 PM
Bromomethane	ND		0.0010	mg/L	1	02/27/12 02:08 PM
Carbon disulfide	ND		0.0025	mg/L	1	02/27/12 02:08 PM
Carbon tetrachloride	ND		0.0010	mg/L	1	02/27/12 02:08 PM
Chlorobenzene	ND		0.0010	mg/L	1	02/27/12 02:08 PM
Chloroethane	ND		0.0010	mg/L	1	02/27/12 02:08 PM
Chloroform	ND		0.0010	mg/L	1	02/27/12 02:08 PM
Chloromethane	ND		0.0010	mg/L	1	02/27/12 02:08 PM
cis-1,2-Dichloroethene	ND		0.0010	mg/L	1	02/27/12 02:08 PM
cis-1,3-Dichloropropene	ND		0.0010	mg/L	1	02/27/12 02:08 PM
Cyclohexane	ND		0.0050	mg/L	1	02/27/12 02:08 PM
Dibromochloromethane	ND		0.0010	mg/L	1	02/27/12 02:08 PM
Dichlorodifluoromethane	ND		0.0010	mg/L	1	02/27/12 02:08 PM
Ethylbenzene	ND		0.0010	mg/L	1	02/27/12 02:08 PM
Isopropylbenzene	ND		0.0010	mg/L	1	02/27/12 02:08 PM
Methyl acetate	ND		0.0020	mg/L	1	02/27/12 02:08 PM
Methyl tert-butyl ether	ND		0.0050	mg/L	1	02/27/12 02:08 PM
Methylcyclohexane	ND		0.0050	mg/L	1	02/27/12 02:08 PM
Methylene chloride	ND		0.0050	mg/L	1	02/27/12 02:08 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: 1202557

Sample ID: Trip Blank

Lab ID: 1202557-05

Collection Date: 02/17/12

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		0.0010	mg/L	1	02/27/12 02:08 PM
Tetrachloroethene	ND		0.0020	mg/L	1	02/27/12 02:08 PM
Toluene	ND		0.0010	mg/L	1	02/27/12 02:08 PM
trans-1,2-Dichloroethene	ND		0.0010	mg/L	1	02/27/12 02:08 PM
trans-1,3-Dichloropropene	ND		0.0010	mg/L	1	02/27/12 02:08 PM
Trichloroethene	ND		0.0010	mg/L	1	02/27/12 02:08 PM
Trichlorofluoromethane	ND		0.0010	mg/L	1	02/27/12 02:08 PM
Vinyl chloride	ND		0.0010	mg/L	1	02/27/12 02:08 PM
Xylenes, Total	ND		0.0030	mg/L	1	02/27/12 02:08 PM
Surr: 1,2-Dichloroethane-d4	99.9		70-120	%REC	1	02/27/12 02:08 PM
Surr: 4-Bromofluorobenzene	101		75-120	%REC	1	02/27/12 02:08 PM
Surr: Dibromofluoromethane	100		85-115	%REC	1	02/27/12 02:08 PM
Surr: Toluene-d8	101		85-120	%REC	1	02/27/12 02:08 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 20, 2012

Laboratory: ALS Environmental (ALS), Holland, Michigan

Laboratory Project #: 1202641

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 15 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.

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
AL-B01-S01-022012	1202641-01	Soil	2/20/2012	2/28/2012
AL-B01-S02-022012	1202641-02	Soil	2/20/2012	2/28/2012
AL-B02-S01-022012	1202641-03	Soil	2/20/2012	2/28/2012
AL-B02-S02-022012	1202641-04	Soil	2/20/2012	2/28/2012
AL-B02-S01-022012-DP	1202641-05	Soil	2/20/2012	2/28/2012
AL-B03-S01-022012	1202641-06	Soil	2/20/2012	2/28/2012
AL-B04-S01-022012	1202641-07	Soil	2/20/2012	2/28/2012
GD-B01-S01-022012	1202641-08	Soil	2/20/2012	2/28/2012
GD-B03-S01-022012	1202641-09	Soil	2/20/2012	2/28/2012
GD-B04-S01-022012	1202641-19	Soil	2/20/2012	2/28/2012
GD-B06-S01-022012	1202641-20	Soil	2/20/2012	2/28/2012
GD-B09-S01-022112	1202641-21	Soil	2/21/2012	2/28/2012
GD-B10-S01-022112	1202641-22	Soil	2/21/2012	2/28/2012
GC-B03-S01-022112	1202641-23	Soil	2/21/2012	2/29/2012
GC-B04-S01-022112	1202641-24	Soil	2/21/2012	2/29/2012
Trip Blank	1202641-31	Soil	2/20/2012	2/29/2012

2. Holding Times

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

3. Blanks

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

In addition, the trip blank contained no 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. A couple of compounds were detected slightly above the QC limit. However, these compounds were not detected in the samples and no qualifications were required.

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

One site-specific MS and MSD were analyzed using sample AL-B02-S02-022012 as the spiked sample. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

There is one field duplicate associated with this work order: AL-B02-S01-022012-DP. Both the field duplicate and parent sample 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.

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
AL-B01-S01-022012	1202641-10	Soil	2/20/2012	2/29/2012
AL-B01-S02-022012	1202641-11	Soil	2/20/2012	2/29/2012
AL-B02-S01-022012	1202641-12	Soil	2/20/2012	2/29/2012
AL-B02-S02-022012	1202641-13	Soil	2/20/2012	3/2/2012
AL-B02-S01-022012-DP	1202641-14	Soil	2/20/2012	2/29/2012
AL-B03-S01-022012	1202641-15	Soil	2/20/2012	2/29/2012
AL-B04-S01-022012	1202641-16	Soil	2/20/2012	2/29/2012

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
GD-B01-S01-022012	1202641-17	Soil	2/20/2012	2/29/2012
GD-B03-S01-022012	1202641-18	Soil	2/20/2012	3/2/2012
GD-B04-S01-022012	1202641-25	Soil	2/20/2012	3/2/2012
GD-B06-S01-022012	1202641-26	Soil	2/20/2012	3/2/2012
GD-B09-S01-022112	1202641-27	Soil	2/21/2012	3/2/2012
GD-B10-S01-022112	1202641-28	Soil	2/21/2012	3/2/2012
GC-B03-S01-022112	1202641-29	Soil	2/21/2012	3/2/2012
GC-B04-S01-022112	1202641-30	Soil	2/21/2012	3/2/2012

2. **Holding Times**

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

3. **Blanks**

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

4. **Surrogate Results**

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

5. **LCS Results**

The LCS 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 AL-B02-S02-022012 as the spiked sample. The percent recoveries and RPDs were with QC limits.

7. **Field Duplicate Results**

There is one field duplicate associated with this work order: AL-B02-S01-022012-DP. Both the field duplicate and parent sample contained no detections of target analytes above the reporting limit.

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
AL-B01-S01-022012	1202641-01	Soil	2/20/2012	2/27/2012	2/28/2012
AL-B01-S02-022012	1202641-02	Soil	2/20/2012	2/27/2012	2/28/2012
AL-B02-S01-022012	1202641-03	Soil	2/20/2012	2/27/2012	2/28/2012
AL-B02-S02-022012	1202641-04	Soil	2/20/2012	2/27/2012	2/28/2012
AL-B02-S01-022012-DP	1202641-05	Soil	2/20/2012	2/27/2012	2/28/2012
AL-B03-S01-022012	1202641-06	Soil	2/20/2012	2/27/2012	2/28/2012
AL-B04-S01-022012	1202641-07	Soil	2/20/2012	3/1/2012	3/2/2012
GD-B01-S01-022012	1202641-08	Soil	2/20/2012	2/27/2012	2/28/2012
GD-B03-S01-022012	1202641-09	Soil	2/20/2012	2/27/2012	2/28/2012
GD-B04-S01-022012	1202641-19	Soil	2/20/2012	2/27/2012	2/28/2012
GD-B06-S01-022012	1202641-20	Soil	2/20/2012	2/27/2012	2/28/2012
GD-B09-S01-022112	1202641-21	Soil	2/21/2012	2/27/2012	2/28/2012
GD-B10-S01-022112	1202641-22	Soil	2/21/2012	2/27/2012	2/28/2012
GC-B03-S01-022112	1202641-23	Soil	2/21/2012	2/27/2012	2/29/2012
GC-B04-S01-022112	1202641-24	Soil	2/21/2012	2/27/2012	2/28/2012

2. Holding Times

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

3. Blanks

Method blanks were analyzed with the SVOC analyses. The method blanks were free of target compound contamination above the reporting limits. There were a couple of compounds detected below the reporting limits in one method blank. However, the sample concentrations for these compounds were either non-detect or much greater than the blank concentration and no qualification was required.

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.

For the LCS/LCSD pair associated with the analysis of sample AL-B04-S01-022012 only, 4-nitoranaline was detected low. In sample AL-B04-S01-022012, the quantitation limit for 4-nitroanalanine was flagged "UJ" as estimated.

6. MS and MSD Results

One site-specific MS and MSD were analyzed using sample AL-B02-S02-022012 as the spiked sample. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

There is one field duplicate associated with this work order: AL-B02-S01-022012-DP. Both the field duplicate and parent sample contained no detections of target analytes above the reporting limit.

8. Overall Assessment

The SVOC data are acceptable for use as qualified 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
AL-B01-S01-022012	1202641-10	Soil	2/20/2012	2/27/2012	2/29/2012
AL-B01-S02-022012	1202641-11	Soil	2/20/2012	2/27/2012	2/28/2012
AL-B02-S01-022012	1202641-12	Soil	2/20/2012	2/27/2012	2/28/2012
AL-B02-S02-022012	1202641-13	Soil	2/20/2012	2/27/2012	2/28/2012
AL-B02-S01-022012-DP	1202641-14	Soil	2/20/2012	2/27/2012	2/28/2012
AL-B03-S01-022012	1202641-15	Soil	2/20/2012	2/27/2012	2/28/2012
AL-B04-S01-022012	1202641-16	Soil	2/20/2012	2/27/2012	2/28/2012
GD-B01-S01-022012	1202641-17	Soil	2/20/2012	2/27/2012	2/28/2012
GD-B03-S01-022012	1202641-18	Soil	2/20/2012	2/27/2012	2/28/2012
GD-B04-S01-022012	1202641-25	Soil	2/20/2012	2/27/2012	2/28/2012
GD-B06-S01-022012	1202641-26	Soil	2/20/2012	2/27/2012	2/28/2012
GD-B09-S01-022112	1202641-27	Soil	2/21/2012	2/27/2012	2/28/2012
GD-B10-S01-022112	1202641-28	Soil	2/21/2012	2/27/2012	2/28/2012
GC-B03-S01-022112	1202641-29	Soil	2/21/2012	2/27/2012	2/28/2012
GC-B04-S01-022112	1202641-30	Soil	2/21/2012	2/27/2012	2/28/2012

2. Holding Times

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

3. Blanks

Method blanks were analyzed with the TCLP 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

One site-specific MS and MSD were analyzed using sample AL-B02-S02-022012 as the spiked sample. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

There is one field duplicate associated with this work order: AL-B02-S01-022012-DP. Both the field duplicate and parent sample contained no detections of target analytes above the reporting limit.

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
AL-B01-S01-022012	1202641-01	Soil	2/20/2012	2/23/2012	2/26/2012
AL-B01-S02-022012	1202641-02	Soil	2/20/2012	2/23/2012	2/26/2012
AL-B02-S01-022012	1202641-03	Soil	2/20/2012	2/27/2012	2/28/2012
AL-B02-S02-022012	1202641-04	Soil	2/20/2012	2/27/2012	2/28/2012
AL-B02-S01-022012-DP	1202641-05	Soil	2/20/2012	2/27/2012	2/28/2012
AL-B03-S01-022012	1202641-06	Soil	2/20/2012	2/27/2012	2/28/2012
AL-B04-S01-022012	1202641-07	Soil	2/20/2012	2/27/2012	2/28/2012
GD-B01-S01-022012	1202641-08	Soil	2/20/2012	2/27/2012	2/28/2012
GD-B03-S01-022012	1202641-09	Soil	2/20/2012	2/27/2012	2/28/2012
GD-B04-S01-022012	1202641-19	Soil	2/20/2012	2/27/2012	2/28/2012
GD-B06-S01-022012	1202641-20	Soil	2/20/2012	2/27/2012	2/28/2012
GD-B09-S01-022112	1202641-21	Soil	2/21/2012	2/27/2012	2/28/2012
GD-B10-S01-022112	1202641-22	Soil	2/21/2012	2/27/2012	2/28/2012
GC-B03-S01-022112	1202641-23	Soil	2/21/2012	2/27/2012	2/28/2012

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1202641

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
GC-B04-S01-022112	1202641-24	Soil	2/21/2012	2/27/2012	2/28/2012

2. **Holding Times**

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

3. **Blanks**

Method blanks were analyzed with the 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**

One site-specific MS and MSD were analyzed using sample AL-B02-S02-022012 as the spiked sample. The percent recoveries and RPDs were with QC limits.

7. **Field Duplicate Results**

There is one field duplicate associated with this work order: AL-B02-S01-022012-DP. Both the field duplicate and parent sample contained no detections of target analytes above the reporting limit.

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
AL-B01-S01-022012	1202641-01	Soil	2/20/2012	2/23/2012	2/29/2012
AL-B01-S02-022012	1202641-02	Soil	2/20/2012	2/23/2012	2/29/2012
AL-B02-S01-022012	1202641-03	Soil	2/20/2012	2/27/2012	3/1/2012
AL-B02-S02-022012	1202641-04	Soil	2/20/2012	2/27/2012	3/1/2012
AL-B02-S01-022012-DP	1202641-05	Soil	2/20/2012	2/27/2012	3/1/2012
AL-B03-S01-022012	1202641-06	Soil	2/20/2012	2/27/2012	3/1/2012
AL-B04-S01-022012	1202641-07	Soil	2/20/2012	2/27/2012	3/1/2012
GD-B01-S01-022012	1202641-08	Soil	2/20/2012	2/27/2012	3/1/2012
GD-B03-S01-022012	1202641-09	Soil	2/20/2012	2/27/2012	3/1/2012
GD-B04-S01-022012	1202641-19	Soil	2/20/2012	2/27/2012	3/1/2012
GD-B06-S01-022012	1202641-20	Soil	2/20/2012	2/27/2012	3/1/2012
GD-B09-S01-022112	1202641-21	Soil	2/21/2012	2/27/2012	3/1/2012
GD-B10-S01-022112	1202641-22	Soil	2/21/2012	2/27/2012	3/1/2012
GC-B03-S01-022112	1202641-23	Soil	2/21/2012	2/27/2012	3/1/2012
GC-B04-S01-022112	1202641-24	Soil	2/21/2012	2/27/2012	3/1/2012

2. Holding Times

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

3. Blanks

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

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

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

6. MS and MSD Results

One site-specific MS and MSD were analyzed using sample AL-B02-S02-022012 as the spiked sample. The percent recoveries and RPDs were with QC limits except for as follows. The following pesticides were detected below the QC limit in the MS/MSD: 4,4'-DDE; aldrin; beta-BHC; delta-BHC; dieldrin; heptachlor; and heptachlor epoxide. In sample AL-B02-S02-022012, the quantitation limits for these compounds were flagged "UJ" as estimated due to potential matrix interference.

7. Field Duplicate Results

There is one field duplicate associated with this work order: AL-B02-S01-022012-DP. Both the field duplicate and parent sample contained no detections of target analytes above the reporting limit.

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
AL-B01-S01-022012	1202641-10	Soil	2/20/2012	2/28/2012	3/2/2012
AL-B01-S02-022012	1202641-11	Soil	2/20/2012	2/28/2012	3/2/2012
AL-B02-S01-022012	1202641-12	Soil	2/20/2012	2/28/2012	3/2/2012
AL-B02-S02-022012	1202641-13	Soil	2/20/2012	2/28/2012	3/2/2012
AL-B02-S01-022012-DP	1202641-14	Soil	2/20/2012	2/28/2012	3/2/2012
AL-B03-S01-022012	1202641-15	Soil	2/20/2012	2/28/2012	3/2/2012
AL-B04-S01-022012	1202641-16	Soil	2/20/2012	2/28/2012	3/2/2012
GD-B01-S01-022012	1202641-17	Soil	2/20/2012	2/28/2012	3/2/2012
GD-B03-S01-022012	1202641-18	Soil	2/20/2012	2/28/2012	3/2/2012
GD-B04-S01-022012	1202641-25	Soil	2/20/2012	2/28/2012	3/2/2012
GD-B06-S01-022012	1202641-26	Soil	2/20/2012	2/28/2012	3/2/2012
GD-B09-S01-022112	1202641-27	Soil	2/21/2012	2/28/2012	3/2/2012
GD-B10-S01-022112	1202641-28	Soil	2/21/2012	2/28/2012	3/2/2012
GC-B03-S01-022112	1202641-29	Soil	2/21/2012	2/28/2012	3/2/2012
GC-B04-S01-022112	1202641-30	Soil	2/21/2012	2/28/2012	3/2/2012

2. Holding Times

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

3. Blanks

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

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

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

6. MS and MSD Results

One site-specific MS and MSD were analyzed using sample AL-B02-S02-022012 as the spiked sample. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

There is one field duplicate associated with this work order: AL-B02-S01-022012-DP. Both the field duplicate and parent sample contained no detections of target analytes above the reporting limit.

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
AL-B01-S01-022012	1202641-01	Soil	2/20/2012	2/24/2012	2/25/2012
AL-B01-S02-022012	1202641-02	Soil	2/20/2012	2/24/2012	2/25/2012
AL-B02-S01-022012	1202641-03	Soil	2/20/2012	2/24/2012	2/25/2012
AL-B02-S02-022012	1202641-04	Soil	2/20/2012	2/28/2012	2/29/2012
AL-B02-S01-022012-DP	1202641-05	Soil	2/20/2012	2/24/2012	2/25/2012
AL-B03-S01-022012	1202641-06	Soil	2/20/2012	2/24/2012	2/25/2012
AL-B04-S01-022012	1202641-07	Soil	2/20/2012	2/24/2012	2/25/2012
GD-B01-S01-022012	1202641-08	Soil	2/20/2012	2/24/2012	2/25/2012
GD-B03-S01-022012	1202641-09	Soil	2/20/2012	2/24/2012	2/25/2012
GD-B04-S01-022012	1202641-19	Soil	2/20/2012	2/28/2012	2/29/2012
GD-B06-S01-022012	1202641-20	Soil	2/20/2012	2/28/2012	2/29/2012
GD-B09-S01-022112	1202641-21	Soil	2/21/2012	2/28/2012	2/29/2012
GD-B10-S01-022112	1202641-22	Soil	2/21/2012	2/28/2012	2/29/2012
GC-B03-S01-022112	1202641-23	Soil	2/21/2012	2/28/2012	2/29/2012
GC-B04-S01-022112	1202641-24	Soil	2/21/2012	2/28/2012	2/29/2012

2. **Holding Times**

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

3. **Blanks**

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

4. **Surrogates**

The surrogate recoveries were within QC limits.

5. **LCS Results**

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

6. **MS and MSD Results**

One site-specific MS and MSD were analyzed using sample AL-B02-S02-022012 as the spiked sample. The percent recoveries and RPDs were with QC limits.

7. **Field Duplicate Results**

There is one field duplicate associated with this work order: AL-B02-S01-022012-DP. Both the field duplicate and parent sample contained no detections of target analytes above the reporting limit.

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
AL-B01-S01-022012	1202641-10	Soil	2/20/2012	2/28/2012	2/29/2012
AL-B01-S02-022012	1202641-11	Soil	2/20/2012	2/28/2012	2/29/2012
AL-B02-S01-022012	1202641-12	Soil	2/20/2012	2/28/2012	2/29/2012
AL-B02-S02-022012	1202641-13	Soil	2/20/2012	2/28/2012	2/29/2012
AL-B02-S01-022012-DP	1202641-14	Soil	2/20/2012	2/28/2012	2/29/2012
AL-B03-S01-022012	1202641-15	Soil	2/20/2012	2/28/2012	2/29/2012
AL-B04-S01-022012	1202641-16	Soil	2/20/2012	2/28/2012	2/29/2012
GD-B01-S01-022012	1202641-17	Soil	2/20/2012	2/28/2012	2/29/2012
GD-B03-S01-022012	1202641-18	Soil	2/20/2012	2/28/2012	2/29/2012
GD-B04-S01-022012	1202641-25	Soil	2/20/2012	2/28/2012	2/29/2012
GD-B06-S01-022012	1202641-26	Soil	2/20/2012	2/28/2012	2/29/2012
GD-B09-S01-022112	1202641-27	Soil	2/21/2012	2/28/2012	2/29/2012
GD-B10-S01-022112	1202641-28	Soil	2/21/2012	2/28/2012	2/29/2012
GC-B03-S01-022112	1202641-29	Soil	2/21/2012	2/28/2012	2/29/2012
GC-B04-S01-022112	1202641-30	Soil	2/21/2012	2/28/2012	2/29/2012

2. Holding Times

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

3. Blanks

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

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

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

6. MS and MSD Results

One site-specific MS and MSD were analyzed using sample AL-B02-S02-022012 as the spiked sample. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

There is one field duplicate associated with this work order: AL-B02-S01-022012-DP. Both the field duplicate and parent sample contained no detections of target analytes above the reporting limit.

8. Overall Assessment

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

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
AL-B01-S01-022012	1202641-01	Soil	2/20/2012	2/27/2012 – 2/29/2012
AL-B01-S02-022012	1202641-02	Soil	2/20/2012	2/27/2012 – 2/29/2012
AL-B02-S01-022012	1202641-03	Soil	2/20/2012	2/27/2012 – 2/29/2012
AL-B02-S02-022012	1202641-04	Soil	2/20/2012	2/27/2012 – 2/29/2012
AL-B02-S01-022012-DP	1202641-05	Soil	2/20/2012	2/27/2012 – 2/29/2012
AL-B03-S01-022012	1202641-06	Soil	2/20/2012	2/27/2012 – 3/1/2012
AL-B04-S01-022012	1202641-07	Soil	2/20/2012	2/27/2012 – 3/1/2012
GD-B01-S01-022012	1202641-08	Soil	2/20/2012	2/28/2012 – 3/1/2012
GD-B03-S01-022012	1202641-09	Soil	2/20/2012	2/28/2012 – 3/1/2012
GD-B04-S01-022012	1202641-19	Soil	2/20/2012	2/28/2012 – 3/1/2012
GD-B06-S01-022012	1202641-20	Soil	2/20/2012	2/28/2012 – 2/29/2012
GD-B09-S01-022112	1202641-21	Soil	2/21/2012	2/28/2012 – 2/29/2012
GD-B10-S01-022112	1202641-22	Soil	2/21/2012	2/28/2012 – 3/1/2012
GC-B03-S01-022112	1202641-23	Soil	2/21/2012	2/28/2012 – 3/1/2012
GC-B04-S01-022112	1202641-24	Soil	2/21/2012	2/28/2012 – 3/1/2012

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**

One site-specific MS and MSD were analyzed using sample AL-B02-S02-022012 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. For metals detected below the QC limit, detected results were qualified "J" as estimated and the quantitation limits for non-detected results were flagged "UJ" as estimated in the parent samples. For metals detected above the QC limit, only detected results were flagged "J" as estimated in the parent samples.

6. Field Duplicate Results

There is one field duplicate associated with this work order: AL-B02-S01-022012-DP. The RPDs were calculated for detected metals. The RPDs ranged from 0 to 33 percent. These RPDs were below a standard QC limit of 50 percent indicating 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.

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
AL-B01-S01-022012	1202641-10	Soil	2/20/2012	2/27/2012 – 2/29/2012
AL-B01-S02-022012	1202641-11	Soil	2/20/2012	2/27/2012 – 2/29/2012
AL-B02-S01-022012	1202641-12	Soil	2/20/2012	2/27/2012 – 2/29/2012
AL-B02-S02-022012	1202641-13	Soil	2/20/2012	2/27/2012 – 2/29/2012
AL-B02-S01-022012-DP	1202641-14	Soil	2/20/2012	2/27/2012 – 3/1/2012
AL-B03-S01-022012	1202641-15	Soil	2/20/2012	2/27/2012 – 3/1/2012
AL-B04-S01-022012	1202641-16	Soil	2/20/2012	2/27/2012 – 3/1/2012
GD-B01-S01-022012	1202641-17	Soil	2/20/2012	2/27/2012 – 2/29/2012
GD-B03-S01-022012	1202641-18	Soil	2/20/2012	2/27/2012 – 2/29/2012
GD-B04-S01-022012	1202641-25	Soil	2/20/2012	2/27/2012 – 2/29/2012
GD-B06-S01-022012	1202641-26	Soil	2/20/2012	2/27/2012 – 2/29/2012
GD-B09-S01-022112	1202641-27	Soil	2/21/2012	2/27/2012 – 2/29/2012
GD-B10-S01-022112	1202641-28	Soil	2/21/2012	2/27/2012 – 2/29/2012
GC-B03-S01-022112	1202641-29	Soil	2/21/2012	2/27/2012 – 3/1/2012
GC-B04-S01-022112	1202641-30	Soil	2/21/2012	2/27/2012 – 2/29/2012

2. **Holding Times**

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

3. **Blank Results**

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

4. **LCS Results**

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

5. **MS and MSD Results**

One site-specific MS and MSD were analyzed using sample AL-B02-S02-022012 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.

6. **Field Duplicate Results**

There is one field duplicate associated with this work order: AL-B02-S01-022012-DP. The RPDs were calculated for detected TCLP metals. The RPDs ranged from 25 to 131. In general, the RPDs were elevated for TCLP metals indicating some minor heterogeneity associated with this sample. No qualifications were required.

7. **Overall Assessment**

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

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
AL-B01-S01-022012	1202641-01	Soil	2/20/2012	2/27/2012
AL-B01-S02-022012	1202641-02	Soil	2/20/2012	2/27/2012
AL-B02-S01-022012	1202641-03	Soil	2/20/2012	2/27/2012
AL-B02-S02-022012	1202641-04	Soil	2/20/2012	2/27/2012
AL-B02-S01-022012-DP	1202641-05	Soil	2/20/2012	2/27/2012
AL-B03-S01-022012	1202641-06	Soil	2/20/2012	2/27/2012
AL-B04-S01-022012	1202641-07	Soil	2/20/2012	2/27/2012
GD-B01-S01-022012	1202641-08	Soil	2/20/2012	2/27/2012
GD-B03-S01-022012	1202641-09	Soil	2/20/2012	2/27/2012
GD-B04-S01-022012	1202641-19	Soil	2/20/2012	2/27/2012
GD-B06-S01-022012	1202641-20	Soil	2/20/2012	2/27/2012
GD-B09-S01-022112	1202641-21	Soil	2/21/2012	2/27/2012
GD-B10-S01-022112	1202641-22	Soil	2/21/2012	2/27/2012
GC-B03-S01-022112	1202641-23	Soil	2/21/2012	2/27/2012
GC-B04-S01-022112	1202641-24	Soil	2/21/2012	2/27/2012

2. Holding Times

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

3. Method Blanks

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

4. LCS Results

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

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1202641

5. MS and MSD Results

One site-specific MS and MSD were analyzed using sample AL-B02-S02-022012 as the spiked sample. The MS/MSD recoveries were low indicating matrix interference associated with hexavalent chromium analysis in this sample. The quantitation limit for hexavalent chromium in sample AL-B02-S02-022012 was flagged "UJ" as estimated.

6. Field Duplicate Results

There is one field duplicate associated with this work order: AL-B02-S01-022012-DP. Both the field duplicate and parent samples contained no detections of target analytes above the reporting limit.

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 #: 1202641

ATTACHMENT

**ALS ENVIRONMENTAL
RESULTS SUMMARY WITH QUALIFIERS**

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
WorkOrder: 1202641

**QUALIFIERS,
ACRONYMS, UNITS**

<u>Qualifier</u>	<u>Description</u>
*	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

<u>Acronym</u>	<u>Description</u>
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

<u>Units Reported</u>	<u>Description</u>
% 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: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B01-S01-022012

Lab ID: 1202641-01

Collection Date: 02/20/12 02:30 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/24/12	Analyst: JD
2,4,5-T	ND		0.013	mg/Kg-dry	1	02/25/12 03:09 AM
2,4,5-TP (Silvex)	ND		0.026	mg/Kg-dry	1	02/25/12 03:09 AM
2,4-D	ND		0.013	mg/Kg-dry	1	02/25/12 03:09 AM
Surr: DCAA	83.8		30-150	%REC	1	02/25/12 03:09 AM
PCBS			SW8082		Prep Date: 02/23/12	Analyst: JD
Aroclor 1016	ND		0.10	mg/Kg-dry	1	02/26/12 05:46 PM
Aroclor 1221	ND		0.10	mg/Kg-dry	1	02/26/12 05:46 PM
Aroclor 1232	ND		0.10	mg/Kg-dry	1	02/26/12 05:46 PM
Aroclor 1242	ND		0.10	mg/Kg-dry	1	02/26/12 05:46 PM
Aroclor 1248	ND		0.10	mg/Kg-dry	1	02/26/12 05:46 PM
Aroclor 1254	ND		0.10	mg/Kg-dry	1	02/26/12 05:46 PM
Aroclor 1260	ND		0.10	mg/Kg-dry	1	02/26/12 05:46 PM
Surr: Decachlorobiphenyl	75.1		40-140	%REC	1	02/26/12 05:46 PM
PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
4,4'-DDD	ND		0.25	mg/Kg-dry	10	02/29/12 02:42 AM
4,4'-DDE	ND		0.25	mg/Kg-dry	10	02/29/12 02:42 AM
4,4'-DDT	ND		0.25	mg/Kg-dry	10	02/29/12 02:42 AM
Aldrin	ND		0.25	mg/Kg-dry	10	02/29/12 02:42 AM
alpha-BHC	ND		0.25	mg/Kg-dry	10	02/29/12 02:42 AM
alpha-Chlordane	ND		0.25	mg/Kg-dry	10	02/29/12 02:42 AM
beta-BHC	ND		0.25	mg/Kg-dry	10	02/29/12 02:42 AM
Chlordane, Technical	ND		0.63	mg/Kg-dry	10	02/29/12 02:42 AM
delta-BHC	ND		0.25	mg/Kg-dry	10	02/29/12 02:42 AM
Dieldrin	ND		0.25	mg/Kg-dry	10	02/29/12 02:42 AM
Endosulfan I	ND		0.25	mg/Kg-dry	10	02/29/12 02:42 AM
Endosulfan II	ND		0.25	mg/Kg-dry	10	02/29/12 02:42 AM
Endosulfan sulfate	ND		0.25	mg/Kg-dry	10	02/29/12 02:42 AM
Endrin	ND		0.25	mg/Kg-dry	10	02/29/12 02:42 AM
Endrin aldehyde	ND		0.25	mg/Kg-dry	10	02/29/12 02:42 AM
Endrin ketone	ND		0.25	mg/Kg-dry	10	02/29/12 02:42 AM
gamma-BHC (Lindane)	ND		0.25	mg/Kg-dry	10	02/29/12 02:42 AM
gamma-Chlordane	ND		0.25	mg/Kg-dry	10	02/29/12 02:42 AM
Heptachlor	ND		0.25	mg/Kg-dry	10	02/29/12 02:42 AM
Heptachlor epoxide	ND		0.25	mg/Kg-dry	10	02/29/12 02:42 AM
Methoxychlor	ND		0.25	mg/Kg-dry	10	02/29/12 02:42 AM
Toxaphene	ND		1.5	mg/Kg-dry	10	02/29/12 02:42 AM
Surr: Decachlorobiphenyl	80.1		45-135	%REC	10	02/29/12 02:42 AM
Surr: Tetrachloro-m-xylene	80.1		45-124	%REC	10	02/29/12 02:42 AM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B01-S01-022012

Lab ID: 1202641-01

Collection Date: 02/20/12 02:30 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/27/12	Analyst: LR
Mercury	0.18		0.043	mg/Kg-dry	1	02/27/12 03:17 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/23/12	Analyst: RH
Aluminum	11,000		4.8	mg/Kg-dry	2	02/28/12 07:51 PM
Antimony	13		2.4	mg/Kg-dry	2	02/28/12 07:51 PM
Arsenic	53		2.4	mg/Kg-dry	2	02/28/12 07:51 PM
Barium	6,900		24	mg/Kg-dry	20	02/29/12 04:26 PM
Beryllium	1.4		0.96	mg/Kg-dry	2	02/28/12 07:51 PM
Boron	8,300		96	mg/Kg-dry	20	02/29/12 04:26 PM
Cadmium	5.7		0.96	mg/Kg-dry	2	02/28/12 07:51 PM
Calcium	27,000		240	mg/Kg-dry	2	02/28/12 07:51 PM
Chromium	300		2.4	mg/Kg-dry	2	02/28/12 07:51 PM
Cobalt	1,000		24	mg/Kg-dry	20	02/29/12 04:26 PM
Copper	160		2.4	mg/Kg-dry	2	02/28/12 07:51 PM
Iron	61,000		38	mg/Kg-dry	2	02/28/12 07:51 PM
Lead	610		2.4	mg/Kg-dry	2	02/28/12 07:51 PM
Magnesium	16,000		96	mg/Kg-dry	2	02/28/12 07:51 PM
Manganese	1,800		24	mg/Kg-dry	20	02/29/12 04:26 PM
Nickel	1,700		24	mg/Kg-dry	20	02/29/12 04:26 PM
Potassium	8,100		96	mg/Kg-dry	2	02/28/12 07:51 PM
Selenium	ND		2.4	mg/Kg-dry	2	02/28/12 07:51 PM
Silver	ND		2.4	mg/Kg-dry	2	02/28/12 07:51 PM
Sodium	16,000		96	mg/Kg-dry	2	02/28/12 07:51 PM
Thallium	ND		2.4	mg/Kg-dry	2	02/28/12 07:51 PM
Vanadium	3.2		2.4	mg/Kg-dry	2	02/28/12 07:51 PM
Zinc	3,700		48	mg/Kg-dry	20	02/29/12 04:26 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,1'-Biphenyl	ND		17	mg/Kg-dry	10	02/28/12 01:19 PM
2,4,5-Trichlorophenol	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
2,4,6-Trichlorophenol	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
2,4-Dichlorophenol	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
2,4-Dimethylphenol	ND		17	mg/Kg-dry	10	02/28/12 01:19 PM
2,4-Dinitrophenol	ND		34	mg/Kg-dry	10	02/28/12 01:19 PM
2,4-Dinitrotoluene	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
2,6-Dinitrotoluene	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
2-Chloronaphthalene	ND		4.1	mg/Kg-dry	10	02/28/12 01:19 PM
2-Chlorophenol	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
2-Methylnaphthalene	ND		4.1	mg/Kg-dry	10	02/28/12 01:19 PM
2-Methylphenol	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B01-S01-022012

Lab ID: 1202641-01

Collection Date: 02/20/12 02:30 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		34	mg/Kg-dry	10	02/28/12 01:19 PM
2-Nitrophenol	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
3,3'-Dichlorobenzidine	ND		34	mg/Kg-dry	10	02/28/12 01:19 PM
3-Nitroaniline	ND		34	mg/Kg-dry	10	02/28/12 01:19 PM
4,6-Dinitro-2-methylphenol	ND		17	mg/Kg-dry	10	02/28/12 01:19 PM
4-Bromophenyl phenyl ether	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
4-Chloro-3-methylphenol	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
4-Chloroaniline	ND		34	mg/Kg-dry	10	02/28/12 01:19 PM
4-Chlorophenyl phenyl ether	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
4-Methylphenol	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
4-Nitroaniline	ND		34	mg/Kg-dry	10	02/28/12 01:19 PM
4-Nitrophenol	ND		34	mg/Kg-dry	10	02/28/12 01:19 PM
Acenaphthene	ND		1.5	mg/Kg-dry	10	02/28/12 01:19 PM
Acenaphthylene	ND		1.5	mg/Kg-dry	10	02/28/12 01:19 PM
Acetophenone	ND		17	mg/Kg-dry	10	02/28/12 01:19 PM
Anthracene	2.2		1.5	mg/Kg-dry	10	02/28/12 01:19 PM
Atrazine	ND		17	mg/Kg-dry	10	02/28/12 01:19 PM
Benzaldehyde	ND		17	mg/Kg-dry	10	02/28/12 01:19 PM
Benzo(a)anthracene	ND		1.5	mg/Kg-dry	10	02/28/12 01:19 PM
Benzo(a)pyrene	ND		1.5	mg/Kg-dry	10	02/28/12 01:19 PM
Benzo(b)fluoranthene	ND		1.5	mg/Kg-dry	10	02/28/12 01:19 PM
Benzo(g,h,i)perylene	ND		1.5	mg/Kg-dry	10	02/28/12 01:19 PM
Benzo(k)fluoranthene	ND		1.5	mg/Kg-dry	10	02/28/12 01:19 PM
Bis(2-chloroethoxy)methane	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
Bis(2-chloroethyl)ether	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
Bis(2-chloroisopropyl)ether	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
Bis(2-ethylhexyl)phthalate	ND		17	mg/Kg-dry	10	02/28/12 01:19 PM
Butyl benzyl phthalate	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
Caprolactam	ND		17	mg/Kg-dry	10	02/28/12 01:19 PM
Carbazole	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
Chrysene	ND		1.5	mg/Kg-dry	10	02/28/12 01:19 PM
Dibenzo(a,h)anthracene	ND		1.5	mg/Kg-dry	10	02/28/12 01:19 PM
Dibenzofuran	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
Diethyl phthalate	ND		17	mg/Kg-dry	10	02/28/12 01:19 PM
Dimethyl phthalate	ND		17	mg/Kg-dry	10	02/28/12 01:19 PM
Di-n-butyl phthalate	ND		17	mg/Kg-dry	10	02/28/12 01:19 PM
Di-n-octyl phthalate	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
Fluoranthene	ND		1.5	mg/Kg-dry	10	02/28/12 01:19 PM
Fluorene	ND		1.5	mg/Kg-dry	10	02/28/12 01:19 PM
Hexachlorobenzene	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B01-S01-022012

Lab ID: 1202641-01

Collection Date: 02/20/12 02:30 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
Hexachlorocyclopentadiene	ND		17	mg/Kg-dry	10	02/28/12 01:19 PM
Hexachloroethane	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
Indeno(1,2,3-cd)pyrene	ND		1.5	mg/Kg-dry	10	02/28/12 01:19 PM
Isophorone	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
Naphthalene	ND		1.5	mg/Kg-dry	10	02/28/12 01:19 PM
Nitrobenzene	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
N-Nitrosodi-n-propylamine	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
N-Nitrosodiphenylamine	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
Pentachlorophenol	ND		17	mg/Kg-dry	10	02/28/12 01:19 PM
Phenanthrene	3.5		1.5	mg/Kg-dry	10	02/28/12 01:19 PM
Phenol	ND		8.2	mg/Kg-dry	10	02/28/12 01:19 PM
Pyrene	2.2		1.5	mg/Kg-dry	10	02/28/12 01:19 PM
Surr: 2,4,6-Tribromophenol	128		34-140	%REC	10	02/28/12 01:19 PM
Surr: 2-Fluorobiphenyl	83.6		12-100	%REC	10	02/28/12 01:19 PM
Surr: 2-Fluorophenol	71.6		33-117	%REC	10	02/28/12 01:19 PM
Surr: 4-Terphenyl-d14	136		25-137	%REC	10	02/28/12 01:19 PM
Surr: Nitrobenzene-d5	69.2		37-107	%REC	10	02/28/12 01:19 PM
Surr: Phenol-d6	76.8		40-106	%REC	10	02/28/12 01:19 PM
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: RS
1,1,1-Trichloroethane	ND		0.13	mg/Kg-dry	50	02/28/12 06:20 PM
1,1,2,2-Tetrachloroethane	ND		0.26	mg/Kg-dry	50	02/28/12 06:20 PM
1,1,2-Trichloroethane	ND		0.26	mg/Kg-dry	50	02/28/12 06:20 PM
1,1,2-Trichlorotrifluoroethane	ND		0.13	mg/Kg-dry	50	02/28/12 06:20 PM
1,1-Dichloroethane	ND		0.13	mg/Kg-dry	50	02/28/12 06:20 PM
1,1-Dichloroethene	ND		0.13	mg/Kg-dry	50	02/28/12 06:20 PM
1,2,4-Trichlorobenzene	ND		0.13	mg/Kg-dry	50	02/28/12 06:20 PM
1,2-Dibromo-3-chloropropane	ND		0.26	mg/Kg-dry	50	02/28/12 06:20 PM
1,2-Dibromoethane	ND		0.19	mg/Kg-dry	50	02/28/12 06:20 PM
1,2-Dichlorobenzene	ND		0.13	mg/Kg-dry	50	02/28/12 06:20 PM
1,2-Dichloroethane	ND		0.13	mg/Kg-dry	50	02/28/12 06:20 PM
1,2-Dichloropropane	ND		0.45	mg/Kg-dry	50	02/28/12 06:20 PM
1,3-Dichlorobenzene	ND		0.13	mg/Kg-dry	50	02/28/12 06:20 PM
1,4-Dichlorobenzene	ND		0.13	mg/Kg-dry	50	02/28/12 06:20 PM
2-Butanone	ND		0.97	mg/Kg-dry	50	02/28/12 06:20 PM
2-Hexanone	ND		0.64	mg/Kg-dry	50	02/28/12 06:20 PM
4-Methyl-2-pentanone	ND		0.64	mg/Kg-dry	50	02/28/12 06:20 PM
Acetone	ND		0.58	mg/Kg-dry	50	02/28/12 06:20 PM
Benzene	ND		0.13	mg/Kg-dry	50	02/28/12 06:20 PM
Bromodichloromethane	ND		0.19	mg/Kg-dry	50	02/28/12 06:20 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B01-S01-022012

Lab ID: 1202641-01

Collection Date: 02/20/12 02:30 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.13	mg/Kg-dry	50	02/28/12 06:20 PM
Bromomethane	ND		0.19	mg/Kg-dry	50	02/28/12 06:20 PM
Carbon disulfide	ND		0.19	mg/Kg-dry	50	02/28/12 06:20 PM
Carbon tetrachloride	ND		0.13	mg/Kg-dry	50	02/28/12 06:20 PM
Chlorobenzene	ND		0.19	mg/Kg-dry	50	02/28/12 06:20 PM
Chloroethane	ND		0.39	mg/Kg-dry	50	02/28/12 06:20 PM
Chloroform	ND		0.13	mg/Kg-dry	50	02/28/12 06:20 PM
Chloromethane	ND		0.39	mg/Kg-dry	50	02/28/12 06:20 PM
cis-1,2-Dichloroethene	ND		0.26	mg/Kg-dry	50	02/28/12 06:20 PM
cis-1,3-Dichloropropene	ND		0.13	mg/Kg-dry	50	02/28/12 06:20 PM
Cyclohexane	ND		0.13	mg/Kg-dry	50	02/28/12 06:20 PM
Dibromochloromethane	ND		0.26	mg/Kg-dry	50	02/28/12 06:20 PM
Dichlorodifluoromethane	ND		0.13	mg/Kg-dry	50	02/28/12 06:20 PM
Ethylbenzene	ND		0.26	mg/Kg-dry	50	02/28/12 06:20 PM
Isopropylbenzene	ND		0.13	mg/Kg-dry	50	02/28/12 06:20 PM
Methyl acetate	ND		0.13	mg/Kg-dry	50	02/28/12 06:20 PM
Methyl tert-butyl ether	ND		0.19	mg/Kg-dry	50	02/28/12 06:20 PM
Methylcyclohexane	ND		2.6	mg/Kg-dry	50	02/28/12 06:20 PM
Methylene chloride	ND		0.26	mg/Kg-dry	50	02/28/12 06:20 PM
Styrene	ND		0.19	mg/Kg-dry	50	02/28/12 06:20 PM
Tetrachloroethene	ND		0.13	mg/Kg-dry	50	02/28/12 06:20 PM
Toluene	ND		0.19	mg/Kg-dry	50	02/28/12 06:20 PM
trans-1,2-Dichloroethene	ND		0.13	mg/Kg-dry	50	02/28/12 06:20 PM
trans-1,3-Dichloropropene	ND		0.19	mg/Kg-dry	50	02/28/12 06:20 PM
Trichloroethene	0.36		0.13	mg/Kg-dry	50	02/28/12 06:20 PM
Trichlorofluoromethane	ND		0.13	mg/Kg-dry	50	02/28/12 06:20 PM
Vinyl chloride	ND		0.26	mg/Kg-dry	50	02/28/12 06:20 PM
Xylenes, Total	ND		0.39	mg/Kg-dry	50	02/28/12 06:20 PM
Surr: 1,2-Dichloroethane-d4	96.9		70-120	%REC	50	02/28/12 06:20 PM
Surr: 4-Bromofluorobenzene	105		75-120	%REC	50	02/28/12 06:20 PM
Surr: Dibromofluoromethane	94.3		85-115	%REC	50	02/28/12 06:20 PM
Surr: Toluene-d8	102		85-115	%REC	50	02/28/12 06:20 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/24/12	Analyst: MB
Chromium, Hexavalent	ND		1.2	mg/Kg-dry	1	02/27/12 04:00 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	61		0.050	% of sample	1	02/23/12 04:08 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B01-S02-022012

Lab ID: 1202641-02

Collection Date: 02/20/12 02:40 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/24/12	Analyst: JD
2,4,5-T	ND		0.0055	mg/Kg-dry	1	02/25/12 03:09 AM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/25/12 03:09 AM
2,4-D	ND		0.0055	mg/Kg-dry	1	02/25/12 03:09 AM
Surr: DCAA	79.0		30-150	%REC	1	02/25/12 03:09 AM
PCBS			SW8082		Prep Date: 02/23/12	Analyst: JD
Aroclor 1016	ND		0.043	mg/Kg-dry	1	02/26/12 06:06 PM
Aroclor 1221	ND		0.043	mg/Kg-dry	1	02/26/12 06:06 PM
Aroclor 1232	ND		0.043	mg/Kg-dry	1	02/26/12 06:06 PM
Aroclor 1242	ND		0.043	mg/Kg-dry	1	02/26/12 06:06 PM
Aroclor 1248	ND		0.043	mg/Kg-dry	1	02/26/12 06:06 PM
Aroclor 1254	ND		0.043	mg/Kg-dry	1	02/26/12 06:06 PM
Aroclor 1260	ND		0.043	mg/Kg-dry	1	02/26/12 06:06 PM
Surr: Decachlorobiphenyl	80.1		40-140	%REC	1	02/26/12 06:06 PM
PESTICIDES			SW8081		Prep Date: 02/23/12	Analyst: JD
4,4'-DDD	ND		0.011	mg/Kg-dry	1	02/29/12 02:57 AM
4,4'-DDE	ND		0.011	mg/Kg-dry	1	02/29/12 02:57 AM
4,4'-DDT	ND		0.011	mg/Kg-dry	1	02/29/12 02:57 AM
Aldrin	ND		0.011	mg/Kg-dry	1	02/29/12 02:57 AM
alpha-BHC	ND		0.011	mg/Kg-dry	1	02/29/12 02:57 AM
alpha-Chlordane	ND		0.011	mg/Kg-dry	1	02/29/12 02:57 AM
beta-BHC	ND		0.011	mg/Kg-dry	1	02/29/12 02:57 AM
Chlordane, Technical	ND		0.027	mg/Kg-dry	1	02/29/12 02:57 AM
delta-BHC	ND		0.011	mg/Kg-dry	1	02/29/12 02:57 AM
Dieldrin	ND		0.011	mg/Kg-dry	1	02/29/12 02:57 AM
Endosulfan I	ND		0.011	mg/Kg-dry	1	02/29/12 02:57 AM
Endosulfan II	ND		0.011	mg/Kg-dry	1	02/29/12 02:57 AM
Endosulfan sulfate	ND		0.011	mg/Kg-dry	1	02/29/12 02:57 AM
Endrin	ND		0.011	mg/Kg-dry	1	02/29/12 02:57 AM
Endrin aldehyde	ND		0.011	mg/Kg-dry	1	02/29/12 02:57 AM
Endrin ketone	ND		0.011	mg/Kg-dry	1	02/29/12 02:57 AM
gamma-BHC (Lindane)	ND		0.011	mg/Kg-dry	1	02/29/12 02:57 AM
gamma-Chlordane	ND		0.011	mg/Kg-dry	1	02/29/12 02:57 AM
Heptachlor	ND		0.011	mg/Kg-dry	1	02/29/12 02:57 AM
Heptachlor epoxide	ND		0.011	mg/Kg-dry	1	02/29/12 02:57 AM
Methoxychlor	ND		0.011	mg/Kg-dry	1	02/29/12 02:57 AM
Toxaphene	ND		0.064	mg/Kg-dry	1	02/29/12 02:57 AM
Surr: Decachlorobiphenyl	75.1		45-135	%REC	1	02/29/12 02:57 AM
Surr: Tetrachloro-m-xylene	90.1		45-124	%REC	1	02/29/12 02:57 AM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B01-S02-022012

Lab ID: 1202641-02

Collection Date: 02/20/12 02:40 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/27/12	Analyst: LR
Mercury	ND		0.022	mg/Kg-dry	1	02/27/12 03:19 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/26/12	Analyst: RH
Aluminum	6,800		1.5	mg/Kg-dry	2	02/28/12 11:46 PM
Antimony	ND		0.74	mg/Kg-dry	2	02/28/12 11:46 PM
Arsenic	2.8		0.74	mg/Kg-dry	2	02/28/12 11:46 PM
Barium	26		0.74	mg/Kg-dry	2	02/28/12 11:46 PM
Beryllium	ND		2.9	mg/Kg-dry	20	02/29/12 04:32 PM
Boron	210		29	mg/Kg-dry	20	02/29/12 04:32 PM
Cadmium	ND		0.29	mg/Kg-dry	2	02/28/12 11:46 PM
Calcium	910		74	mg/Kg-dry	2	02/28/12 11:46 PM
Chromium	6.9		0.74	mg/Kg-dry	2	02/28/12 11:46 PM
Cobalt	4.7		0.74	mg/Kg-dry	2	02/28/12 11:46 PM
Copper	3.5		0.74	mg/Kg-dry	2	02/28/12 11:46 PM
Iron	9,300		12	mg/Kg-dry	2	02/28/12 11:46 PM
Lead	4.5		0.74	mg/Kg-dry	2	02/28/12 11:46 PM
Magnesium	1,100		29	mg/Kg-dry	2	02/28/12 11:46 PM
Manganese	180		0.74	mg/Kg-dry	2	02/28/12 11:46 PM
Nickel	8.3		0.74	mg/Kg-dry	2	02/28/12 11:46 PM
Potassium	640		29	mg/Kg-dry	2	02/28/12 11:46 PM
Selenium	ND		0.74	mg/Kg-dry	2	02/28/12 11:46 PM
Silver	ND		0.74	mg/Kg-dry	2	02/28/12 11:46 PM
Sodium	450		29	mg/Kg-dry	2	02/28/12 11:46 PM
Thallium	ND		0.74	mg/Kg-dry	2	02/28/12 11:46 PM
Vanadium	16		0.74	mg/Kg-dry	2	02/28/12 11:46 PM
Zinc	24		1.5	mg/Kg-dry	2	02/28/12 11:46 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,1'-Biphenyl	ND		0.37	mg/Kg-dry	1	02/28/12 06:18 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
2,4-Dimethylphenol	ND		0.37	mg/Kg-dry	1	02/28/12 06:18 PM
2,4-Dinitrophenol	ND		0.74	mg/Kg-dry	1	02/28/12 06:18 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
2-Chloronaphthalene	ND		0.090	mg/Kg-dry	1	02/28/12 06:18 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
2-Methylnaphthalene	ND		0.090	mg/Kg-dry	1	02/28/12 06:18 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B01-S02-022012

Lab ID: 1202641-02

Collection Date: 02/20/12 02:40 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.74	mg/Kg-dry	1	02/28/12 06:18 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
3,3'-Dichlorobenzidine	ND		0.74	mg/Kg-dry	1	02/28/12 06:18 PM
3-Nitroaniline	ND		0.74	mg/Kg-dry	1	02/28/12 06:18 PM
4,6-Dinitro-2-methylphenol	ND		0.37	mg/Kg-dry	1	02/28/12 06:18 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
4-Chloroaniline	ND		0.74	mg/Kg-dry	1	02/28/12 06:18 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
4-Nitroaniline	ND		0.74	mg/Kg-dry	1	02/28/12 06:18 PM
4-Nitrophenol	ND		0.74	mg/Kg-dry	1	02/28/12 06:18 PM
Acenaphthene	ND		0.034	mg/Kg-dry	1	02/28/12 06:18 PM
Acenaphthylene	ND		0.034	mg/Kg-dry	1	02/28/12 06:18 PM
Acetophenone	ND		0.37	mg/Kg-dry	1	02/28/12 06:18 PM
Anthracene	ND		0.034	mg/Kg-dry	1	02/28/12 06:18 PM
Atrazine	ND		0.37	mg/Kg-dry	1	02/28/12 06:18 PM
Benzaldehyde	ND		0.37	mg/Kg-dry	1	02/28/12 06:18 PM
Benzo(a)anthracene	ND		0.034	mg/Kg-dry	1	02/28/12 06:18 PM
Benzo(a)pyrene	ND		0.034	mg/Kg-dry	1	02/28/12 06:18 PM
Benzo(b)fluoranthene	ND		0.034	mg/Kg-dry	1	02/28/12 06:18 PM
Benzo(g,h,i)perylene	ND		0.034	mg/Kg-dry	1	02/28/12 06:18 PM
Benzo(k)fluoranthene	ND		0.034	mg/Kg-dry	1	02/28/12 06:18 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
Bis(2-ethylhexyl)phthalate	1.1		0.37	mg/Kg-dry	1	02/28/12 06:18 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
Caprolactam	ND		0.37	mg/Kg-dry	1	02/28/12 06:18 PM
Carbazole	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
Chrysene	ND		0.034	mg/Kg-dry	1	02/28/12 06:18 PM
Dibenzo(a,h)anthracene	ND		0.034	mg/Kg-dry	1	02/28/12 06:18 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
Diethyl phthalate	ND		0.37	mg/Kg-dry	1	02/28/12 06:18 PM
Dimethyl phthalate	ND		0.37	mg/Kg-dry	1	02/28/12 06:18 PM
Di-n-butyl phthalate	0.84		0.37	mg/Kg-dry	1	02/28/12 06:18 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
Fluoranthene	ND		0.034	mg/Kg-dry	1	02/28/12 06:18 PM
Fluorene	ND		0.034	mg/Kg-dry	1	02/28/12 06:18 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B01-S02-022012

Lab ID: 1202641-02

Collection Date: 02/20/12 02:40 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
Hexachlorocyclopentadiene	ND		0.37	mg/Kg-dry	1	02/28/12 06:18 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
Indeno(1,2,3-cd)pyrene	ND		0.034	mg/Kg-dry	1	02/28/12 06:18 PM
Isophorone	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
Naphthalene	ND		0.034	mg/Kg-dry	1	02/28/12 06:18 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
Pentachlorophenol	ND		0.37	mg/Kg-dry	1	02/28/12 06:18 PM
Phenanthrene	ND		0.034	mg/Kg-dry	1	02/28/12 06:18 PM
Phenol	ND		0.18	mg/Kg-dry	1	02/28/12 06:18 PM
Pyrene	ND		0.034	mg/Kg-dry	1	02/28/12 06:18 PM
Surr: 2,4,6-Tribromophenol	94.6		34-140	%REC	1	02/28/12 06:18 PM
Surr: 2-Fluorobiphenyl	78.0		12-100	%REC	1	02/28/12 06:18 PM
Surr: 2-Fluorophenol	89.5		33-117	%REC	1	02/28/12 06:18 PM
Surr: 4-Terphenyl-d14	86.0		25-137	%REC	1	02/28/12 06:18 PM
Surr: Nitrobenzene-d5	75.3		37-107	%REC	1	02/28/12 06:18 PM
Surr: Phenol-d6	84.4		40-106	%REC	1	02/28/12 06:18 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: RS

1,1,1-Trichloroethane	ND		0.057	mg/Kg-dry	50	02/28/12 06:45 PM
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg-dry	50	02/28/12 06:45 PM
1,1,2-Trichloroethane	ND		0.11	mg/Kg-dry	50	02/28/12 06:45 PM
1,1,2-Trichlorotrifluoroethane	ND		0.057	mg/Kg-dry	50	02/28/12 06:45 PM
1,1-Dichloroethane	ND		0.057	mg/Kg-dry	50	02/28/12 06:45 PM
1,1-Dichloroethene	ND		0.057	mg/Kg-dry	50	02/28/12 06:45 PM
1,2,4-Trichlorobenzene	ND		0.057	mg/Kg-dry	50	02/28/12 06:45 PM
1,2-Dibromo-3-chloropropane	ND		0.11	mg/Kg-dry	50	02/28/12 06:45 PM
1,2-Dibromoethane	ND		0.086	mg/Kg-dry	50	02/28/12 06:45 PM
1,2-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/28/12 06:45 PM
1,2-Dichloroethane	ND		0.057	mg/Kg-dry	50	02/28/12 06:45 PM
1,2-Dichloropropane	ND		0.20	mg/Kg-dry	50	02/28/12 06:45 PM
1,3-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/28/12 06:45 PM
1,4-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/28/12 06:45 PM
2-Butanone	ND		0.43	mg/Kg-dry	50	02/28/12 06:45 PM
2-Hexanone	ND		0.29	mg/Kg-dry	50	02/28/12 06:45 PM
4-Methyl-2-pentanone	ND		0.29	mg/Kg-dry	50	02/28/12 06:45 PM
Acetone	ND		0.26	mg/Kg-dry	50	02/28/12 06:45 PM
Benzene	ND		0.057	mg/Kg-dry	50	02/28/12 06:45 PM
Bromodichloromethane	ND		0.086	mg/Kg-dry	50	02/28/12 06:45 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B01-S02-022012

Lab ID: 1202641-02

Collection Date: 02/20/12 02:40 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.057	mg/Kg-dry	50	02/28/12 06:45 PM
Bromomethane	ND		0.086	mg/Kg-dry	50	02/28/12 06:45 PM
Carbon disulfide	ND		0.086	mg/Kg-dry	50	02/28/12 06:45 PM
Carbon tetrachloride	ND		0.057	mg/Kg-dry	50	02/28/12 06:45 PM
Chlorobenzene	ND		0.086	mg/Kg-dry	50	02/28/12 06:45 PM
Chloroethane	ND		0.17	mg/Kg-dry	50	02/28/12 06:45 PM
Chloroform	ND		0.057	mg/Kg-dry	50	02/28/12 06:45 PM
Chloromethane	ND		0.17	mg/Kg-dry	50	02/28/12 06:45 PM
cis-1,2-Dichloroethene	ND		0.11	mg/Kg-dry	50	02/28/12 06:45 PM
cis-1,3-Dichloropropene	ND		0.057	mg/Kg-dry	50	02/28/12 06:45 PM
Cyclohexane	ND		0.057	mg/Kg-dry	50	02/28/12 06:45 PM
Dibromochloromethane	ND		0.11	mg/Kg-dry	50	02/28/12 06:45 PM
Dichlorodifluoromethane	ND		0.057	mg/Kg-dry	50	02/28/12 06:45 PM
Ethylbenzene	ND		0.11	mg/Kg-dry	50	02/28/12 06:45 PM
Isopropylbenzene	ND		0.057	mg/Kg-dry	50	02/28/12 06:45 PM
Methyl acetate	ND		0.057	mg/Kg-dry	50	02/28/12 06:45 PM
Methyl tert-butyl ether	ND		0.086	mg/Kg-dry	50	02/28/12 06:45 PM
Methylcyclohexane	ND		1.1	mg/Kg-dry	50	02/28/12 06:45 PM
Methylene chloride	ND		0.11	mg/Kg-dry	50	02/28/12 06:45 PM
Styrene	ND		0.086	mg/Kg-dry	50	02/28/12 06:45 PM
Tetrachloroethene	ND		0.057	mg/Kg-dry	50	02/28/12 06:45 PM
Toluene	ND		0.086	mg/Kg-dry	50	02/28/12 06:45 PM
trans-1,2-Dichloroethene	ND		0.057	mg/Kg-dry	50	02/28/12 06:45 PM
trans-1,3-Dichloropropene	ND		0.086	mg/Kg-dry	50	02/28/12 06:45 PM
Trichloroethene	ND		0.057	mg/Kg-dry	50	02/28/12 06:45 PM
Trichlorofluoromethane	ND		0.057	mg/Kg-dry	50	02/28/12 06:45 PM
Vinyl chloride	ND		0.11	mg/Kg-dry	50	02/28/12 06:45 PM
Xylenes, Total	ND		0.17	mg/Kg-dry	50	02/28/12 06:45 PM
Surr: 1,2-Dichloroethane-d4	98.7		70-120	%REC	50	02/28/12 06:45 PM
Surr: 4-Bromofluorobenzene	104		75-120	%REC	50	02/28/12 06:45 PM
Surr: Dibromofluoromethane	94.5		85-115	%REC	50	02/28/12 06:45 PM
Surr: Toluene-d8	101		85-115	%REC	50	02/28/12 06:45 PM

CHROMIUM, HEXAVALENT

Chromium, Hexavalent ND SW7196A mg/Kg-dry 1 Prep Date: 02/24/12 Analyst: MB 02/27/12 04:00 PM

MOISTURE

Moisture 12 A2540 G % of sample 1 Analyst: CG 02/23/12 04:08 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B02-S01-022012

Lab ID: 1202641-03

Collection Date: 02/20/12 12:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/24/12	Analyst: JD
2,4,5-T	ND		0.013	mg/Kg-dry	1	02/25/12 03:09 AM
2,4,5-TP (Silvex)	ND		0.026	mg/Kg-dry	1	02/25/12 03:09 AM
2,4-D	ND		0.013	mg/Kg-dry	1	02/25/12 03:09 AM
Surr: DCAA	85.0		30-150	%REC	1	02/25/12 03:09 AM
PCBS			SW8082		Prep Date: 02/27/12	Analyst: JD
Aroclor 1016	ND		0.11	mg/Kg-dry	1	02/28/12 04:29 PM
Aroclor 1221	ND		0.11	mg/Kg-dry	1	02/28/12 04:29 PM
Aroclor 1232	ND		0.11	mg/Kg-dry	1	02/28/12 04:29 PM
Aroclor 1242	ND		0.11	mg/Kg-dry	1	02/28/12 04:29 PM
Aroclor 1248	ND		0.11	mg/Kg-dry	1	02/28/12 04:29 PM
Aroclor 1254	ND		0.11	mg/Kg-dry	1	02/28/12 04:29 PM
Aroclor 1260	ND		0.11	mg/Kg-dry	1	02/28/12 04:29 PM
Surr: Decachlorobiphenyl	94.1		40-140	%REC	1	02/28/12 04:29 PM
PESTICIDES			SW8081		Prep Date: 02/27/12	Analyst: JD
4,4'-DDD	ND		0.13	mg/Kg-dry	5	03/01/12 06:32 PM
4,4'-DDE	ND		0.13	mg/Kg-dry	5	03/01/12 06:32 PM
4,4'-DDT	ND		0.13	mg/Kg-dry	5	03/01/12 06:32 PM
Aldrin	ND		0.13	mg/Kg-dry	5	03/01/12 06:32 PM
alpha-BHC	ND		0.13	mg/Kg-dry	5	03/01/12 06:32 PM
alpha-Chlordane	ND		0.13	mg/Kg-dry	5	03/01/12 06:32 PM
beta-BHC	ND		0.13	mg/Kg-dry	5	03/01/12 06:32 PM
Chlordane, Technical	ND		0.33	mg/Kg-dry	5	03/01/12 06:32 PM
delta-BHC	ND		0.13	mg/Kg-dry	5	03/01/12 06:32 PM
Dieldrin	ND		0.13	mg/Kg-dry	5	03/01/12 06:32 PM
Endosulfan I	ND		0.13	mg/Kg-dry	5	03/01/12 06:32 PM
Endosulfan II	ND		0.13	mg/Kg-dry	5	03/01/12 06:32 PM
Endosulfan sulfate	ND		0.13	mg/Kg-dry	5	03/01/12 06:32 PM
Endrin	ND		0.13	mg/Kg-dry	5	03/01/12 06:32 PM
Endrin aldehyde	ND		0.13	mg/Kg-dry	5	03/01/12 06:32 PM
Endrin ketone	ND		0.13	mg/Kg-dry	5	03/01/12 06:32 PM
gamma-BHC (Lindane)	ND		0.13	mg/Kg-dry	5	03/01/12 06:32 PM
gamma-Chlordane	ND		0.13	mg/Kg-dry	5	03/01/12 06:32 PM
Heptachlor	ND		0.13	mg/Kg-dry	5	03/01/12 06:32 PM
Heptachlor epoxide	ND		0.13	mg/Kg-dry	5	03/01/12 06:32 PM
Methoxychlor	ND		0.13	mg/Kg-dry	5	03/01/12 06:32 PM
Toxaphene	ND		0.80	mg/Kg-dry	5	03/01/12 06:32 PM
Surr: Decachlorobiphenyl	60.1		45-135	%REC	5	03/01/12 06:32 PM
Surr: Tetrachloro-m-xylene	75.1		45-124	%REC	5	03/01/12 06:32 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B02-S01-022012

Lab ID: 1202641-03

Collection Date: 02/20/12 12:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/27/12	Analyst: LR
Mercury	0.16		0.047	mg/Kg-dry	1	02/27/12 03:26 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/26/12	Analyst: RH
Aluminum	13,000		3.6	mg/Kg-dry	2	02/28/12 11:52 PM
Antimony	17		1.8	mg/Kg-dry	2	02/28/12 11:52 PM
Arsenic	59		1.8	mg/Kg-dry	2	02/28/12 11:52 PM
Barium	6,400		18	mg/Kg-dry	20	02/29/12 04:38 PM
Beryllium	1.1		0.71	mg/Kg-dry	2	02/28/12 11:52 PM
Boron	2,300		71	mg/Kg-dry	20	02/29/12 04:38 PM
Cadmium	6.7		0.71	mg/Kg-dry	2	02/28/12 11:52 PM
Calcium	42,000		180	mg/Kg-dry	2	02/28/12 11:52 PM
Chromium	580		1.8	mg/Kg-dry	2	02/28/12 11:52 PM
Cobalt	900		18	mg/Kg-dry	20	02/29/12 04:38 PM
Copper	170		1.8	mg/Kg-dry	2	02/28/12 11:52 PM
Iron	85,000		290	mg/Kg-dry	20	02/29/12 04:38 PM
Lead	780		18	mg/Kg-dry	20	02/29/12 04:38 PM
Magnesium	17,000		71	mg/Kg-dry	2	02/28/12 11:52 PM
Manganese	1,500		18	mg/Kg-dry	20	02/29/12 04:38 PM
Nickel	2,800		18	mg/Kg-dry	20	02/29/12 04:38 PM
Potassium	4,800		71	mg/Kg-dry	2	02/28/12 11:52 PM
Selenium	ND		1.8	mg/Kg-dry	2	02/28/12 11:52 PM
Silver	ND		1.8	mg/Kg-dry	2	02/28/12 11:52 PM
Sodium	2,500		71	mg/Kg-dry	2	02/28/12 11:52 PM
Thallium	ND		1.8	mg/Kg-dry	2	02/28/12 11:52 PM
Vanadium	ND		18	mg/Kg-dry	20	02/29/12 04:38 PM
Zinc	5,400		36	mg/Kg-dry	20	02/29/12 04:38 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,1'-Biphenyl	ND		18	mg/Kg-dry	10	02/28/12 01:52 PM
2,4,5-Trichlorophenol	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
2,4,6-Trichlorophenol	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
2,4-Dichlorophenol	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
2,4-Dimethylphenol	ND		18	mg/Kg-dry	10	02/28/12 01:52 PM
2,4-Dinitrophenol	ND		36	mg/Kg-dry	10	02/28/12 01:52 PM
2,4-Dinitrotoluene	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
2,6-Dinitrotoluene	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
2-Chloronaphthalene	ND		4.3	mg/Kg-dry	10	02/28/12 01:52 PM
2-Chlorophenol	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
2-Methylnaphthalene	ND		4.3	mg/Kg-dry	10	02/28/12 01:52 PM
2-Methylphenol	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B02-S01-022012

Lab ID: 1202641-03

Collection Date: 02/20/12 12:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		36	mg/Kg-dry	10	02/28/12 01:52 PM
2-Nitrophenol	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
3,3'-Dichlorobenzidine	ND		36	mg/Kg-dry	10	02/28/12 01:52 PM
3-Nitroaniline	ND		36	mg/Kg-dry	10	02/28/12 01:52 PM
4,6-Dinitro-2-methylphenol	ND		18	mg/Kg-dry	10	02/28/12 01:52 PM
4-Bromophenyl phenyl ether	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
4-Chloro-3-methylphenol	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
4-Chloroaniline	ND		36	mg/Kg-dry	10	02/28/12 01:52 PM
4-Chlorophenyl phenyl ether	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
4-Methylphenol	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
4-Nitroaniline	ND		36	mg/Kg-dry	10	02/28/12 01:52 PM
4-Nitrophenol	ND		36	mg/Kg-dry	10	02/28/12 01:52 PM
Acenaphthene	ND		1.6	mg/Kg-dry	10	02/28/12 01:52 PM
Acenaphthylene	ND		1.6	mg/Kg-dry	10	02/28/12 01:52 PM
Acetophenone	ND		18	mg/Kg-dry	10	02/28/12 01:52 PM
Anthracene	ND		1.6	mg/Kg-dry	10	02/28/12 01:52 PM
Atrazine	ND		18	mg/Kg-dry	10	02/28/12 01:52 PM
Benzaldehyde	ND		18	mg/Kg-dry	10	02/28/12 01:52 PM
Benzo(a)anthracene	ND		1.6	mg/Kg-dry	10	02/28/12 01:52 PM
Benzo(a)pyrene	ND		1.6	mg/Kg-dry	10	02/28/12 01:52 PM
Benzo(b)fluoranthene	ND		1.6	mg/Kg-dry	10	02/28/12 01:52 PM
Benzo(g,h,i)perylene	ND		1.6	mg/Kg-dry	10	02/28/12 01:52 PM
Benzo(k)fluoranthene	ND		1.6	mg/Kg-dry	10	02/28/12 01:52 PM
Bis(2-chloroethoxy)methane	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
Bis(2-chloroethyl)ether	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
Bis(2-chloroisopropyl)ether	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
Bis(2-ethylhexyl)phthalate	ND		18	mg/Kg-dry	10	02/28/12 01:52 PM
Butyl benzyl phthalate	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
Caprolactam	ND		18	mg/Kg-dry	10	02/28/12 01:52 PM
Carbazole	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
Chrysene	ND		1.6	mg/Kg-dry	10	02/28/12 01:52 PM
Dibenzo(a,h)anthracene	ND		1.6	mg/Kg-dry	10	02/28/12 01:52 PM
Dibenzofuran	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
Diethyl phthalate	ND		18	mg/Kg-dry	10	02/28/12 01:52 PM
Dimethyl phthalate	ND		18	mg/Kg-dry	10	02/28/12 01:52 PM
Di-n-butyl phthalate	ND		18	mg/Kg-dry	10	02/28/12 01:52 PM
Di-n-octyl phthalate	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
Fluoranthene	ND		1.6	mg/Kg-dry	10	02/28/12 01:52 PM
Fluorene	ND		1.6	mg/Kg-dry	10	02/28/12 01:52 PM
Hexachlorobenzene	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B02-S01-022012

Lab ID: 1202641-03

Collection Date: 02/20/12 12:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
Hexachlorocyclopentadiene	ND		18	mg/Kg-dry	10	02/28/12 01:52 PM
Hexachloroethane	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
Indeno(1,2,3-cd)pyrene	ND		1.6	mg/Kg-dry	10	02/28/12 01:52 PM
Isophorone	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
Naphthalene	ND		1.6	mg/Kg-dry	10	02/28/12 01:52 PM
Nitrobenzene	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
N-Nitrosodi-n-propylamine	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
N-Nitrosodiphenylamine	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
Pentachlorophenol	ND		18	mg/Kg-dry	10	02/28/12 01:52 PM
Phenanthrene	ND		1.6	mg/Kg-dry	10	02/28/12 01:52 PM
Phenol	ND		8.6	mg/Kg-dry	10	02/28/12 01:52 PM
Pyrene	ND		1.6	mg/Kg-dry	10	02/28/12 01:52 PM
Surr: 2,4,6-Tribromophenol	118		34-140	%REC	10	02/28/12 01:52 PM
Surr: 2-Fluorobiphenyl	80.0		12-100	%REC	10	02/28/12 01:52 PM
Surr: 2-Fluorophenol	62.8		33-117	%REC	10	02/28/12 01:52 PM
Surr: 4-Terphenyl-d14	107		25-137	%REC	10	02/28/12 01:52 PM
Surr: Nitrobenzene-d5	73.6		37-107	%REC	10	02/28/12 01:52 PM
Surr: Phenol-d6	54.8		40-106	%REC	10	02/28/12 01:52 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: RS

1,1,1-Trichloroethane	ND		0.14	mg/Kg-dry	50	02/28/12 07:10 PM
1,1,2,2-Tetrachloroethane	ND		0.27	mg/Kg-dry	50	02/28/12 07:10 PM
1,1,2-Trichloroethane	ND		0.27	mg/Kg-dry	50	02/28/12 07:10 PM
1,1,2-Trichlorotrifluoroethane	ND		0.14	mg/Kg-dry	50	02/28/12 07:10 PM
1,1-Dichloroethane	ND		0.14	mg/Kg-dry	50	02/28/12 07:10 PM
1,1-Dichloroethene	ND		0.14	mg/Kg-dry	50	02/28/12 07:10 PM
1,2,4-Trichlorobenzene	ND		0.14	mg/Kg-dry	50	02/28/12 07:10 PM
1,2-Dibromo-3-chloropropane	ND		0.27	mg/Kg-dry	50	02/28/12 07:10 PM
1,2-Dibromoethane	ND		0.21	mg/Kg-dry	50	02/28/12 07:10 PM
1,2-Dichlorobenzene	ND		0.14	mg/Kg-dry	50	02/28/12 07:10 PM
1,2-Dichloroethane	ND		0.14	mg/Kg-dry	50	02/28/12 07:10 PM
1,2-Dichloropropane	ND		0.48	mg/Kg-dry	50	02/28/12 07:10 PM
1,3-Dichlorobenzene	ND		0.14	mg/Kg-dry	50	02/28/12 07:10 PM
1,4-Dichlorobenzene	ND		0.14	mg/Kg-dry	50	02/28/12 07:10 PM
2-Butanone	ND		1.0	mg/Kg-dry	50	02/28/12 07:10 PM
2-Hexanone	ND		0.68	mg/Kg-dry	50	02/28/12 07:10 PM
4-Methyl-2-pentanone	ND		0.68	mg/Kg-dry	50	02/28/12 07:10 PM
Acetone	ND		0.62	mg/Kg-dry	50	02/28/12 07:10 PM
Benzene	ND		0.14	mg/Kg-dry	50	02/28/12 07:10 PM
Bromodichloromethane	ND		0.21	mg/Kg-dry	50	02/28/12 07:10 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B02-S01-022012

Lab ID: 1202641-03

Collection Date: 02/20/12 12:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.14	mg/Kg-dry	50	02/28/12 07:10 PM
Bromomethane	ND		0.21	mg/Kg-dry	50	02/28/12 07:10 PM
Carbon disulfide	ND		0.21	mg/Kg-dry	50	02/28/12 07:10 PM
Carbon tetrachloride	ND		0.14	mg/Kg-dry	50	02/28/12 07:10 PM
Chlorobenzene	ND		0.21	mg/Kg-dry	50	02/28/12 07:10 PM
Chloroethane	ND		0.41	mg/Kg-dry	50	02/28/12 07:10 PM
Chloroform	ND		0.14	mg/Kg-dry	50	02/28/12 07:10 PM
Chloromethane	ND		0.41	mg/Kg-dry	50	02/28/12 07:10 PM
cis-1,2-Dichloroethene	ND		0.27	mg/Kg-dry	50	02/28/12 07:10 PM
cis-1,3-Dichloropropene	ND		0.14	mg/Kg-dry	50	02/28/12 07:10 PM
Cyclohexane	ND		0.14	mg/Kg-dry	50	02/28/12 07:10 PM
Dibromochloromethane	ND		0.27	mg/Kg-dry	50	02/28/12 07:10 PM
Dichlorodifluoromethane	ND		0.14	mg/Kg-dry	50	02/28/12 07:10 PM
Ethylbenzene	ND		0.27	mg/Kg-dry	50	02/28/12 07:10 PM
Isopropylbenzene	ND		0.14	mg/Kg-dry	50	02/28/12 07:10 PM
Methyl acetate	ND		0.14	mg/Kg-dry	50	02/28/12 07:10 PM
Methyl tert-butyl ether	ND		0.21	mg/Kg-dry	50	02/28/12 07:10 PM
Methylcyclohexane	ND		2.7	mg/Kg-dry	50	02/28/12 07:10 PM
Methylene chloride	ND		0.27	mg/Kg-dry	50	02/28/12 07:10 PM
Styrene	ND		0.21	mg/Kg-dry	50	02/28/12 07:10 PM
Tetrachloroethene	ND		0.14	mg/Kg-dry	50	02/28/12 07:10 PM
Toluene	ND		0.21	mg/Kg-dry	50	02/28/12 07:10 PM
trans-1,2-Dichloroethene	ND		0.14	mg/Kg-dry	50	02/28/12 07:10 PM
trans-1,3-Dichloropropene	ND		0.21	mg/Kg-dry	50	02/28/12 07:10 PM
Trichloroethene	ND		0.14	mg/Kg-dry	50	02/28/12 07:10 PM
Trichlorofluoromethane	ND		0.14	mg/Kg-dry	50	02/28/12 07:10 PM
Vinyl chloride	ND		0.27	mg/Kg-dry	50	02/28/12 07:10 PM
Xylenes, Total	ND		0.41	mg/Kg-dry	50	02/28/12 07:10 PM
Surr: 1,2-Dichloroethane-d4	95.8		70-120	%REC	50	02/28/12 07:10 PM
Surr: 4-Bromofluorobenzene	102		75-120	%REC	50	02/28/12 07:10 PM
Surr: Dibromofluoromethane	92.6		85-115	%REC	50	02/28/12 07:10 PM
Surr: Toluene-d8	100		85-115	%REC	50	02/28/12 07:10 PM

CHROMIUM, HEXAVALENT

Chromium, Hexavalent ND **SW7196A** 6.8 mg/Kg-dry Prep Date: **02/24/12** Analyst: **MB** 02/27/12 04:00 PM

MOISTURE

Moisture **63** **A2540 G** **0.050** % of sample 1 Analyst: **CG** 02/23/12 04:08 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: AL-B02-S02-022012
Collection Date: 02/20/12 12:25 PM

Work Order: 1202641
Lab ID: 1202641-04
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/28/12	Analyst: JD
2,4,5-T	ND		0.0058	mg/Kg-dry	1	02/29/12 07:35 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/29/12 07:35 PM
2,4-D	ND		0.0058	mg/Kg-dry	1	02/29/12 07:35 PM
Surr: DCAA	98.6		30-150	%REC	1	02/29/12 07:35 PM
PCBS			SW8082		Prep Date: 02/27/12	Analyst: JD
Aroclor 1016	ND		0.045	mg/Kg-dry	1	02/28/12 04:49 PM
Aroclor 1221	ND		0.045	mg/Kg-dry	1	02/28/12 04:49 PM
Aroclor 1232	ND		0.045	mg/Kg-dry	1	02/28/12 04:49 PM
Aroclor 1242	ND		0.045	mg/Kg-dry	1	02/28/12 04:49 PM
Aroclor 1248	ND		0.045	mg/Kg-dry	1	02/28/12 04:49 PM
Aroclor 1254	ND		0.045	mg/Kg-dry	1	02/28/12 04:49 PM
Aroclor 1260	ND		0.045	mg/Kg-dry	1	02/28/12 04:49 PM
Surr: Decachlorobiphenyl	81.1		40-140	%REC	1	02/28/12 04:49 PM
PESTICIDES			SW8081		Prep Date: 02/27/12	Analyst: JD
4,4'-DDD	ND		0.011	mg/Kg-dry	1	03/01/12 06:47 PM
4,4'-DDE	ND UJ		0.011	mg/Kg-dry	1	03/01/12 06:47 PM
4,4'-DDT	ND		0.011	mg/Kg-dry	1	03/01/12 06:47 PM
Aldrin	ND UJ		0.011	mg/Kg-dry	1	03/01/12 06:47 PM
alpha-BHC	ND		0.011	mg/Kg-dry	1	03/01/12 06:47 PM
alpha-Chlordane	ND		0.011	mg/Kg-dry	1	03/01/12 06:47 PM
beta-BHC	ND UJ		0.011	mg/Kg-dry	1	03/01/12 06:47 PM
Chlordane, Technical	ND		0.028	mg/Kg-dry	1	03/01/12 06:47 PM
delta-BHC	ND UJ		0.011	mg/Kg-dry	1	03/01/12 06:47 PM
Dieldrin	ND UJ		0.011	mg/Kg-dry	1	03/01/12 06:47 PM
Endosulfan I	ND		0.011	mg/Kg-dry	1	03/01/12 06:47 PM
Endosulfan II	ND		0.011	mg/Kg-dry	1	03/01/12 06:47 PM
Endosulfan sulfate	ND		0.011	mg/Kg-dry	1	03/01/12 06:47 PM
Endrin	ND		0.011	mg/Kg-dry	1	03/01/12 06:47 PM
Endrin aldehyde	ND		0.011	mg/Kg-dry	1	03/01/12 06:47 PM
Endrin ketone	ND		0.011	mg/Kg-dry	1	03/01/12 06:47 PM
gamma-BHC (Lindane)	ND		0.011	mg/Kg-dry	1	03/01/12 06:47 PM
gamma-Chlordane	ND		0.011	mg/Kg-dry	1	03/01/12 06:47 PM
Heptachlor	ND UJ		0.011	mg/Kg-dry	1	03/01/12 06:47 PM
Heptachlor epoxide	ND UJ		0.011	mg/Kg-dry	1	03/01/12 06:47 PM
Methoxychlor	ND		0.011	mg/Kg-dry	1	03/01/12 06:47 PM
Toxaphene	ND		0.068	mg/Kg-dry	1	03/01/12 06:47 PM
Surr: Decachlorobiphenyl	66.1		45-135	%REC	1	03/01/12 06:47 PM
Surr: Tetrachloro-m-xylene	70.1		45-124	%REC	1	03/01/12 06:47 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: AL-B02-S02-022012
Collection Date: 02/20/12 12:25 PM

Work Order: 1202641
Lab ID: 1202641-04
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/27/12	Analyst: LR
Mercury	ND		0.021	mg/Kg-dry	1	02/27/12 03:29 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/26/12	Analyst: RH
Aluminum	7,600		1.6	mg/Kg-dry	2	02/29/12 03:23 AM
Antimony	ND	UJ	0.79	mg/Kg-dry	2	02/29/12 03:23 AM
Arsenic	5.8	J	0.79	mg/Kg-dry	2	02/29/12 03:23 AM
Barium	42		0.79	mg/Kg-dry	2	02/29/12 03:23 AM
Beryllium	0.32		0.32	mg/Kg-dry	2	02/29/12 03:23 AM
Boron	26	J	3.2	mg/Kg-dry	2	02/29/12 03:23 AM
Cadmium	ND		0.32	mg/Kg-dry	2	02/29/12 03:23 AM
Calcium	850	J	79	mg/Kg-dry	2	02/29/12 03:23 AM
Chromium	10	J	0.79	mg/Kg-dry	2	02/29/12 03:23 AM
Cobalt	5.4		0.79	mg/Kg-dry	2	02/29/12 03:23 AM
Copper	6.4	J	0.79	mg/Kg-dry	2	02/29/12 03:23 AM
Iron	15,000		13	mg/Kg-dry	2	02/29/12 03:23 AM
Lead	8.0	J	0.79	mg/Kg-dry	2	02/29/12 03:23 AM
Magnesium	1,700	J	32	mg/Kg-dry	2	02/29/12 03:23 AM
Manganese	280		0.79	mg/Kg-dry	2	02/29/12 03:23 AM
Nickel	16	J	0.79	mg/Kg-dry	2	02/29/12 03:23 AM
Potassium	800	J	32	mg/Kg-dry	2	02/29/12 03:23 AM
Selenium	ND	UJ	0.79	mg/Kg-dry	2	02/29/12 03:23 AM
Silver	ND		0.79	mg/Kg-dry	2	02/29/12 03:23 AM
Sodium	84		32	mg/Kg-dry	2	02/29/12 03:23 AM
Thallium	ND		0.79	mg/Kg-dry	2	02/29/12 03:23 AM
Vanadium	21	J	0.79	mg/Kg-dry	2	02/29/12 03:23 AM
Zinc	25	J	1.6	mg/Kg-dry	2	02/29/12 03:23 AM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/27/12	Analyst: CW
1,1'-Biphenyl	ND		0.39	mg/Kg-dry	1	02/28/12 07:25 PM
2,4,5-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
2,4,6-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
2,4-Dichlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
2,4-Dimethylphenol	ND		0.39	mg/Kg-dry	1	02/28/12 07:25 PM
2,4-Dinitrophenol	ND		0.77	mg/Kg-dry	1	02/28/12 07:25 PM
2,4-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
2,6-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
2-Chloronaphthalene	ND		0.094	mg/Kg-dry	1	02/28/12 07:25 PM
2-Chlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
2-Methylnaphthalene	ND		0.094	mg/Kg-dry	1	02/28/12 07:25 PM
2-Methylphenol	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM

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

24
3/20/12 AR Page 17 of 109

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B02-S02-022012

Lab ID: 1202641-04

Collection Date: 02/20/12 12:25 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.77	mg/Kg-dry	1	02/28/12 07:25 PM
2-Nitrophenol	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
3,3'-Dichlorobenzidine	ND		0.77	mg/Kg-dry	1	02/28/12 07:25 PM
3-Nitroaniline	ND		0.77	mg/Kg-dry	1	02/28/12 07:25 PM
4,6-Dinitro-2-methylphenol	ND		0.39	mg/Kg-dry	1	02/28/12 07:25 PM
4-Bromophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
4-Chloro-3-methylphenol	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
4-Chloroaniline	ND		0.77	mg/Kg-dry	1	02/28/12 07:25 PM
4-Chlorophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
4-Methylphenol	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
4-Nitroaniline	ND		0.77	mg/Kg-dry	1	02/28/12 07:25 PM
4-Nitrophenol	ND		0.77	mg/Kg-dry	1	02/28/12 07:25 PM
Acenaphthene	ND		0.035	mg/Kg-dry	1	02/28/12 07:25 PM
Acenaphthylene	ND		0.035	mg/Kg-dry	1	02/28/12 07:25 PM
Acetophenone	ND		0.39	mg/Kg-dry	1	02/28/12 07:25 PM
Anthracene	ND		0.035	mg/Kg-dry	1	02/28/12 07:25 PM
Atrazine	ND		0.39	mg/Kg-dry	1	02/28/12 07:25 PM
Benzaldehyde	ND		0.39	mg/Kg-dry	1	02/28/12 07:25 PM
Benzo(a)anthracene	ND		0.035	mg/Kg-dry	1	02/28/12 07:25 PM
Benzo(a)pyrene	ND		0.035	mg/Kg-dry	1	02/28/12 07:25 PM
Benzo(b)fluoranthene	ND		0.035	mg/Kg-dry	1	02/28/12 07:25 PM
Benzo(g,h,i)perylene	ND		0.035	mg/Kg-dry	1	02/28/12 07:25 PM
Benzo(k)fluoranthene	ND		0.035	mg/Kg-dry	1	02/28/12 07:25 PM
Bis(2-chloroethoxy)methane	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
Bis(2-chloroethyl)ether	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
Bis(2-chloroisopropyl)ether	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
Bis(2-ethylhexyl)phthalate	ND		0.39	mg/Kg-dry	1	02/28/12 07:25 PM
Butyl benzyl phthalate	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
Caprolactam	ND		0.39	mg/Kg-dry	1	02/28/12 07:25 PM
Carbazole	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
Chrysene	ND		0.035	mg/Kg-dry	1	02/28/12 07:25 PM
Dibenzo(a,h)anthracene	ND		0.035	mg/Kg-dry	1	02/28/12 07:25 PM
Dibenzofuran	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
Diethyl phthalate	ND		0.39	mg/Kg-dry	1	02/28/12 07:25 PM
Dimethyl phthalate	ND		0.39	mg/Kg-dry	1	02/28/12 07:25 PM
Di-n-butyl phthalate	ND		0.39	mg/Kg-dry	1	02/28/12 07:25 PM
Di-n-octyl phthalate	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
Fluoranthene	ND		0.035	mg/Kg-dry	1	02/28/12 07:25 PM
Fluorene	ND		0.035	mg/Kg-dry	1	02/28/12 07:25 PM
Hexachlorobenzene	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B02-S02-022012

Lab ID: 1202641-04

Collection Date: 02/20/12 12:25 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
Hexachlorocyclopentadiene	ND		0.39	mg/Kg-dry	1	02/28/12 07:25 PM
Hexachloroethane	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
Indeno(1,2,3-cd)pyrene	ND		0.035	mg/Kg-dry	1	02/28/12 07:25 PM
Isophorone	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
Naphthalene	ND		0.035	mg/Kg-dry	1	02/28/12 07:25 PM
Nitrobenzene	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
N-Nitrosodi-n-propylamine	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
N-Nitrosodiphenylamine	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
Pentachlorophenol	ND		0.39	mg/Kg-dry	1	02/28/12 07:25 PM
Phenanthrene	ND		0.035	mg/Kg-dry	1	02/28/12 07:25 PM
Phenol	ND		0.19	mg/Kg-dry	1	02/28/12 07:25 PM
Pyrene	ND		0.035	mg/Kg-dry	1	02/28/12 07:25 PM
Surr: 2,4,6-Tribromophenol	80.4		34-140	%REC	1	02/28/12 07:25 PM
Surr: 2-Fluorobiphenyl	76.5		12-100	%REC	1	02/28/12 07:25 PM
Surr: 2-Fluorophenol	89.2		33-117	%REC	1	02/28/12 07:25 PM
Surr: 4-Terphenyl-d14	96.2		25-137	%REC	1	02/28/12 07:25 PM
Surr: Nitrobenzene-d5	86.1		37-107	%REC	1	02/28/12 07:25 PM
Surr: Phenol-d6	89.6		40-106	%REC	1	02/28/12 07:25 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: RS

1,1,1-Trichloroethane	ND		0.059	mg/Kg-dry	50	02/28/12 07:35 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/28/12 07:35 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/28/12 07:35 PM
1,1,2-Trichlorotrifluoroethane	ND		0.059	mg/Kg-dry	50	02/28/12 07:35 PM
1,1-Dichloroethane	ND		0.059	mg/Kg-dry	50	02/28/12 07:35 PM
1,1-Dichloroethene	ND		0.059	mg/Kg-dry	50	02/28/12 07:35 PM
1,2,4-Trichlorobenzene	ND		0.059	mg/Kg-dry	50	02/28/12 07:35 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/28/12 07:35 PM
1,2-Dibromoethane	ND		0.088	mg/Kg-dry	50	02/28/12 07:35 PM
1,2-Dichlorobenzene	ND		0.059	mg/Kg-dry	50	02/28/12 07:35 PM
1,2-Dichloroethane	ND		0.059	mg/Kg-dry	50	02/28/12 07:35 PM
1,2-Dichloropropane	ND		0.21	mg/Kg-dry	50	02/28/12 07:35 PM
1,3-Dichlorobenzene	ND		0.059	mg/Kg-dry	50	02/28/12 07:35 PM
1,4-Dichlorobenzene	ND		0.059	mg/Kg-dry	50	02/28/12 07:35 PM
2-Butanone	ND		0.44	mg/Kg-dry	50	02/28/12 07:35 PM
2-Hexanone	ND		0.29	mg/Kg-dry	50	02/28/12 07:35 PM
4-Methyl-2-pentanone	ND		0.29	mg/Kg-dry	50	02/28/12 07:35 PM
Acetone	ND		0.27	mg/Kg-dry	50	02/28/12 07:35 PM
Benzene	ND		0.059	mg/Kg-dry	50	02/28/12 07:35 PM
Bromodichloromethane	ND		0.088	mg/Kg-dry	50	02/28/12 07:35 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: AL-B02-S02-022012
Collection Date: 02/20/12 12:25 PM

Work Order: 1202641
Lab ID: 1202641-04
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.059	mg/Kg-dry	50	02/28/12 07:35 PM
Bromomethane	ND		0.088	mg/Kg-dry	50	02/28/12 07:35 PM
Carbon disulfide	ND		0.088	mg/Kg-dry	50	02/28/12 07:35 PM
Carbon tetrachloride	ND		0.059	mg/Kg-dry	50	02/28/12 07:35 PM
Chlorobenzene	ND		0.088	mg/Kg-dry	50	02/28/12 07:35 PM
Chloroethane	ND		0.18	mg/Kg-dry	50	02/28/12 07:35 PM
Chloroform	ND		0.059	mg/Kg-dry	50	02/28/12 07:35 PM
Chloromethane	ND		0.18	mg/Kg-dry	50	02/28/12 07:35 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/28/12 07:35 PM
cis-1,3-Dichloropropene	ND		0.059	mg/Kg-dry	50	02/28/12 07:35 PM
Cyclohexane	ND		0.059	mg/Kg-dry	50	02/28/12 07:35 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/28/12 07:35 PM
Dichlorodifluoromethane	ND		0.059	mg/Kg-dry	50	02/28/12 07:35 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/28/12 07:35 PM
Isopropylbenzene	ND		0.059	mg/Kg-dry	50	02/28/12 07:35 PM
Methyl acetate	ND		0.059	mg/Kg-dry	50	02/28/12 07:35 PM
Methyl tert-butyl ether	ND		0.088	mg/Kg-dry	50	02/28/12 07:35 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/28/12 07:35 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/28/12 07:35 PM
Styrene	ND		0.088	mg/Kg-dry	50	02/28/12 07:35 PM
Tetrachloroethene	ND		0.059	mg/Kg-dry	50	02/28/12 07:35 PM
Toluene	ND		0.088	mg/Kg-dry	50	02/28/12 07:35 PM
trans-1,2-Dichloroethene	ND		0.059	mg/Kg-dry	50	02/28/12 07:35 PM
trans-1,3-Dichloropropene	ND		0.088	mg/Kg-dry	50	02/28/12 07:35 PM
Trichloroethene	ND		0.059	mg/Kg-dry	50	02/28/12 07:35 PM
Trichlorofluoromethane	ND		0.059	mg/Kg-dry	50	02/28/12 07:35 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/28/12 07:35 PM
Xylenes, Total	ND		0.18	mg/Kg-dry	50	02/28/12 07:35 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	86.5		70-120	%REC	50	02/28/12 07:35 PM
<i>Surr: 4-Bromofluorobenzene</i>	101		75-120	%REC	50	02/28/12 07:35 PM
<i>Surr: Dibromofluoromethane</i>	87.4		85-115	%REC	50	02/28/12 07:35 PM
<i>Surr: Toluene-d8</i>	100		85-115	%REC	50	02/28/12 07:35 PM

CHROMIUM, HEXAVALENT

Chromium, Hexavalent ND *UT* **SW7196A** mg/Kg-dry 1 Prep Date: 02/24/12 Analyst: MB 02/27/12 04:00 PM

MOISTURE

Moisture 15 **A2540 G** % of sample 1 Analyst: CG 02/23/12 04:08 PM

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

22
3/20/2012

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B02-S01-022012-DP

Lab ID: 1202641-05

Collection Date: 02/20/12 12:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/24/12	Analyst: JD
2,4,5-T	ND		0.013	mg/Kg-dry	1	02/25/12 03:09 AM
2,4,5-TP (Silvex)	ND		0.025	mg/Kg-dry	1	02/25/12 03:09 AM
2,4-D	ND		0.013	mg/Kg-dry	1	02/25/12 03:09 AM
Surr: DCAA	82.8		30-150	%REC	1	02/25/12 03:09 AM
PCBS			SW8082		Prep Date: 02/27/12	Analyst: JD
Aroclor 1016	ND		0.10	mg/Kg-dry	1	02/28/12 05:48 PM
Aroclor 1221	ND		0.10	mg/Kg-dry	1	02/28/12 05:48 PM
Aroclor 1232	ND		0.10	mg/Kg-dry	1	02/28/12 05:48 PM
Aroclor 1242	ND		0.10	mg/Kg-dry	1	02/28/12 05:48 PM
Aroclor 1248	ND		0.10	mg/Kg-dry	1	02/28/12 05:48 PM
Aroclor 1254	ND		0.10	mg/Kg-dry	1	02/28/12 05:48 PM
Aroclor 1260	ND		0.10	mg/Kg-dry	1	02/28/12 05:48 PM
Surr: Decachlorobiphenyl	83.1		40-140	%REC	1	02/28/12 05:48 PM
PESTICIDES			SW8081		Prep Date: 02/27/12	Analyst: JD
4,4'-DDD	ND		0.13	mg/Kg-dry	5	03/01/12 07:32 PM
4,4'-DDE	ND		0.13	mg/Kg-dry	5	03/01/12 07:32 PM
4,4'-DDT	ND		0.13	mg/Kg-dry	5	03/01/12 07:32 PM
Aldrin	ND		0.13	mg/Kg-dry	5	03/01/12 07:32 PM
alpha-BHC	ND		0.13	mg/Kg-dry	5	03/01/12 07:32 PM
alpha-Chlordane	ND		0.13	mg/Kg-dry	5	03/01/12 07:32 PM
beta-BHC	ND		0.13	mg/Kg-dry	5	03/01/12 07:32 PM
Chlordane, Technical	ND		0.31	mg/Kg-dry	5	03/01/12 07:32 PM
delta-BHC	ND		0.13	mg/Kg-dry	5	03/01/12 07:32 PM
Dieldrin	ND		0.13	mg/Kg-dry	5	03/01/12 07:32 PM
Endosulfan I	ND		0.13	mg/Kg-dry	5	03/01/12 07:32 PM
Endosulfan II	ND		0.13	mg/Kg-dry	5	03/01/12 07:32 PM
Endosulfan sulfate	ND		0.13	mg/Kg-dry	5	03/01/12 07:32 PM
Endrin	ND		0.13	mg/Kg-dry	5	03/01/12 07:32 PM
Endrin aldehyde	ND		0.13	mg/Kg-dry	5	03/01/12 07:32 PM
Endrin ketone	ND		0.13	mg/Kg-dry	5	03/01/12 07:32 PM
gamma-BHC (Lindane)	ND		0.13	mg/Kg-dry	5	03/01/12 07:32 PM
gamma-Chlordane	ND		0.13	mg/Kg-dry	5	03/01/12 07:32 PM
Heptachlor	ND		0.13	mg/Kg-dry	5	03/01/12 07:32 PM
Heptachlor epoxide	ND		0.13	mg/Kg-dry	5	03/01/12 07:32 PM
Methoxychlor	ND		0.13	mg/Kg-dry	5	03/01/12 07:32 PM
Toxaphene	ND		0.75	mg/Kg-dry	5	03/01/12 07:32 PM
Surr: Decachlorobiphenyl	75.1		45-135	%REC	5	03/01/12 07:32 PM
Surr: Tetrachloro-m-xylene	70.1		45-124	%REC	5	03/01/12 07:32 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B02-S01-022012-DP

Lab ID: 1202641-05

Collection Date: 02/20/12 12:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/27/12	Analyst: LR
Mercury	0.14		0.047	mg/Kg-dry	1	02/27/12 03:39 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/26/12	Analyst: RH
Aluminum	11,000		3.7	mg/Kg-dry	2	02/28/12 11:58 PM
Antimony	17		1.9	mg/Kg-dry	2	02/28/12 11:58 PM
Arsenic	61		1.9	mg/Kg-dry	2	02/28/12 11:58 PM
Barium	4,600		19	mg/Kg-dry	20	02/29/12 04:43 PM
Beryllium	1.0		0.75	mg/Kg-dry	2	02/28/12 11:58 PM
Boron	2,300		75	mg/Kg-dry	20	02/29/12 04:43 PM
Cadmium	7.0		0.75	mg/Kg-dry	2	02/28/12 11:58 PM
Calcium	33,000		190	mg/Kg-dry	2	02/28/12 11:58 PM
Chromium	700		19	mg/Kg-dry	20	02/29/12 04:43 PM
Cobalt	670		1.9	mg/Kg-dry	2	02/28/12 11:58 PM
Copper	160		1.9	mg/Kg-dry	2	02/28/12 11:58 PM
Iron	75,000		300	mg/Kg-dry	20	02/29/12 04:43 PM
Lead	720		19	mg/Kg-dry	20	02/29/12 04:43 PM
Magnesium	16,000		75	mg/Kg-dry	2	02/28/12 11:58 PM
Manganese	1,500		19	mg/Kg-dry	20	02/29/12 04:43 PM
Nickel	2,100		19	mg/Kg-dry	20	02/29/12 04:43 PM
Potassium	4,700		75	mg/Kg-dry	2	02/28/12 11:58 PM
Selenium	ND		1.9	mg/Kg-dry	2	02/28/12 11:58 PM
Silver	ND		1.9	mg/Kg-dry	2	02/28/12 11:58 PM
Sodium	2,400		75	mg/Kg-dry	2	02/28/12 11:58 PM
Thallium	ND		1.9	mg/Kg-dry	2	02/28/12 11:58 PM
Vanadium	ND		19	mg/Kg-dry	20	02/29/12 04:43 PM
Zinc	5,100		37	mg/Kg-dry	20	02/29/12 04:43 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,1'-Biphenyl	ND		0.85	mg/Kg-dry	1	02/28/12 09:34 PM
2,4,5-Trichlorophenol	ND		0.41	mg/Kg-dry	1	02/28/12 09:34 PM
2,4,6-Trichlorophenol	ND		0.41	mg/Kg-dry	1	02/28/12 09:34 PM
2,4-Dichlorophenol	ND		0.41	mg/Kg-dry	1	02/28/12 09:34 PM
2,4-Dimethylphenol	ND		0.85	mg/Kg-dry	1	02/28/12 09:34 PM
2,4-Dinitrophenol	ND		1.7	mg/Kg-dry	1	02/28/12 09:34 PM
2,4-Dinitrotoluene	ND		0.41	mg/Kg-dry	1	02/28/12 09:34 PM
2,6-Dinitrotoluene	ND		0.41	mg/Kg-dry	1	02/28/12 09:34 PM
2-Chloronaphthalene	ND		0.21	mg/Kg-dry	1	02/28/12 09:34 PM
2-Chlorophenol	ND		0.41	mg/Kg-dry	1	02/28/12 09:34 PM
2-Methylnaphthalene	ND		0.21	mg/Kg-dry	1	02/28/12 09:34 PM
2-Methylphenol	ND		0.41	mg/Kg-dry	1	02/28/12 09:34 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B02-S01-022012-DP

Lab ID: 1202641-05

Collection Date: 02/20/12 12:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		1.7	mg/Kg-dry	1	02/28/12 09:34 PM
2-Nitrophenol	ND		0.41	mg/Kg-dry	1	02/28/12 09:34 PM
3,3'-Dichlorobenzidine	ND		34	mg/Kg-dry	20	02/29/12 08:09 PM
3-Nitroaniline	ND		1.7	mg/Kg-dry	1	02/28/12 09:34 PM
4,6-Dinitro-2-methylphenol	ND		17	mg/Kg-dry	20	02/29/12 08:09 PM
4-Bromophenyl phenyl ether	ND		8.2	mg/Kg-dry	20	02/29/12 08:09 PM
4-Chloro-3-methylphenol	ND		0.41	mg/Kg-dry	1	02/28/12 09:34 PM
4-Chloroaniline	ND		1.7	mg/Kg-dry	1	02/28/12 09:34 PM
4-Chlorophenyl phenyl ether	ND		0.41	mg/Kg-dry	1	02/28/12 09:34 PM
4-Methylphenol	ND		0.41	mg/Kg-dry	1	02/28/12 09:34 PM
4-Nitroaniline	ND		1.7	mg/Kg-dry	1	02/28/12 09:34 PM
4-Nitrophenol	ND		1.7	mg/Kg-dry	1	02/28/12 09:34 PM
Acenaphthene	ND		0.077	mg/Kg-dry	1	02/28/12 09:34 PM
Acenaphthylene	ND		0.077	mg/Kg-dry	1	02/28/12 09:34 PM
Acetophenone	ND		0.85	mg/Kg-dry	1	02/28/12 09:34 PM
Anthracene	ND		1.5	mg/Kg-dry	20	02/29/12 08:09 PM
Atrazine	ND		0.85	mg/Kg-dry	1	02/28/12 09:34 PM
Benzaldehyde	ND		0.85	mg/Kg-dry	1	02/28/12 09:34 PM
Benzo(a)anthracene	ND		1.5	mg/Kg-dry	20	02/29/12 08:09 PM
Benzo(a)pyrene	ND		1.5	mg/Kg-dry	20	02/29/12 08:09 PM
Benzo(b)fluoranthene	ND		1.5	mg/Kg-dry	20	02/29/12 08:09 PM
Benzo(g,h,i)perylene	ND		1.5	mg/Kg-dry	20	02/29/12 08:09 PM
Benzo(k)fluoranthene	ND		1.5	mg/Kg-dry	20	02/29/12 08:09 PM
Bis(2-chloroethoxy)methane	ND		0.41	mg/Kg-dry	1	02/28/12 09:34 PM
Bis(2-chloroethyl)ether	ND		0.41	mg/Kg-dry	1	02/28/12 09:34 PM
Bis(2-chloroisopropyl)ether	ND		0.41	mg/Kg-dry	1	02/28/12 09:34 PM
Bis(2-ethylhexyl)phthalate	ND		17	mg/Kg-dry	20	02/29/12 08:09 PM
Butyl benzyl phthalate	ND		8.2	mg/Kg-dry	20	02/29/12 08:09 PM
Caprolactam	ND		0.85	mg/Kg-dry	1	02/28/12 09:34 PM
Carbazole	ND		8.2	mg/Kg-dry	20	02/29/12 08:09 PM
Chrysene	ND		1.5	mg/Kg-dry	20	02/29/12 08:09 PM
Dibenzo(a,h)anthracene	ND		1.5	mg/Kg-dry	20	02/29/12 08:09 PM
Dibenzofuran	ND		0.41	mg/Kg-dry	1	02/28/12 09:34 PM
Diethyl phthalate	ND		0.85	mg/Kg-dry	1	02/28/12 09:34 PM
Dimethyl phthalate	ND		0.85	mg/Kg-dry	1	02/28/12 09:34 PM
Di-n-butyl phthalate	ND		17	mg/Kg-dry	20	02/29/12 08:09 PM
Di-n-octyl phthalate	ND		8.2	mg/Kg-dry	20	02/29/12 08:09 PM
Fluoranthene	ND		1.5	mg/Kg-dry	20	02/29/12 08:09 PM
Fluorene	ND		0.077	mg/Kg-dry	1	02/28/12 09:34 PM
Hexachlorobenzene	ND		8.2	mg/Kg-dry	20	02/29/12 08:09 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B02-S01-022012-DP

Lab ID: 1202641-05

Collection Date: 02/20/12 12:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.41	mg/Kg-dry	1	02/28/12 09:34 PM
Hexachlorocyclopentadiene	ND		0.85	mg/Kg-dry	1	02/28/12 09:34 PM
Hexachloroethane	ND		0.41	mg/Kg-dry	1	02/28/12 09:34 PM
Indeno(1,2,3-cd)pyrene	ND		1.5	mg/Kg-dry	20	02/29/12 08:09 PM
Isophorone	ND		0.41	mg/Kg-dry	1	02/28/12 09:34 PM
Naphthalene	ND		0.077	mg/Kg-dry	1	02/28/12 09:34 PM
Nitrobenzene	ND		0.41	mg/Kg-dry	1	02/28/12 09:34 PM
N-Nitrosodi-n-propylamine	ND		0.41	mg/Kg-dry	1	02/28/12 09:34 PM
N-Nitrosodiphenylamine	ND		8.2	mg/Kg-dry	20	02/29/12 08:09 PM
Pentachlorophenol	ND		17	mg/Kg-dry	20	02/29/12 08:09 PM
Phenanthrene	ND		1.5	mg/Kg-dry	20	02/29/12 08:09 PM
Phenol	ND		0.41	mg/Kg-dry	1	02/28/12 09:34 PM
Pyrene	ND		1.5	mg/Kg-dry	20	02/29/12 08:09 PM
Surr: 2,4,6-Tribromophenol	129		34-140	%REC	20	02/29/12 08:09 PM
Surr: 2-Fluorobiphenyl	72.3		12-100	%REC	1	02/28/12 09:34 PM
Surr: 2-Fluorophenol	77.5		33-117	%REC	1	02/28/12 09:34 PM
Surr: 4-Terphenyl-d14	125		25-137	%REC	20	02/29/12 08:09 PM
Surr: Nitrobenzene-d5	79.0		37-107	%REC	1	02/28/12 09:34 PM
Surr: Phenol-d6	78.5		40-106	%REC	1	02/28/12 09:34 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: RS

1,1,1-Trichloroethane	ND		0.13	mg/Kg-dry	50	02/28/12 08:00 PM
1,1,2,2-Tetrachloroethane	ND		0.26	mg/Kg-dry	50	02/28/12 08:00 PM
1,1,2-Trichloroethane	ND		0.26	mg/Kg-dry	50	02/28/12 08:00 PM
1,1,2-Trichlorotrifluoroethane	ND		0.13	mg/Kg-dry	50	02/28/12 08:00 PM
1,1-Dichloroethane	ND		0.13	mg/Kg-dry	50	02/28/12 08:00 PM
1,1-Dichloroethene	ND		0.13	mg/Kg-dry	50	02/28/12 08:00 PM
1,2,4-Trichlorobenzene	ND		0.13	mg/Kg-dry	50	02/28/12 08:00 PM
1,2-Dibromo-3-chloropropane	ND		0.26	mg/Kg-dry	50	02/28/12 08:00 PM
1,2-Dibromoethane	ND		0.19	mg/Kg-dry	50	02/28/12 08:00 PM
1,2-Dichlorobenzene	ND		0.13	mg/Kg-dry	50	02/28/12 08:00 PM
1,2-Dichloroethane	ND		0.13	mg/Kg-dry	50	02/28/12 08:00 PM
1,2-Dichloropropane	ND		0.45	mg/Kg-dry	50	02/28/12 08:00 PM
1,3-Dichlorobenzene	ND		0.13	mg/Kg-dry	50	02/28/12 08:00 PM
1,4-Dichlorobenzene	ND		0.13	mg/Kg-dry	50	02/28/12 08:00 PM
2-Butanone	ND		0.97	mg/Kg-dry	50	02/28/12 08:00 PM
2-Hexanone	ND		0.65	mg/Kg-dry	50	02/28/12 08:00 PM
4-Methyl-2-pentanone	ND		0.65	mg/Kg-dry	50	02/28/12 08:00 PM
Acetone	ND		0.58	mg/Kg-dry	50	02/28/12 08:00 PM
Benzene	ND		0.13	mg/Kg-dry	50	02/28/12 08:00 PM
Bromodichloromethane	ND		0.19	mg/Kg-dry	50	02/28/12 08:00 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B02-S01-022012-DP

Lab ID: 1202641-05

Collection Date: 02/20/12 12:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.13	mg/Kg-dry	50	02/28/12 08:00 PM
Bromomethane	ND		0.19	mg/Kg-dry	50	02/28/12 08:00 PM
Carbon disulfide	ND		0.19	mg/Kg-dry	50	02/28/12 08:00 PM
Carbon tetrachloride	ND		0.13	mg/Kg-dry	50	02/28/12 08:00 PM
Chlorobenzene	ND		0.19	mg/Kg-dry	50	02/28/12 08:00 PM
Chloroethane	ND		0.39	mg/Kg-dry	50	02/28/12 08:00 PM
Chloroform	ND		0.13	mg/Kg-dry	50	02/28/12 08:00 PM
Chloromethane	ND		0.39	mg/Kg-dry	50	02/28/12 08:00 PM
cis-1,2-Dichloroethene	ND		0.26	mg/Kg-dry	50	02/28/12 08:00 PM
cis-1,3-Dichloropropene	ND		0.13	mg/Kg-dry	50	02/28/12 08:00 PM
Cyclohexane	ND		0.13	mg/Kg-dry	50	02/28/12 08:00 PM
Dibromochloromethane	ND		0.26	mg/Kg-dry	50	02/28/12 08:00 PM
Dichlorodifluoromethane	ND		0.13	mg/Kg-dry	50	02/28/12 08:00 PM
Ethylbenzene	ND		0.26	mg/Kg-dry	50	02/28/12 08:00 PM
Isopropylbenzene	ND		0.13	mg/Kg-dry	50	02/28/12 08:00 PM
Methyl acetate	ND		0.13	mg/Kg-dry	50	02/28/12 08:00 PM
Methyl tert-butyl ether	ND		0.19	mg/Kg-dry	50	02/28/12 08:00 PM
Methylcyclohexane	ND		2.6	mg/Kg-dry	50	02/28/12 08:00 PM
Methylene chloride	ND		0.26	mg/Kg-dry	50	02/28/12 08:00 PM
Styrene	ND		0.19	mg/Kg-dry	50	02/28/12 08:00 PM
Tetrachloroethene	ND		0.13	mg/Kg-dry	50	02/28/12 08:00 PM
Toluene	ND		0.19	mg/Kg-dry	50	02/28/12 08:00 PM
trans-1,2-Dichloroethene	ND		0.13	mg/Kg-dry	50	02/28/12 08:00 PM
trans-1,3-Dichloropropene	ND		0.19	mg/Kg-dry	50	02/28/12 08:00 PM
Trichloroethene	ND		0.13	mg/Kg-dry	50	02/28/12 08:00 PM
Trichlorofluoromethane	ND		0.13	mg/Kg-dry	50	02/28/12 08:00 PM
Vinyl chloride	ND		0.26	mg/Kg-dry	50	02/28/12 08:00 PM
Xylenes, Total	ND		0.39	mg/Kg-dry	50	02/28/12 08:00 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	89.9		70-120	%REC	50	02/28/12 08:00 PM
<i>Surr: 4-Bromofluorobenzene</i>	99.0		75-120	%REC	50	02/28/12 08:00 PM
<i>Surr: Dibromofluoromethane</i>	89.9		85-115	%REC	50	02/28/12 08:00 PM
<i>Surr: Toluene-d8</i>	98.0		85-115	%REC	50	02/28/12 08:00 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/24/12	Analyst: MB
Chromium, Hexavalent	ND		6.4	mg/Kg-dry	5	02/27/12 04:00 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	61		0.050	% of sample	1	02/23/12 04:08 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B03-S01-022012

Lab ID: 1202641-06

Collection Date: 02/20/12 10:50 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/24/12	Analyst: JD
2,4,5-T	ND		0.0056	mg/Kg-dry	1	02/25/12 03:09 AM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/25/12 03:09 AM
2,4-D	ND		0.0056	mg/Kg-dry	1	02/25/12 03:09 AM
Surr: DCAA	77.4		30-150	%REC	1	02/25/12 03:09 AM
PCBS			SW8082		Prep Date: 02/27/12	Analyst: JD
Aroclor 1016	ND		0.046	mg/Kg-dry	1	02/28/12 06:08 PM
Aroclor 1221	ND		0.046	mg/Kg-dry	1	02/28/12 06:08 PM
Aroclor 1232	ND		0.046	mg/Kg-dry	1	02/28/12 06:08 PM
Aroclor 1242	ND		0.046	mg/Kg-dry	1	02/28/12 06:08 PM
Aroclor 1248	ND		0.046	mg/Kg-dry	1	02/28/12 06:08 PM
Aroclor 1254	ND		0.046	mg/Kg-dry	1	02/28/12 06:08 PM
Aroclor 1260	ND		0.046	mg/Kg-dry	1	02/28/12 06:08 PM
Surr: Decachlorobiphenyl	74.1		40-140	%REC	1	02/28/12 06:08 PM
PESTICIDES			SW8081		Prep Date: 02/27/12	Analyst: JD
4,4'-DDD	ND		0.011	mg/Kg-dry	1	03/01/12 07:46 PM
4,4'-DDE	ND		0.011	mg/Kg-dry	1	03/01/12 07:46 PM
4,4'-DDT	ND		0.011	mg/Kg-dry	1	03/01/12 07:46 PM
Aldrin	ND		0.011	mg/Kg-dry	1	03/01/12 07:46 PM
alpha-BHC	ND		0.011	mg/Kg-dry	1	03/01/12 07:46 PM
alpha-Chlordane	ND		0.011	mg/Kg-dry	1	03/01/12 07:46 PM
beta-BHC	ND		0.011	mg/Kg-dry	1	03/01/12 07:46 PM
Chlordane, Technical	ND		0.029	mg/Kg-dry	1	03/01/12 07:46 PM
delta-BHC	ND		0.011	mg/Kg-dry	1	03/01/12 07:46 PM
Dieldrin	ND		0.011	mg/Kg-dry	1	03/01/12 07:46 PM
Endosulfan I	ND		0.011	mg/Kg-dry	1	03/01/12 07:46 PM
Endosulfan II	ND		0.011	mg/Kg-dry	1	03/01/12 07:46 PM
Endosulfan sulfate	ND		0.011	mg/Kg-dry	1	03/01/12 07:46 PM
Endrin	ND		0.011	mg/Kg-dry	1	03/01/12 07:46 PM
Endrin aldehyde	ND		0.011	mg/Kg-dry	1	03/01/12 07:46 PM
Endrin ketone	ND		0.011	mg/Kg-dry	1	03/01/12 07:46 PM
gamma-BHC (Lindane)	ND		0.011	mg/Kg-dry	1	03/01/12 07:46 PM
gamma-Chlordane	ND		0.011	mg/Kg-dry	1	03/01/12 07:46 PM
Heptachlor	ND		0.011	mg/Kg-dry	1	03/01/12 07:46 PM
Heptachlor epoxide	ND		0.011	mg/Kg-dry	1	03/01/12 07:46 PM
Methoxychlor	ND		0.011	mg/Kg-dry	1	03/01/12 07:46 PM
Toxaphene	ND		0.069	mg/Kg-dry	1	03/01/12 07:46 PM
Surr: Decachlorobiphenyl	59.1		45-135	%REC	1	03/01/12 07:46 PM
Surr: Tetrachloro-m-xylene	63.1		45-124	%REC	1	03/01/12 07:46 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B03-S01-022012

Lab ID: 1202641-06

Collection Date: 02/20/12 10:50 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/27/12	Analyst: LR
Mercury	ND		0.019	mg/Kg-dry	1	02/27/12 03:52 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/26/12	Analyst: RH
Aluminum	5,600		17	mg/Kg-dry	20	03/01/12 05:57 AM
Antimony	ND		0.84	mg/Kg-dry	2	02/29/12 12:53 AM
Arsenic	8.2		0.84	mg/Kg-dry	2	02/29/12 12:53 AM
Barium	45		0.84	mg/Kg-dry	2	02/29/12 12:53 AM
Beryllium	ND		3.4	mg/Kg-dry	20	02/29/12 04:49 PM
Boron	ND		34	mg/Kg-dry	20	02/29/12 04:49 PM
Cadmium	ND		0.34	mg/Kg-dry	2	02/29/12 12:53 AM
Calcium	1,300		84	mg/Kg-dry	2	02/29/12 12:53 AM
Chromium	12		0.84	mg/Kg-dry	2	02/29/12 12:53 AM
Cobalt	8.2		0.84	mg/Kg-dry	2	02/29/12 12:53 AM
Copper	13		0.84	mg/Kg-dry	2	02/29/12 12:53 AM
Iron	18,000		13	mg/Kg-dry	2	02/29/12 12:53 AM
Lead	9.8		0.84	mg/Kg-dry	2	02/29/12 12:53 AM
Magnesium	2,200		340	mg/Kg-dry	20	02/29/12 04:49 PM
Manganese	860		8.4	mg/Kg-dry	20	02/29/12 04:49 PM
Nickel	22		0.84	mg/Kg-dry	2	02/29/12 12:53 AM
Potassium	860		34	mg/Kg-dry	2	02/29/12 12:53 AM
Selenium	1.2		0.84	mg/Kg-dry	2	02/29/12 12:53 AM
Silver	ND		0.84	mg/Kg-dry	2	02/29/12 12:53 AM
Sodium	ND		340	mg/Kg-dry	20	02/29/12 04:49 PM
Thallium	ND		0.84	mg/Kg-dry	2	02/29/12 12:53 AM
Vanadium	21		0.84	mg/Kg-dry	2	02/29/12 12:53 AM
Zinc	56		1.7	mg/Kg-dry	2	02/29/12 12:53 AM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,1'-Biphenyl	ND		0.37	mg/Kg-dry	1	02/28/12 06:45 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
2,4-Dimethylphenol	ND		0.37	mg/Kg-dry	1	02/28/12 06:45 PM
2,4-Dinitrophenol	ND		0.74	mg/Kg-dry	1	02/28/12 06:45 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
2-Chloronaphthalene	ND		0.090	mg/Kg-dry	1	02/28/12 06:45 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
2-Methylnaphthalene	ND		0.090	mg/Kg-dry	1	02/28/12 06:45 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B03-S01-022012

Lab ID: 1202641-06

Collection Date: 02/20/12 10:50 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.74	mg/Kg-dry	1	02/28/12 06:45 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
3,3'-Dichlorobenzidine	ND		0.74	mg/Kg-dry	1	02/28/12 06:45 PM
3-Nitroaniline	ND		0.74	mg/Kg-dry	1	02/28/12 06:45 PM
4,6-Dinitro-2-methylphenol	ND		0.37	mg/Kg-dry	1	02/28/12 06:45 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
4-Chloroaniline	ND		0.74	mg/Kg-dry	1	02/28/12 06:45 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
4-Nitroaniline	ND		0.74	mg/Kg-dry	1	02/28/12 06:45 PM
4-Nitrophenol	ND		0.74	mg/Kg-dry	1	02/28/12 06:45 PM
Acenaphthene	ND		0.034	mg/Kg-dry	1	02/28/12 06:45 PM
Acenaphthylene	ND		0.034	mg/Kg-dry	1	02/28/12 06:45 PM
Acetophenone	ND		0.37	mg/Kg-dry	1	02/28/12 06:45 PM
Anthracene	ND		0.034	mg/Kg-dry	1	02/28/12 06:45 PM
Atrazine	ND		0.37	mg/Kg-dry	1	02/28/12 06:45 PM
Benzaldehyde	ND		0.37	mg/Kg-dry	1	02/28/12 06:45 PM
Benzo(a)anthracene	ND		0.034	mg/Kg-dry	1	02/28/12 06:45 PM
Benzo(a)pyrene	ND		0.034	mg/Kg-dry	1	02/28/12 06:45 PM
Benzo(b)fluoranthene	ND		0.034	mg/Kg-dry	1	02/28/12 06:45 PM
Benzo(g,h,i)perylene	ND		0.034	mg/Kg-dry	1	02/28/12 06:45 PM
Benzo(k)fluoranthene	ND		0.034	mg/Kg-dry	1	02/28/12 06:45 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
Bis(2-ethylhexyl)phthalate	ND		0.37	mg/Kg-dry	1	02/28/12 06:45 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
Caprolactam	ND		0.37	mg/Kg-dry	1	02/28/12 06:45 PM
Carbazole	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
Chrysene	ND		0.034	mg/Kg-dry	1	02/28/12 06:45 PM
Dibenzo(a,h)anthracene	ND		0.034	mg/Kg-dry	1	02/28/12 06:45 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
Diethyl phthalate	ND		0.37	mg/Kg-dry	1	02/28/12 06:45 PM
Dimethyl phthalate	ND		0.37	mg/Kg-dry	1	02/28/12 06:45 PM
Di-n-butyl phthalate	1.9		0.37	mg/Kg-dry	1	02/28/12 06:45 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
Fluoranthene	ND		0.034	mg/Kg-dry	1	02/28/12 06:45 PM
Fluorene	ND		0.034	mg/Kg-dry	1	02/28/12 06:45 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B03-S01-022012

Lab ID: 1202641-06

Collection Date: 02/20/12 10:50 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
Hexachlorocyclopentadiene	ND		0.37	mg/Kg-dry	1	02/28/12 06:45 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
Indeno(1,2,3-cd)pyrene	ND		0.034	mg/Kg-dry	1	02/28/12 06:45 PM
Isophorone	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
Naphthalene	ND		0.034	mg/Kg-dry	1	02/28/12 06:45 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
Pentachlorophenol	ND		0.37	mg/Kg-dry	1	02/28/12 06:45 PM
Phenanthrene	ND		0.034	mg/Kg-dry	1	02/28/12 06:45 PM
Phenol	ND		0.18	mg/Kg-dry	1	02/28/12 06:45 PM
Pyrene	ND		0.034	mg/Kg-dry	1	02/28/12 06:45 PM
Surr: 2,4,6-Tribromophenol	90.7		34-140	%REC	1	02/28/12 06:45 PM
Surr: 2-Fluorobiphenyl	80.5		12-100	%REC	1	02/28/12 06:45 PM
Surr: 2-Fluorophenol	88.8		33-117	%REC	1	02/28/12 06:45 PM
Surr: 4-Terphenyl-d14	88.9		25-137	%REC	1	02/28/12 06:45 PM
Surr: Nitrobenzene-d5	77.9		37-107	%REC	1	02/28/12 06:45 PM
Surr: Phenol-d6	84.2		40-106	%REC	1	02/28/12 06:45 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: RS

1,1,1-Trichloroethane	ND		0.058	mg/Kg-dry	50	02/28/12 08:25 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/28/12 08:25 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/28/12 08:25 PM
1,1,2-Trichlorotrifluoroethane	ND		0.058	mg/Kg-dry	50	02/28/12 08:25 PM
1,1-Dichloroethane	ND		0.058	mg/Kg-dry	50	02/28/12 08:25 PM
1,1-Dichloroethene	ND		0.058	mg/Kg-dry	50	02/28/12 08:25 PM
1,2,4-Trichlorobenzene	ND		0.058	mg/Kg-dry	50	02/28/12 08:25 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/28/12 08:25 PM
1,2-Dibromoethane	ND		0.087	mg/Kg-dry	50	02/28/12 08:25 PM
1,2-Dichlorobenzene	ND		0.058	mg/Kg-dry	50	02/28/12 08:25 PM
1,2-Dichloroethane	ND		0.058	mg/Kg-dry	50	02/28/12 08:25 PM
1,2-Dichloropropane	ND		0.20	mg/Kg-dry	50	02/28/12 08:25 PM
1,3-Dichlorobenzene	ND		0.058	mg/Kg-dry	50	02/28/12 08:25 PM
1,4-Dichlorobenzene	ND		0.058	mg/Kg-dry	50	02/28/12 08:25 PM
2-Butanone	ND		0.43	mg/Kg-dry	50	02/28/12 08:25 PM
2-Hexanone	ND		0.29	mg/Kg-dry	50	02/28/12 08:25 PM
4-Methyl-2-pentanone	ND		0.29	mg/Kg-dry	50	02/28/12 08:25 PM
Acetone	ND		0.26	mg/Kg-dry	50	02/28/12 08:25 PM
Benzene	ND		0.058	mg/Kg-dry	50	02/28/12 08:25 PM
Bromodichloromethane	ND		0.087	mg/Kg-dry	50	02/28/12 08:25 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B03-S01-022012

Lab ID: 1202641-06

Collection Date: 02/20/12 10:50 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.058	mg/Kg-dry	50	02/28/12 08:25 PM
Bromomethane	ND		0.087	mg/Kg-dry	50	02/28/12 08:25 PM
Carbon disulfide	ND		0.087	mg/Kg-dry	50	02/28/12 08:25 PM
Carbon tetrachloride	ND		0.058	mg/Kg-dry	50	02/28/12 08:25 PM
Chlorobenzene	ND		0.087	mg/Kg-dry	50	02/28/12 08:25 PM
Chloroethane	ND		0.17	mg/Kg-dry	50	02/28/12 08:25 PM
Chloroform	ND		0.058	mg/Kg-dry	50	02/28/12 08:25 PM
Chloromethane	ND		0.17	mg/Kg-dry	50	02/28/12 08:25 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/28/12 08:25 PM
cis-1,3-Dichloropropene	ND		0.058	mg/Kg-dry	50	02/28/12 08:25 PM
Cyclohexane	ND		0.058	mg/Kg-dry	50	02/28/12 08:25 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/28/12 08:25 PM
Dichlorodifluoromethane	ND		0.058	mg/Kg-dry	50	02/28/12 08:25 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/28/12 08:25 PM
Isopropylbenzene	ND		0.058	mg/Kg-dry	50	02/28/12 08:25 PM
Methyl acetate	ND		0.058	mg/Kg-dry	50	02/28/12 08:25 PM
Methyl tert-butyl ether	ND		0.087	mg/Kg-dry	50	02/28/12 08:25 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/28/12 08:25 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/28/12 08:25 PM
Styrene	ND		0.087	mg/Kg-dry	50	02/28/12 08:25 PM
Tetrachloroethene	ND		0.058	mg/Kg-dry	50	02/28/12 08:25 PM
Toluene	ND		0.087	mg/Kg-dry	50	02/28/12 08:25 PM
trans-1,2-Dichloroethene	ND		0.058	mg/Kg-dry	50	02/28/12 08:25 PM
trans-1,3-Dichloropropene	ND		0.087	mg/Kg-dry	50	02/28/12 08:25 PM
Trichloroethene	ND		0.058	mg/Kg-dry	50	02/28/12 08:25 PM
Trichlorofluoromethane	ND		0.058	mg/Kg-dry	50	02/28/12 08:25 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/28/12 08:25 PM
Xylenes, Total	ND		0.17	mg/Kg-dry	50	02/28/12 08:25 PM
Surr: 1,2-Dichloroethane-d4	89.5		70-120	%REC	50	02/28/12 08:25 PM
Surr: 4-Bromofluorobenzene	98.6		75-120	%REC	50	02/28/12 08:25 PM
Surr: Dibromofluoromethane	89.2		85-115	%REC	50	02/28/12 08:25 PM
Surr: Toluene-d8	95.9		85-115	%REC	50	02/28/12 08:25 PM

CHROMIUM, HEXAVALENT

Chromium, Hexavalent ND 0.56 mg/Kg-dry 1 Prep Date: 02/24/12 Analyst: MB 02/27/12 04:00 PM

MOISTURE

Moisture 13 A2540 G 0.050 % of sample 1 Analyst: CG 02/23/12 04:08 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B04-S01-022012

Lab ID: 1202641-07

Collection Date: 02/20/12 10:05 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/24/12	Analyst: JD
2,4,5-T	ND		0.0058	mg/Kg-dry	1	02/25/12 03:09 AM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/25/12 03:09 AM
2,4-D	ND		0.0058	mg/Kg-dry	1	02/25/12 03:09 AM
Surr: DCAA	71.2		30-150	%REC	1	02/25/12 03:09 AM
PCBS			SW8082		Prep Date: 02/27/12	Analyst: JD
Aroclor 1016	ND		0.046	mg/Kg-dry	1	02/28/12 06:28 PM
Aroclor 1221	ND		0.046	mg/Kg-dry	1	02/28/12 06:28 PM
Aroclor 1232	ND		0.046	mg/Kg-dry	1	02/28/12 06:28 PM
Aroclor 1242	ND		0.046	mg/Kg-dry	1	02/28/12 06:28 PM
Aroclor 1248	ND		0.046	mg/Kg-dry	1	02/28/12 06:28 PM
Aroclor 1254	ND		0.046	mg/Kg-dry	1	02/28/12 06:28 PM
Aroclor 1260	ND		0.046	mg/Kg-dry	1	02/28/12 06:28 PM
Surr: Decachlorobiphenyl	68.1		40-140	%REC	1	02/28/12 06:28 PM
PESTICIDES			SW8081		Prep Date: 02/27/12	Analyst: JD
4,4'-DDD	ND		0.012	mg/Kg-dry	1	03/01/12 08:01 PM
4,4'-DDE	ND		0.012	mg/Kg-dry	1	03/01/12 08:01 PM
4,4'-DDT	ND		0.012	mg/Kg-dry	1	03/01/12 08:01 PM
Aldrin	ND		0.012	mg/Kg-dry	1	03/01/12 08:01 PM
alpha-BHC	ND		0.012	mg/Kg-dry	1	03/01/12 08:01 PM
alpha-Chlordane	ND		0.012	mg/Kg-dry	1	03/01/12 08:01 PM
beta-BHC	ND		0.012	mg/Kg-dry	1	03/01/12 08:01 PM
Chlordane, Technical	ND		0.029	mg/Kg-dry	1	03/01/12 08:01 PM
delta-BHC	ND		0.012	mg/Kg-dry	1	03/01/12 08:01 PM
Dieldrin	ND		0.012	mg/Kg-dry	1	03/01/12 08:01 PM
Endosulfan I	ND		0.012	mg/Kg-dry	1	03/01/12 08:01 PM
Endosulfan II	ND		0.012	mg/Kg-dry	1	03/01/12 08:01 PM
Endosulfan sulfate	ND		0.012	mg/Kg-dry	1	03/01/12 08:01 PM
Endrin	ND		0.012	mg/Kg-dry	1	03/01/12 08:01 PM
Endrin aldehyde	ND		0.012	mg/Kg-dry	1	03/01/12 08:01 PM
Endrin ketone	ND		0.012	mg/Kg-dry	1	03/01/12 08:01 PM
gamma-BHC (Lindane)	ND		0.012	mg/Kg-dry	1	03/01/12 08:01 PM
gamma-Chlordane	ND		0.012	mg/Kg-dry	1	03/01/12 08:01 PM
Heptachlor	ND		0.012	mg/Kg-dry	1	03/01/12 08:01 PM
Heptachlor epoxide	ND		0.012	mg/Kg-dry	1	03/01/12 08:01 PM
Methoxychlor	ND		0.012	mg/Kg-dry	1	03/01/12 08:01 PM
Toxaphene	ND		0.070	mg/Kg-dry	1	03/01/12 08:01 PM
Surr: Decachlorobiphenyl	61.1		45-135	%REC	1	03/01/12 08:01 PM
Surr: Tetrachloro-m-xylene	76.1		45-124	%REC	1	03/01/12 08:01 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B04-S01-022012

Lab ID: 1202641-07

Collection Date: 02/20/12 10:05 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/27/12	Analyst: LR
Mercury	0.023		0.020	mg/Kg-dry	1	02/27/12 04:06 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/26/12	Analyst: CES
Aluminum	6,100		15	mg/Kg-dry	20	03/01/12 12:06 PM
Antimony	ND		0.76	mg/Kg-dry	2	02/29/12 12:59 AM
Arsenic	2.0		0.76	mg/Kg-dry	2	02/29/12 12:59 AM
Barium	25		0.76	mg/Kg-dry	2	02/29/12 12:59 AM
Beryllium	ND		0.30	mg/Kg-dry	2	02/29/12 12:59 AM
Boron	10		3.0	mg/Kg-dry	2	02/29/12 04:55 PM
Cadmium	ND		0.30	mg/Kg-dry	2	02/29/12 12:59 AM
Calcium	1,500		76	mg/Kg-dry	2	02/29/12 12:59 AM
Chromium	7.5		0.76	mg/Kg-dry	2	02/29/12 12:59 AM
Cobalt	2.3		0.76	mg/Kg-dry	2	02/29/12 12:59 AM
Copper	1.3		0.76	mg/Kg-dry	2	02/29/12 12:59 AM
Iron	8,400		12	mg/Kg-dry	2	02/29/12 12:59 AM
Lead	3.1		0.76	mg/Kg-dry	2	02/29/12 12:59 AM
Magnesium	1,100		30	mg/Kg-dry	2	02/29/12 04:55 PM
Manganese	250		0.76	mg/Kg-dry	2	02/29/12 12:59 AM
Nickel	5.1		0.76	mg/Kg-dry	2	02/29/12 12:59 AM
Potassium	410		30	mg/Kg-dry	2	02/29/12 12:59 AM
Selenium	ND		0.76	mg/Kg-dry	2	02/29/12 12:59 AM
Silver	ND		0.76	mg/Kg-dry	2	02/29/12 12:59 AM
Sodium	70		30	mg/Kg-dry	2	02/29/12 04:55 PM
Thallium	ND		0.76	mg/Kg-dry	2	02/29/12 12:59 AM
Vanadium	13		0.76	mg/Kg-dry	2	02/29/12 12:59 AM
Zinc	15		1.5	mg/Kg-dry	2	02/29/12 12:59 AM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 03/01/12	Analyst: CW
1,1'-Biphenyl	ND		0.39	mg/Kg-dry	1	03/02/12 04:42 AM
2,4,5-Trichlorophenol	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
2,4,6-Trichlorophenol	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
2,4-Dichlorophenol	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
2,4-Dimethylphenol	ND		0.39	mg/Kg-dry	1	03/02/12 04:42 AM
2,4-Dinitrophenol	ND		0.78	mg/Kg-dry	1	03/02/12 04:42 AM
2,4-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
2,6-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
2-Chloronaphthalene	ND		0.095	mg/Kg-dry	1	03/02/12 04:42 AM
2-Chlorophenol	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
2-Methylnaphthalene	ND		0.095	mg/Kg-dry	1	03/02/12 04:42 AM
2-Methylphenol	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B04-S01-022012

Lab ID: 1202641-07

Collection Date: 02/20/12 10:05 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.78	mg/Kg-dry	1	03/02/12 04:42 AM
2-Nitrophenol	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
3,3'-Dichlorobenzidine	ND		0.78	mg/Kg-dry	1	03/02/12 04:42 AM
3-Nitroaniline	ND		0.78	mg/Kg-dry	1	03/02/12 04:42 AM
4,6-Dinitro-2-methylphenol	ND		0.39	mg/Kg-dry	1	03/02/12 04:42 AM
4-Bromophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
4-Chloro-3-methylphenol	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
4-Chloroaniline	ND		0.78	mg/Kg-dry	1	03/02/12 04:42 AM
4-Chlorophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
4-Methylphenol	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
4-Nitroaniline	ND	UJ	0.78	mg/Kg-dry	1	03/02/12 04:42 AM
4-Nitrophenol	ND		0.78	mg/Kg-dry	1	03/02/12 04:42 AM
Acenaphthene	ND		0.036	mg/Kg-dry	1	03/02/12 04:42 AM
Acenaphthylene	ND		0.036	mg/Kg-dry	1	03/02/12 04:42 AM
Acetophenone	ND		0.39	mg/Kg-dry	1	03/02/12 04:42 AM
Anthracene	ND		0.036	mg/Kg-dry	1	03/02/12 04:42 AM
Atrazine	ND		0.39	mg/Kg-dry	1	03/02/12 04:42 AM
Benzaldehyde	ND		0.39	mg/Kg-dry	1	03/02/12 04:42 AM
Benzo(a)anthracene	ND		0.036	mg/Kg-dry	1	03/02/12 04:42 AM
Benzo(a)pyrene	ND		0.036	mg/Kg-dry	1	03/02/12 04:42 AM
Benzo(b)fluoranthene	ND		0.036	mg/Kg-dry	1	03/02/12 04:42 AM
Benzo(g,h,i)perylene	ND		0.036	mg/Kg-dry	1	03/02/12 04:42 AM
Benzo(k)fluoranthene	ND		0.036	mg/Kg-dry	1	03/02/12 04:42 AM
Bis(2-chloroethoxy)methane	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
Bis(2-chloroethyl)ether	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
Bis(2-chloroisopropyl)ether	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
Bis(2-ethylhexyl)phthalate	ND		0.39	mg/Kg-dry	1	03/02/12 04:42 AM
Butyl benzyl phthalate	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
Caprolactam	ND		0.39	mg/Kg-dry	1	03/02/12 04:42 AM
Carbazole	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
Chrysene	ND		0.036	mg/Kg-dry	1	03/02/12 04:42 AM
Dibenzo(a,h)anthracene	ND		0.036	mg/Kg-dry	1	03/02/12 04:42 AM
Dibenzofuran	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
Diethyl phthalate	ND		0.39	mg/Kg-dry	1	03/02/12 04:42 AM
Dimethyl phthalate	ND		0.39	mg/Kg-dry	1	03/02/12 04:42 AM
Di-n-butyl phthalate	ND		0.39	mg/Kg-dry	1	03/02/12 04:42 AM
Di-n-octyl phthalate	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
Fluoranthene	ND		0.036	mg/Kg-dry	1	03/02/12 04:42 AM
Fluorene	ND		0.036	mg/Kg-dry	1	03/02/12 04:42 AM
Hexachlorobenzene	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM

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

219
3/20/12

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B04-S01-022012

Lab ID: 1202641-07

Collection Date: 02/20/12 10:05 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
Hexachlorocyclopentadiene	ND		0.39	mg/Kg-dry	1	03/02/12 04:42 AM
Hexachloroethane	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
Indeno(1,2,3-cd)pyrene	ND		0.036	mg/Kg-dry	1	03/02/12 04:42 AM
Isophorone	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
Naphthalene	ND		0.036	mg/Kg-dry	1	03/02/12 04:42 AM
Nitrobenzene	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
N-Nitrosodi-n-propylamine	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
N-Nitrosodiphenylamine	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
Pentachlorophenol	ND		0.39	mg/Kg-dry	1	03/02/12 04:42 AM
Phenanthrene	ND		0.036	mg/Kg-dry	1	03/02/12 04:42 AM
Phenol	ND		0.19	mg/Kg-dry	1	03/02/12 04:42 AM
Pyrene	ND		0.036	mg/Kg-dry	1	03/02/12 04:42 AM
Surr: 2,4,6-Tribromophenol	57.6		34-140	%REC	1	03/02/12 04:42 AM
Surr: 2-Fluorobiphenyl	61.0		12-100	%REC	1	03/02/12 04:42 AM
Surr: 2-Fluorophenol	56.2		33-117	%REC	1	03/02/12 04:42 AM
Surr: 4-Terphenyl-d14	59.4		25-137	%REC	1	03/02/12 04:42 AM
Surr: Nitrobenzene-d5	79.9		37-107	%REC	1	03/02/12 04:42 AM
Surr: Phenol-d6	51.2		40-106	%REC	1	03/02/12 04:42 AM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: RS

1,1,1-Trichloroethane	ND		0.060	mg/Kg-dry	50	02/28/12 08:50 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/28/12 08:50 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/28/12 08:50 PM
1,1,2-Trichlorotrifluoroethane	ND		0.060	mg/Kg-dry	50	02/28/12 08:50 PM
1,1-Dichloroethane	ND		0.060	mg/Kg-dry	50	02/28/12 08:50 PM
1,1-Dichloroethene	ND		0.060	mg/Kg-dry	50	02/28/12 08:50 PM
1,2,4-Trichlorobenzene	ND		0.060	mg/Kg-dry	50	02/28/12 08:50 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/28/12 08:50 PM
1,2-Dibromoethane	ND		0.090	mg/Kg-dry	50	02/28/12 08:50 PM
1,2-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	02/28/12 08:50 PM
1,2-Dichloroethane	ND		0.060	mg/Kg-dry	50	02/28/12 08:50 PM
1,2-Dichloropropane	ND		0.21	mg/Kg-dry	50	02/28/12 08:50 PM
1,3-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	02/28/12 08:50 PM
1,4-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	02/28/12 08:50 PM
2-Butanone	ND		0.45	mg/Kg-dry	50	02/28/12 08:50 PM
2-Hexanone	ND		0.30	mg/Kg-dry	50	02/28/12 08:50 PM
4-Methyl-2-pentanone	ND		0.30	mg/Kg-dry	50	02/28/12 08:50 PM
Acetone	ND		0.27	mg/Kg-dry	50	02/28/12 08:50 PM
Benzene	ND		0.060	mg/Kg-dry	50	02/28/12 08:50 PM
Bromodichloromethane	ND		0.090	mg/Kg-dry	50	02/28/12 08:50 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B04-S01-022012

Lab ID: 1202641-07

Collection Date: 02/20/12 10:05 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.060	mg/Kg-dry	50	02/28/12 08:50 PM
Bromomethane	ND		0.090	mg/Kg-dry	50	02/28/12 08:50 PM
Carbon disulfide	ND		0.090	mg/Kg-dry	50	02/28/12 08:50 PM
Carbon tetrachloride	ND		0.060	mg/Kg-dry	50	02/28/12 08:50 PM
Chlorobenzene	ND		0.090	mg/Kg-dry	50	02/28/12 08:50 PM
Chloroethane	ND		0.18	mg/Kg-dry	50	02/28/12 08:50 PM
Chloroform	ND		0.060	mg/Kg-dry	50	02/28/12 08:50 PM
Chloromethane	ND		0.18	mg/Kg-dry	50	02/28/12 08:50 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/28/12 08:50 PM
cis-1,3-Dichloropropene	ND		0.060	mg/Kg-dry	50	02/28/12 08:50 PM
Cyclohexane	ND		0.060	mg/Kg-dry	50	02/28/12 08:50 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/28/12 08:50 PM
Dichlorodifluoromethane	ND		0.060	mg/Kg-dry	50	02/28/12 08:50 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/28/12 08:50 PM
Isopropylbenzene	ND		0.060	mg/Kg-dry	50	02/28/12 08:50 PM
Methyl acetate	ND		0.060	mg/Kg-dry	50	02/28/12 08:50 PM
Methyl tert-butyl ether	ND		0.090	mg/Kg-dry	50	02/28/12 08:50 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/28/12 08:50 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/28/12 08:50 PM
Styrene	ND		0.090	mg/Kg-dry	50	02/28/12 08:50 PM
Tetrachloroethene	ND		0.060	mg/Kg-dry	50	02/28/12 08:50 PM
Toluene	ND		0.090	mg/Kg-dry	50	02/28/12 08:50 PM
trans-1,2-Dichloroethene	ND		0.060	mg/Kg-dry	50	02/28/12 08:50 PM
trans-1,3-Dichloropropene	ND		0.090	mg/Kg-dry	50	02/28/12 08:50 PM
Trichloroethene	ND		0.060	mg/Kg-dry	50	02/28/12 08:50 PM
Trichlorofluoromethane	ND		0.060	mg/Kg-dry	50	02/28/12 08:50 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/28/12 08:50 PM
Xylenes, Total	ND		0.18	mg/Kg-dry	50	02/28/12 08:50 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	101		70-120	%REC	50	02/28/12 08:50 PM
<i>Surr: 4-Bromofluorobenzene</i>	99.9		75-120	%REC	50	02/28/12 08:50 PM
<i>Surr: Dibromofluoromethane</i>	89.9		85-115	%REC	50	02/28/12 08:50 PM
<i>Surr: Toluene-d8</i>	92.2		85-115	%REC	50	02/28/12 08:50 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/24/12	Analyst: MB
Chromium, Hexavalent	ND		0.59	mg/Kg-dry	1	02/27/12 04:00 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	17		0.050	% of sample	1	02/23/12 04:08 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B01-S01-022012

Lab ID: 1202641-08

Collection Date: 02/20/12 02:20 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/24/12	Analyst: JD
2,4,5-T	ND		0.0058	mg/Kg-dry	1	02/25/12 03:09 AM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/25/12 03:09 AM
2,4-D	ND		0.0058	mg/Kg-dry	1	02/25/12 03:09 AM
Surr: DCAA	65.2		30-150	%REC	1	02/25/12 03:09 AM
PCBS			SW8082		Prep Date: 02/27/12	Analyst: JD
Aroclor 1016	ND		0.047	mg/Kg-dry	1	02/28/12 06:48 PM
Aroclor 1221	ND		0.047	mg/Kg-dry	1	02/28/12 06:48 PM
Aroclor 1232	ND		0.047	mg/Kg-dry	1	02/28/12 06:48 PM
Aroclor 1242	ND		0.047	mg/Kg-dry	1	02/28/12 06:48 PM
Aroclor 1248	ND		0.047	mg/Kg-dry	1	02/28/12 06:48 PM
Aroclor 1254	ND		0.047	mg/Kg-dry	1	02/28/12 06:48 PM
Aroclor 1260	ND		0.047	mg/Kg-dry	1	02/28/12 06:48 PM
Surr: Decachlorobiphenyl	75.1		40-140	%REC	1	02/28/12 06:48 PM
PESTICIDES			SW8081		Prep Date: 02/27/12	Analyst: JD
4,4'-DDD	ND		0.012	mg/Kg-dry	1	03/01/12 08:16 PM
4,4'-DDE	ND		0.012	mg/Kg-dry	1	03/01/12 08:16 PM
4,4'-DDT	ND		0.012	mg/Kg-dry	1	03/01/12 08:16 PM
Aldrin	ND		0.012	mg/Kg-dry	1	03/01/12 08:16 PM
alpha-BHC	ND		0.012	mg/Kg-dry	1	03/01/12 08:16 PM
alpha-Chlordane	ND		0.012	mg/Kg-dry	1	03/01/12 08:16 PM
beta-BHC	ND		0.012	mg/Kg-dry	1	03/01/12 08:16 PM
Chlordane, Technical	ND		0.029	mg/Kg-dry	1	03/01/12 08:16 PM
delta-BHC	ND		0.012	mg/Kg-dry	1	03/01/12 08:16 PM
Dieldrin	ND		0.012	mg/Kg-dry	1	03/01/12 08:16 PM
Endosulfan I	ND		0.012	mg/Kg-dry	1	03/01/12 08:16 PM
Endosulfan II	ND		0.012	mg/Kg-dry	1	03/01/12 08:16 PM
Endosulfan sulfate	ND		0.012	mg/Kg-dry	1	03/01/12 08:16 PM
Endrin	ND		0.012	mg/Kg-dry	1	03/01/12 08:16 PM
Endrin aldehyde	ND		0.012	mg/Kg-dry	1	03/01/12 08:16 PM
Endrin ketone	ND		0.012	mg/Kg-dry	1	03/01/12 08:16 PM
gamma-BHC (Lindane)	ND		0.012	mg/Kg-dry	1	03/01/12 08:16 PM
gamma-Chlordane	ND		0.012	mg/Kg-dry	1	03/01/12 08:16 PM
Heptachlor	ND		0.012	mg/Kg-dry	1	03/01/12 08:16 PM
Heptachlor epoxide	ND		0.012	mg/Kg-dry	1	03/01/12 08:16 PM
Methoxychlor	ND		0.012	mg/Kg-dry	1	03/01/12 08:16 PM
Toxaphene	ND		0.070	mg/Kg-dry	1	03/01/12 08:16 PM
Surr: Decachlorobiphenyl	65.1		45-135	%REC	1	03/01/12 08:16 PM
Surr: Tetrachloro-m-xylene	72.1		45-124	%REC	1	03/01/12 08:16 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B01-S01-022012

Lab ID: 1202641-08

Collection Date: 02/20/12 02:20 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/27/12	Analyst: CES
Mercury	ND		0.019	mg/Kg-dry	1	02/28/12 04:07 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/26/12	Analyst: CES
Aluminum	3,400		17	mg/Kg-dry	20	03/01/12 12:12 PM
Antimony	ND		0.85	mg/Kg-dry	2	02/29/12 01:05 AM
Arsenic	1.8		0.85	mg/Kg-dry	2	02/29/12 01:05 AM
Barium	9.4		0.85	mg/Kg-dry	2	02/29/12 01:05 AM
Beryllium	ND		0.34	mg/Kg-dry	2	02/29/12 01:05 AM
Boron	4.6		3.4	mg/Kg-dry	2	02/29/12 05:01 PM
Cadmium	ND		0.34	mg/Kg-dry	2	02/29/12 01:05 AM
Calcium	25,000		85	mg/Kg-dry	2	02/29/12 01:05 AM
Chromium	4.6		0.85	mg/Kg-dry	2	02/29/12 01:05 AM
Cobalt	4.0		0.85	mg/Kg-dry	2	02/29/12 01:05 AM
Copper	5.9		0.85	mg/Kg-dry	2	02/29/12 01:05 AM
Iron	6,100		14	mg/Kg-dry	2	02/29/12 01:05 AM
Lead	3.9		0.85	mg/Kg-dry	2	02/29/12 01:05 AM
Magnesium	3,800		34	mg/Kg-dry	2	02/29/12 05:01 PM
Manganese	110		0.85	mg/Kg-dry	2	02/29/12 01:05 AM
Nickel	9.4		0.85	mg/Kg-dry	2	02/29/12 01:05 AM
Potassium	620		34	mg/Kg-dry	2	02/29/12 01:05 AM
Selenium	1.0		0.85	mg/Kg-dry	2	02/29/12 01:05 AM
Silver	ND		0.85	mg/Kg-dry	2	02/29/12 01:05 AM
Sodium	99		34	mg/Kg-dry	2	02/29/12 05:01 PM
Thallium	ND		0.85	mg/Kg-dry	2	02/29/12 01:05 AM
Vanadium	9.5		0.85	mg/Kg-dry	2	02/29/12 01:05 AM
Zinc	19		1.7	mg/Kg-dry	2	02/29/12 01:05 AM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,1'-Biphenyl	ND		0.39	mg/Kg-dry	1	02/28/12 07:39 PM
2,4,5-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
2,4,6-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
2,4-Dichlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
2,4-Dimethylphenol	ND		0.39	mg/Kg-dry	1	02/28/12 07:39 PM
2,4-Dinitrophenol	ND		0.78	mg/Kg-dry	1	02/28/12 07:39 PM
2,4-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
2,6-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
2-Chloronaphthalene	ND		0.095	mg/Kg-dry	1	02/28/12 07:39 PM
2-Chlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
2-Methylnaphthalene	ND		0.095	mg/Kg-dry	1	02/28/12 07:39 PM
2-Methylphenol	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B01-S01-022012

Lab ID: 1202641-08

Collection Date: 02/20/12 02:20 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.78	mg/Kg-dry	1	02/28/12 07:39 PM
2-Nitrophenol	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
3,3'-Dichlorobenzidine	ND		0.78	mg/Kg-dry	1	02/28/12 07:39 PM
3-Nitroaniline	ND		0.78	mg/Kg-dry	1	02/28/12 07:39 PM
4,6-Dinitro-2-methylphenol	ND		0.39	mg/Kg-dry	1	02/28/12 07:39 PM
4-Bromophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
4-Chloro-3-methylphenol	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
4-Chloroaniline	ND		0.78	mg/Kg-dry	1	02/28/12 07:39 PM
4-Chlorophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
4-Methylphenol	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
4-Nitroaniline	ND		0.78	mg/Kg-dry	1	02/28/12 07:39 PM
4-Nitrophenol	ND		0.78	mg/Kg-dry	1	02/28/12 07:39 PM
Acenaphthene	ND		0.036	mg/Kg-dry	1	02/28/12 07:39 PM
Acenaphthylene	ND		0.036	mg/Kg-dry	1	02/28/12 07:39 PM
Acetophenone	ND		0.39	mg/Kg-dry	1	02/28/12 07:39 PM
Anthracene	ND		0.036	mg/Kg-dry	1	02/28/12 07:39 PM
Atrazine	ND		0.39	mg/Kg-dry	1	02/28/12 07:39 PM
Benzaldehyde	ND		0.39	mg/Kg-dry	1	02/28/12 07:39 PM
Benzo(a)anthracene	ND		0.036	mg/Kg-dry	1	02/28/12 07:39 PM
Benzo(a)pyrene	ND		0.036	mg/Kg-dry	1	02/28/12 07:39 PM
Benzo(b)fluoranthene	ND		0.036	mg/Kg-dry	1	02/28/12 07:39 PM
Benzo(g,h,i)perylene	ND		0.036	mg/Kg-dry	1	02/28/12 07:39 PM
Benzo(k)fluoranthene	ND		0.036	mg/Kg-dry	1	02/28/12 07:39 PM
Bis(2-chloroethoxy)methane	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
Bis(2-chloroethyl)ether	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
Bis(2-chloroisopropyl)ether	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
Bis(2-ethylhexyl)phthalate	ND		0.39	mg/Kg-dry	1	02/28/12 07:39 PM
Butyl benzyl phthalate	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
Caprolactam	ND		0.39	mg/Kg-dry	1	02/28/12 07:39 PM
Carbazole	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
Chrysene	ND		0.036	mg/Kg-dry	1	02/28/12 07:39 PM
Dibenzo(a,h)anthracene	ND		0.036	mg/Kg-dry	1	02/28/12 07:39 PM
Dibenzofuran	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
Diethyl phthalate	ND		0.39	mg/Kg-dry	1	02/28/12 07:39 PM
Dimethyl phthalate	ND		0.39	mg/Kg-dry	1	02/28/12 07:39 PM
Di-n-butyl phthalate	ND		0.39	mg/Kg-dry	1	02/28/12 07:39 PM
Di-n-octyl phthalate	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
Fluoranthene	ND		0.036	mg/Kg-dry	1	02/28/12 07:39 PM
Fluorene	ND		0.036	mg/Kg-dry	1	02/28/12 07:39 PM
Hexachlorobenzene	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B01-S01-022012

Lab ID: 1202641-08

Collection Date: 02/20/12 02:20 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
Hexachlorocyclopentadiene	ND		0.39	mg/Kg-dry	1	02/28/12 07:39 PM
Hexachloroethane	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
Indeno(1,2,3-cd)pyrene	ND		0.036	mg/Kg-dry	1	02/28/12 07:39 PM
Isophorone	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
Naphthalene	ND		0.036	mg/Kg-dry	1	02/28/12 07:39 PM
Nitrobenzene	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
N-Nitrosodi-n-propylamine	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
N-Nitrosodiphenylamine	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
Pentachlorophenol	ND		0.39	mg/Kg-dry	1	02/28/12 07:39 PM
Phenanthrene	ND		0.036	mg/Kg-dry	1	02/28/12 07:39 PM
Phenol	ND		0.19	mg/Kg-dry	1	02/28/12 07:39 PM
Pyrene	ND		0.036	mg/Kg-dry	1	02/28/12 07:39 PM
Surr: 2,4,6-Tribromophenol	84.0		34-140	%REC	1	02/28/12 07:39 PM
Surr: 2-Fluorobiphenyl	69.1		12-100	%REC	1	02/28/12 07:39 PM
Surr: 2-Fluorophenol	72.9		33-117	%REC	1	02/28/12 07:39 PM
Surr: 4-Terphenyl-d14	83.0		25-137	%REC	1	02/28/12 07:39 PM
Surr: Nitrobenzene-d5	63.4		37-107	%REC	1	02/28/12 07:39 PM
Surr: Phenol-d6	70.7		40-106	%REC	1	02/28/12 07:39 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: BG

1,1,1-Trichloroethane	ND		0.060	mg/Kg-dry	50	02/28/12 05:30 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/28/12 05:30 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/28/12 05:30 PM
1,1,2-Trichlorotrifluoroethane	ND		0.060	mg/Kg-dry	50	02/28/12 05:30 PM
1,1-Dichloroethane	ND		0.060	mg/Kg-dry	50	02/28/12 05:30 PM
1,1-Dichloroethene	ND		0.060	mg/Kg-dry	50	02/28/12 05:30 PM
1,2,4-Trichlorobenzene	ND		0.060	mg/Kg-dry	50	02/28/12 05:30 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/28/12 05:30 PM
1,2-Dibromoethane	ND		0.090	mg/Kg-dry	50	02/28/12 05:30 PM
1,2-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	02/28/12 05:30 PM
1,2-Dichloroethane	ND		0.060	mg/Kg-dry	50	02/28/12 05:30 PM
1,2-Dichloropropane	ND		0.21	mg/Kg-dry	50	02/28/12 05:30 PM
1,3-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	02/28/12 05:30 PM
1,4-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	02/28/12 05:30 PM
2-Butanone	ND		0.45	mg/Kg-dry	50	02/28/12 05:30 PM
2-Hexanone	ND		0.30	mg/Kg-dry	50	02/28/12 05:30 PM
4-Methyl-2-pentanone	ND		0.30	mg/Kg-dry	50	02/28/12 05:30 PM
Acetone	ND		0.27	mg/Kg-dry	50	02/28/12 05:30 PM
Benzene	ND		0.060	mg/Kg-dry	50	02/28/12 05:30 PM
Bromodichloromethane	ND		0.090	mg/Kg-dry	50	02/28/12 05:30 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B01-S01-022012

Lab ID: 1202641-08

Collection Date: 02/20/12 02:20 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.060	mg/Kg-dry	50	02/28/12 05:30 PM
Bromomethane	ND		0.090	mg/Kg-dry	50	02/28/12 05:30 PM
Carbon disulfide	ND		0.090	mg/Kg-dry	50	02/28/12 05:30 PM
Carbon tetrachloride	ND		0.060	mg/Kg-dry	50	02/28/12 05:30 PM
Chlorobenzene	ND		0.090	mg/Kg-dry	50	02/28/12 05:30 PM
Chloroethane	ND		0.18	mg/Kg-dry	50	02/28/12 05:30 PM
Chloroform	ND		0.060	mg/Kg-dry	50	02/28/12 05:30 PM
Chloromethane	ND		0.18	mg/Kg-dry	50	02/28/12 05:30 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/28/12 05:30 PM
cis-1,3-Dichloropropene	ND		0.060	mg/Kg-dry	50	02/28/12 05:30 PM
Cyclohexane	ND		0.060	mg/Kg-dry	50	02/28/12 05:30 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/28/12 05:30 PM
Dichlorodifluoromethane	ND		0.060	mg/Kg-dry	50	02/28/12 05:30 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/28/12 05:30 PM
Isopropylbenzene	ND		0.060	mg/Kg-dry	50	02/28/12 05:30 PM
Methyl acetate	ND		0.060	mg/Kg-dry	50	02/28/12 05:30 PM
Methyl tert-butyl ether	ND		0.090	mg/Kg-dry	50	02/28/12 05:30 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/28/12 05:30 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/28/12 05:30 PM
Styrene	ND		0.090	mg/Kg-dry	50	02/28/12 05:30 PM
Tetrachloroethene	ND		0.060	mg/Kg-dry	50	02/28/12 05:30 PM
Toluene	ND		0.090	mg/Kg-dry	50	02/28/12 05:30 PM
trans-1,2-Dichloroethene	ND		0.060	mg/Kg-dry	50	02/28/12 05:30 PM
trans-1,3-Dichloropropene	ND		0.090	mg/Kg-dry	50	02/28/12 05:30 PM
Trichloroethene	ND		0.060	mg/Kg-dry	50	02/28/12 05:30 PM
Trichlorofluoromethane	ND		0.060	mg/Kg-dry	50	02/28/12 05:30 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/28/12 05:30 PM
Xylenes, Total	ND		0.18	mg/Kg-dry	50	02/28/12 05:30 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	104		70-120	%REC	50	02/28/12 05:30 PM
<i>Surr: 4-Bromofluorobenzene</i>	99.0		75-120	%REC	50	02/28/12 05:30 PM
<i>Surr: Dibromofluoromethane</i>	94.9		85-115	%REC	50	02/28/12 05:30 PM
<i>Surr: Toluene-d8</i>	102		85-115	%REC	50	02/28/12 05:30 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/24/12	Analyst: MB
Chromium, Hexavalent	ND		0.58	mg/Kg-dry	1	02/27/12 04:00 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	16		0.050	% of sample	1	02/23/12 04:08 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B03-S01-022012

Lab ID: 1202641-09

Collection Date: 02/20/12 04:36 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/24/12	Analyst: JD
2,4,5-T	ND		0.0060	mg/Kg-dry	1	02/25/12 03:09 AM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/25/12 03:09 AM
2,4-D	ND		0.0060	mg/Kg-dry	1	02/25/12 03:09 AM
Surr: DCAA	74.2		30-150	%REC	1	02/25/12 03:09 AM
PCBS			SW8082		Prep Date: 02/27/12	Analyst: JD
Aroclor 1016	ND		0.049	mg/Kg-dry	1	02/28/12 07:08 PM
Aroclor 1221	ND		0.049	mg/Kg-dry	1	02/28/12 07:08 PM
Aroclor 1232	ND		0.049	mg/Kg-dry	1	02/28/12 07:08 PM
Aroclor 1242	ND		0.049	mg/Kg-dry	1	02/28/12 07:08 PM
Aroclor 1248	ND		0.049	mg/Kg-dry	1	02/28/12 07:08 PM
Aroclor 1254	ND		0.049	mg/Kg-dry	1	02/28/12 07:08 PM
Aroclor 1260	ND		0.049	mg/Kg-dry	1	02/28/12 07:08 PM
Surr: Decachlorobiphenyl	74.1		40-140	%REC	1	02/28/12 07:08 PM
PESTICIDES			SW8081		Prep Date: 02/27/12	Analyst: JD
4,4'-DDD	ND		0.012	mg/Kg-dry	1	03/01/12 08:31 PM
4,4'-DDE	ND		0.012	mg/Kg-dry	1	03/01/12 08:31 PM
4,4'-DDT	ND		0.012	mg/Kg-dry	1	03/01/12 08:31 PM
Aldrin	ND		0.012	mg/Kg-dry	1	03/01/12 08:31 PM
alpha-BHC	ND		0.012	mg/Kg-dry	1	03/01/12 08:31 PM
alpha-Chlordane	ND		0.012	mg/Kg-dry	1	03/01/12 08:31 PM
beta-BHC	ND		0.012	mg/Kg-dry	1	03/01/12 08:31 PM
Chlordane, Technical	ND		0.031	mg/Kg-dry	1	03/01/12 08:31 PM
delta-BHC	ND		0.012	mg/Kg-dry	1	03/01/12 08:31 PM
Dieldrin	ND		0.012	mg/Kg-dry	1	03/01/12 08:31 PM
Endosulfan I	ND		0.012	mg/Kg-dry	1	03/01/12 08:31 PM
Endosulfan II	ND		0.012	mg/Kg-dry	1	03/01/12 08:31 PM
Endosulfan sulfate	ND		0.012	mg/Kg-dry	1	03/01/12 08:31 PM
Endrin	ND		0.012	mg/Kg-dry	1	03/01/12 08:31 PM
Endrin aldehyde	ND		0.012	mg/Kg-dry	1	03/01/12 08:31 PM
Endrin ketone	ND		0.012	mg/Kg-dry	1	03/01/12 08:31 PM
gamma-BHC (Lindane)	ND		0.012	mg/Kg-dry	1	03/01/12 08:31 PM
gamma-Chlordane	ND		0.012	mg/Kg-dry	1	03/01/12 08:31 PM
Heptachlor	ND		0.012	mg/Kg-dry	1	03/01/12 08:31 PM
Heptachlor epoxide	ND		0.012	mg/Kg-dry	1	03/01/12 08:31 PM
Methoxychlor	ND		0.012	mg/Kg-dry	1	03/01/12 08:31 PM
Toxaphene	ND		0.074	mg/Kg-dry	1	03/01/12 08:31 PM
Surr: Decachlorobiphenyl	66.1		45-135	%REC	1	03/01/12 08:31 PM
Surr: Tetrachloro-m-xylene	72.1		45-124	%REC	1	03/01/12 08:31 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B03-S01-022012

Lab ID: 1202641-09

Collection Date: 02/20/12 04:36 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/27/12	Analyst: CES
Mercury	0.038		0.019	mg/Kg-dry	1	02/28/12 04:10 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/26/12	Analyst: RH
Aluminum	17,000		17	mg/Kg-dry	20	03/01/12 06:03 AM
Antimony	ND		0.84	mg/Kg-dry	2	02/29/12 01:11 AM
Arsenic	5.9		0.84	mg/Kg-dry	2	02/29/12 01:11 AM
Barium	88		0.84	mg/Kg-dry	2	02/29/12 01:11 AM
Beryllium	ND		3.4	mg/Kg-dry	20	02/29/12 05:20 PM
Boron	ND		34	mg/Kg-dry	20	02/29/12 05:20 PM
Cadmium	0.37		0.34	mg/Kg-dry	2	02/29/12 01:11 AM
Calcium	3,800		84	mg/Kg-dry	2	02/29/12 01:11 AM
Chromium	20		0.84	mg/Kg-dry	2	02/29/12 01:11 AM
Cobalt	8.1		0.84	mg/Kg-dry	2	02/29/12 01:11 AM
Copper	19		0.84	mg/Kg-dry	2	02/29/12 01:11 AM
Iron	22,000		13	mg/Kg-dry	2	02/29/12 01:11 AM
Lead	16		0.84	mg/Kg-dry	2	02/29/12 01:11 AM
Magnesium	3,400		340	mg/Kg-dry	20	02/29/12 05:20 PM
Manganese	310		8.4	mg/Kg-dry	20	02/29/12 05:20 PM
Nickel	21		0.84	mg/Kg-dry	2	02/29/12 01:11 AM
Potassium	2,500		34	mg/Kg-dry	2	02/29/12 01:11 AM
Selenium	1.6		0.84	mg/Kg-dry	2	02/29/12 01:11 AM
Silver	ND		0.84	mg/Kg-dry	2	02/29/12 01:11 AM
Sodium	ND		340	mg/Kg-dry	20	02/29/12 05:20 PM
Thallium	ND		0.84	mg/Kg-dry	2	02/29/12 01:11 AM
Vanadium	33		0.84	mg/Kg-dry	2	02/29/12 01:11 AM
Zinc	57		1.7	mg/Kg-dry	2	02/29/12 01:11 AM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,1'-Biphenyl	ND		0.40	mg/Kg-dry	1	02/28/12 08:06 PM
2,4,5-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
2,4,6-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
2,4-Dichlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
2,4-Dimethylphenol	ND		0.40	mg/Kg-dry	1	02/28/12 08:06 PM
2,4-Dinitrophenol	ND		0.80	mg/Kg-dry	1	02/28/12 08:06 PM
2,4-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
2,6-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
2-Chloronaphthalene	ND		0.097	mg/Kg-dry	1	02/28/12 08:06 PM
2-Chlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
2-Methylnaphthalene	ND		0.097	mg/Kg-dry	1	02/28/12 08:06 PM
2-Methylphenol	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B03-S01-022012

Lab ID: 1202641-09

Collection Date: 02/20/12 04:36 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.80	mg/Kg-dry	1	02/28/12 08:06 PM
2-Nitrophenol	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
3,3'-Dichlorobenzidine	ND		0.80	mg/Kg-dry	1	02/28/12 08:06 PM
3-Nitroaniline	ND		0.80	mg/Kg-dry	1	02/28/12 08:06 PM
4,6-Dinitro-2-methylphenol	ND		0.40	mg/Kg-dry	1	02/28/12 08:06 PM
4-Bromophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
4-Chloro-3-methylphenol	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
4-Chloroaniline	ND		0.80	mg/Kg-dry	1	02/28/12 08:06 PM
4-Chlorophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
4-Methylphenol	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
4-Nitroaniline	ND		0.80	mg/Kg-dry	1	02/28/12 08:06 PM
4-Nitrophenol	ND		0.80	mg/Kg-dry	1	02/28/12 08:06 PM
Acenaphthene	ND		0.036	mg/Kg-dry	1	02/28/12 08:06 PM
Acenaphthylene	ND		0.036	mg/Kg-dry	1	02/28/12 08:06 PM
Acetophenone	ND		0.40	mg/Kg-dry	1	02/28/12 08:06 PM
Anthracene	ND		0.036	mg/Kg-dry	1	02/28/12 08:06 PM
Atrazine	ND		0.40	mg/Kg-dry	1	02/28/12 08:06 PM
Benzaldehyde	ND		0.40	mg/Kg-dry	1	02/28/12 08:06 PM
Benzo(a)anthracene	ND		0.036	mg/Kg-dry	1	02/28/12 08:06 PM
Benzo(a)pyrene	ND		0.036	mg/Kg-dry	1	02/28/12 08:06 PM
Benzo(b)fluoranthene	ND		0.036	mg/Kg-dry	1	02/28/12 08:06 PM
Benzo(g,h,i)perylene	ND		0.036	mg/Kg-dry	1	02/28/12 08:06 PM
Benzo(k)fluoranthene	ND		0.036	mg/Kg-dry	1	02/28/12 08:06 PM
Bis(2-chloroethoxy)methane	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
Bis(2-chloroethyl)ether	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
Bis(2-chloroisopropyl)ether	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
Bis(2-ethylhexyl)phthalate	ND		0.40	mg/Kg-dry	1	02/28/12 08:06 PM
Butyl benzyl phthalate	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
Caprolactam	ND		0.40	mg/Kg-dry	1	02/28/12 08:06 PM
Carbazole	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
Chrysene	ND		0.036	mg/Kg-dry	1	02/28/12 08:06 PM
Dibenzo(a,h)anthracene	ND		0.036	mg/Kg-dry	1	02/28/12 08:06 PM
Dibenzofuran	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
Diethyl phthalate	ND		0.40	mg/Kg-dry	1	02/28/12 08:06 PM
Dimethyl phthalate	ND		0.40	mg/Kg-dry	1	02/28/12 08:06 PM
Di-n-butyl phthalate	ND		0.40	mg/Kg-dry	1	02/28/12 08:06 PM
Di-n-octyl phthalate	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
Fluoranthene	ND		0.036	mg/Kg-dry	1	02/28/12 08:06 PM
Fluorene	ND		0.036	mg/Kg-dry	1	02/28/12 08:06 PM
Hexachlorobenzene	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B03-S01-022012

Lab ID: 1202641-09

Collection Date: 02/20/12 04:36 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
Hexachlorocyclopentadiene	ND		0.40	mg/Kg-dry	1	02/28/12 08:06 PM
Hexachloroethane	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
Indeno(1,2,3-cd)pyrene	ND		0.036	mg/Kg-dry	1	02/28/12 08:06 PM
Isophorone	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
Naphthalene	ND		0.036	mg/Kg-dry	1	02/28/12 08:06 PM
Nitrobenzene	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
N-Nitrosodi-n-propylamine	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
N-Nitrosodiphenylamine	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
Pentachlorophenol	ND		0.40	mg/Kg-dry	1	02/28/12 08:06 PM
Phenanthrene	ND		0.036	mg/Kg-dry	1	02/28/12 08:06 PM
Phenol	ND		0.19	mg/Kg-dry	1	02/28/12 08:06 PM
Pyrene	ND		0.036	mg/Kg-dry	1	02/28/12 08:06 PM
Surr: 2,4,6-Tribromophenol	88.0		34-140	%REC	1	02/28/12 08:06 PM
Surr: 2-Fluorobiphenyl	64.5		12-100	%REC	1	02/28/12 08:06 PM
Surr: 2-Fluorophenol	69.1		33-117	%REC	1	02/28/12 08:06 PM
Surr: 4-Terphenyl-d14	87.0		25-137	%REC	1	02/28/12 08:06 PM
Surr: Nitrobenzene-d5	59.8		37-107	%REC	1	02/28/12 08:06 PM
Surr: Phenol-d6	69.0		40-106	%REC	1	02/28/12 08:06 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: BG

1,1,1-Trichloroethane	ND		0.062	mg/Kg-dry	50	02/28/12 05:55 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/28/12 05:55 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/28/12 05:55 PM
1,1,2-Trichlorotrifluoroethane	ND		0.062	mg/Kg-dry	50	02/28/12 05:55 PM
1,1-Dichloroethane	ND		0.062	mg/Kg-dry	50	02/28/12 05:55 PM
1,1-Dichloroethene	ND		0.062	mg/Kg-dry	50	02/28/12 05:55 PM
1,2,4-Trichlorobenzene	ND		0.062	mg/Kg-dry	50	02/28/12 05:55 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/28/12 05:55 PM
1,2-Dibromoethane	ND		0.093	mg/Kg-dry	50	02/28/12 05:55 PM
1,2-Dichlorobenzene	ND		0.062	mg/Kg-dry	50	02/28/12 05:55 PM
1,2-Dichloroethane	ND		0.062	mg/Kg-dry	50	02/28/12 05:55 PM
1,2-Dichloropropane	ND		0.22	mg/Kg-dry	50	02/28/12 05:55 PM
1,3-Dichlorobenzene	ND		0.062	mg/Kg-dry	50	02/28/12 05:55 PM
1,4-Dichlorobenzene	ND		0.062	mg/Kg-dry	50	02/28/12 05:55 PM
2-Butanone	ND		0.47	mg/Kg-dry	50	02/28/12 05:55 PM
2-Hexanone	ND		0.31	mg/Kg-dry	50	02/28/12 05:55 PM
4-Methyl-2-pentanone	ND		0.31	mg/Kg-dry	50	02/28/12 05:55 PM
Acetone	ND		0.28	mg/Kg-dry	50	02/28/12 05:55 PM
Benzene	ND		0.062	mg/Kg-dry	50	02/28/12 05:55 PM
Bromodichloromethane	ND		0.093	mg/Kg-dry	50	02/28/12 05:55 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B03-S01-022012

Lab ID: 1202641-09

Collection Date: 02/20/12 04:36 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.062	mg/Kg-dry	50	02/28/12 05:55 PM
Bromomethane	ND		0.093	mg/Kg-dry	50	02/28/12 05:55 PM
Carbon disulfide	ND		0.093	mg/Kg-dry	50	02/28/12 05:55 PM
Carbon tetrachloride	ND		0.062	mg/Kg-dry	50	02/28/12 05:55 PM
Chlorobenzene	ND		0.093	mg/Kg-dry	50	02/28/12 05:55 PM
Chloroethane	ND		0.19	mg/Kg-dry	50	02/28/12 05:55 PM
Chloroform	ND		0.062	mg/Kg-dry	50	02/28/12 05:55 PM
Chloromethane	ND		0.19	mg/Kg-dry	50	02/28/12 05:55 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/28/12 05:55 PM
cis-1,3-Dichloropropene	ND		0.062	mg/Kg-dry	50	02/28/12 05:55 PM
Cyclohexane	ND		0.062	mg/Kg-dry	50	02/28/12 05:55 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/28/12 05:55 PM
Dichlorodifluoromethane	ND		0.062	mg/Kg-dry	50	02/28/12 05:55 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/28/12 05:55 PM
Isopropylbenzene	ND		0.062	mg/Kg-dry	50	02/28/12 05:55 PM
Methyl acetate	ND		0.062	mg/Kg-dry	50	02/28/12 05:55 PM
Methyl tert-butyl ether	ND		0.093	mg/Kg-dry	50	02/28/12 05:55 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/28/12 05:55 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/28/12 05:55 PM
Styrene	ND		0.093	mg/Kg-dry	50	02/28/12 05:55 PM
Tetrachloroethene	ND		0.062	mg/Kg-dry	50	02/28/12 05:55 PM
Toluene	ND		0.093	mg/Kg-dry	50	02/28/12 05:55 PM
trans-1,2-Dichloroethene	ND		0.062	mg/Kg-dry	50	02/28/12 05:55 PM
trans-1,3-Dichloropropene	ND		0.093	mg/Kg-dry	50	02/28/12 05:55 PM
Trichloroethene	ND		0.062	mg/Kg-dry	50	02/28/12 05:55 PM
Trichlorofluoromethane	ND		0.062	mg/Kg-dry	50	02/28/12 05:55 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/28/12 05:55 PM
Xylenes, Total	ND		0.19	mg/Kg-dry	50	02/28/12 05:55 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	104		70-120	%REC	50	02/28/12 05:55 PM
<i>Surr: 4-Bromofluorobenzene</i>	100		75-120	%REC	50	02/28/12 05:55 PM
<i>Surr: Dibromofluoromethane</i>	94.3		85-115	%REC	50	02/28/12 05:55 PM
<i>Surr: Toluene-d8</i>	101		85-115	%REC	50	02/28/12 05:55 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/24/12	Analyst: MB
Chromium, Hexavalent	ND		0.60	mg/Kg-dry	1	02/27/12 04:00 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	20		0.050	% of sample	1	02/23/12 04:08 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B01-S01-022012

Lab ID: 1202641-10

Collection Date: 02/20/12 02:30 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 02/28/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/29/12 01:26 PM
2,4-D	ND		0.0050	mg/L	1	02/29/12 01:26 PM
Surr: DCAA	83.2		30-150	%REC	1	02/29/12 01:26 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/28/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 01:00 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 01:00 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 01:00 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 01:00 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 01:00 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 01:00 AM
Surr: Decachlorobiphenyl	81.0		30-135	%REC	1	03/02/12 01:00 AM
Surr: Tetrachloro-m-xylene	55.0		25-140	%REC	1	03/02/12 01:00 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/26/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/27/12 11:49 AM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/25/12	Analyst: RH
Arsenic	0.077		0.010	mg/L	1	02/29/12 08:09 PM
Barium	15		0.050	mg/L	1	02/29/12 08:09 PM
Cadmium	0.0027		0.0020	mg/L	1	02/29/12 08:09 PM
Chromium	0.025		0.020	mg/L	1	02/29/12 08:09 PM
Lead	ND		0.010	mg/L	1	02/29/12 08:09 PM
Selenium	ND		0.020	mg/L	1	02/29/12 08:09 PM
Silver	ND		0.0050	mg/L	1	02/29/12 08:09 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/27/12	Analyst: CW
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/29/12 12:18 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/29/12 12:18 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/29/12 12:18 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/29/12 12:18 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/29/12 12:18 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/29/12 12:18 PM
Hexachloroethane	ND		0.10	mg/L	1	02/29/12 12:18 PM
m-Cresol	ND		0.10	mg/L	1	02/29/12 12:18 PM
Nitrobenzene	ND		0.10	mg/L	1	02/29/12 12:18 PM
o-Cresol	ND		0.10	mg/L	1	02/29/12 12:18 PM
p-Cresol	ND		0.10	mg/L	1	02/29/12 12:18 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/29/12 12:18 PM
Pyridine	ND		0.40	mg/L	1	02/29/12 12:18 PM
Surr: 2,4,6-Tribromophenol	65.1		21-125	%REC	1	02/29/12 12:18 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B01-S01-022012

Lab ID: 1202641-10

Collection Date: 02/20/12 02:30 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	60.5		39-94	%REC	1	02/29/12 12:18 PM
<i>Surr: 2-Fluorophenol</i>	38.6		10-75	%REC	1	02/29/12 12:18 PM
<i>Surr: 4-Terphenyl-d14</i>	53.5		26-119	%REC	1	02/29/12 12:18 PM
<i>Surr: Nitrobenzene-d5</i>	69.0		41-104	%REC	1	02/29/12 12:18 PM
<i>Surr: Phenol-d6</i>	26.7		11-50	%REC	1	02/29/12 12:18 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/24/12	Analyst: BG
1,1-Dichloroethene	ND		0.020	mg/L	20	02/29/12 04:34 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/29/12 04:34 AM
2-Butanone	ND		0.20	mg/L	20	02/29/12 04:34 AM
Benzene	ND		0.020	mg/L	20	02/29/12 04:34 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/29/12 04:34 AM
Chlorobenzene	ND		0.020	mg/L	20	02/29/12 04:34 AM
Chloroform	ND		0.020	mg/L	20	02/29/12 04:34 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/29/12 04:34 AM
Trichloroethene	ND		0.020	mg/L	20	02/29/12 04:34 AM
Vinyl chloride	ND		0.020	mg/L	20	02/29/12 04:34 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	103		70-130	%REC	20	02/29/12 04:34 AM
<i>Surr: 4-Bromofluorobenzene</i>	97.6		70-130	%REC	20	02/29/12 04:34 AM
<i>Surr: Dibromofluoromethane</i>	93.3		70-130	%REC	20	02/29/12 04:34 AM
<i>Surr: Toluene-d8</i>	99.8		70-130	%REC	20	02/29/12 04:34 AM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B01-S02-022012

Lab ID: 1202641-11

Collection Date: 02/20/12 02:40 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 02/28/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/29/12 01:35 PM
2,4-D	ND		0.0050	mg/L	1	02/29/12 01:35 PM
Surr: DCAA	93.0		30-150	%REC	1	02/29/12 01:35 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/28/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 01:15 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 01:15 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 01:15 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 01:15 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 01:15 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 01:15 AM
Surr: Decachlorobiphenyl	90.0		30-135	%REC	1	03/02/12 01:15 AM
Surr: Tetrachloro-m-xylene	68.0		25-140	%REC	1	03/02/12 01:15 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/26/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/27/12 11:51 AM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/25/12	Analyst: RH
Arsenic	0.011		0.010	mg/L	1	02/29/12 08:15 PM
Barium	1.0		0.050	mg/L	1	02/29/12 08:15 PM
Cadmium	ND		0.0020	mg/L	1	02/29/12 08:15 PM
Chromium	ND		0.020	mg/L	1	02/29/12 08:15 PM
Lead	ND		0.010	mg/L	1	02/29/12 08:15 PM
Selenium	ND		0.020	mg/L	1	02/29/12 08:15 PM
Silver	ND		0.0050	mg/L	1	02/29/12 08:15 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/28/12 02:25 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 02:25 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 02:25 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/28/12 02:25 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/28/12 02:25 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/28/12 02:25 PM
Hexachloroethane	ND		0.10	mg/L	1	02/28/12 02:25 PM
m-Cresol	ND		0.10	mg/L	1	02/28/12 02:25 PM
Nitrobenzene	ND		0.10	mg/L	1	02/28/12 02:25 PM
o-Cresol	ND		0.10	mg/L	1	02/28/12 02:25 PM
p-Cresol	ND		0.10	mg/L	1	02/28/12 02:25 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/28/12 02:25 PM
Pyridine	ND		0.40	mg/L	1	02/28/12 02:25 PM
Surr: 2,4,6-Tribromophenol	76.4		21-125	%REC	1	02/28/12 02:25 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B01-S02-022012

Lab ID: 1202641-11

Collection Date: 02/20/12 02:40 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	65.4		39-94	%REC	1	02/28/12 02:25 PM
<i>Surr: 2-Fluorophenol</i>	40.7		10-75	%REC	1	02/28/12 02:25 PM
<i>Surr: 4-Terphenyl-d14</i>	68.0		26-119	%REC	1	02/28/12 02:25 PM
<i>Surr: Nitrobenzene-d5</i>	80.6		41-104	%REC	1	02/28/12 02:25 PM
<i>Surr: Phenol-d6</i>	27.8		11-50	%REC	1	02/28/12 02:25 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/24/12	Analyst: BG
1,1-Dichloroethene	ND		0.020	mg/L	20	02/29/12 04:58 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/29/12 04:58 AM
2-Butanone	ND		0.20	mg/L	20	02/29/12 04:58 AM
Benzene	ND		0.020	mg/L	20	02/29/12 04:58 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/29/12 04:58 AM
Chlorobenzene	ND		0.020	mg/L	20	02/29/12 04:58 AM
Chloroform	ND		0.020	mg/L	20	02/29/12 04:58 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/29/12 04:58 AM
Trichloroethene	ND		0.020	mg/L	20	02/29/12 04:58 AM
Vinyl chloride	ND		0.020	mg/L	20	02/29/12 04:58 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	104		70-130	%REC	20	02/29/12 04:58 AM
<i>Surr: 4-Bromofluorobenzene</i>	97.7		70-130	%REC	20	02/29/12 04:58 AM
<i>Surr: Dibromofluoromethane</i>	95.1		70-130	%REC	20	02/29/12 04:58 AM
<i>Surr: Toluene-d8</i>	102		70-130	%REC	20	02/29/12 04:58 AM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B02-S01-022012

Lab ID: 1202641-12

Collection Date: 02/20/12 12:00 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 02/28/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/29/12 01:45 PM
2,4-D	ND		0.0050	mg/L	1	02/29/12 01:45 PM
Surr: DCAA	93.8		30-150	%REC	1	02/29/12 01:45 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/28/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 01:30 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 01:30 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 01:30 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 01:30 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 01:30 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 01:30 AM
Surr: Decachlorobiphenyl	79.0		30-135	%REC	1	03/02/12 01:30 AM
Surr: Tetrachloro-m-xylene	55.0		25-140	%REC	1	03/02/12 01:30 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/26/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/27/12 11:54 AM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/25/12	Analyst: RH
Arsenic	0.031		0.010	mg/L	1	02/29/12 08:21 PM
Barium	3.9		0.050	mg/L	1	02/29/12 08:21 PM
Cadmium	0.043		0.0020	mg/L	1	02/29/12 08:21 PM
Chromium	0.023		0.020	mg/L	1	02/29/12 08:21 PM
Lead	ND		0.010	mg/L	1	02/29/12 08:21 PM
Selenium	ND		0.020	mg/L	1	02/29/12 08:21 PM
Silver	ND		0.0050	mg/L	1	02/29/12 08:21 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/28/12 02:58 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 02:58 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 02:58 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/28/12 02:58 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/28/12 02:58 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/28/12 02:58 PM
Hexachloroethane	ND		0.10	mg/L	1	02/28/12 02:58 PM
m-Cresol	ND		0.10	mg/L	1	02/28/12 02:58 PM
Nitrobenzene	ND		0.10	mg/L	1	02/28/12 02:58 PM
o-Cresol	ND		0.10	mg/L	1	02/28/12 02:58 PM
p-Cresol	ND		0.10	mg/L	1	02/28/12 02:58 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/28/12 02:58 PM
Pyridine	ND		0.40	mg/L	1	02/28/12 02:58 PM
Surr: 2,4,6-Tribromophenol	78.7		21-125	%REC	1	02/28/12 02:58 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B02-S01-022012

Lab ID: 1202641-12

Collection Date: 02/20/12 12:00 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	67.8		39-94	%REC	1	02/28/12 02:58 PM
<i>Surr: 2-Fluorophenol</i>	44.8		10-75	%REC	1	02/28/12 02:58 PM
<i>Surr: 4-Terphenyl-d14</i>	62.3		26-119	%REC	1	02/28/12 02:58 PM
<i>Surr: Nitrobenzene-d5</i>	82.6		41-104	%REC	1	02/28/12 02:58 PM
<i>Surr: Phenol-d6</i>	30.7		11-50	%REC	1	02/28/12 02:58 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/24/12	Analyst: BG
1,1-Dichloroethene	ND		0.020	mg/L	20	02/29/12 05:22 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/29/12 05:22 AM
2-Butanone	ND		0.20	mg/L	20	02/29/12 05:22 AM
Benzene	ND		0.020	mg/L	20	02/29/12 05:22 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/29/12 05:22 AM
Chlorobenzene	ND		0.020	mg/L	20	02/29/12 05:22 AM
Chloroform	ND		0.020	mg/L	20	02/29/12 05:22 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/29/12 05:22 AM
Trichloroethene	ND		0.020	mg/L	20	02/29/12 05:22 AM
Vinyl chloride	ND		0.020	mg/L	20	02/29/12 05:22 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	102		70-130	%REC	20	02/29/12 05:22 AM
<i>Surr: 4-Bromofluorobenzene</i>	96.2		70-130	%REC	20	02/29/12 05:22 AM
<i>Surr: Dibromofluoromethane</i>	96.9		70-130	%REC	20	02/29/12 05:22 AM
<i>Surr: Toluene-d8</i>	101		70-130	%REC	20	02/29/12 05:22 AM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B02-S02-022012

Lab ID: 1202641-13

Collection Date: 02/20/12 12:25 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 02/28/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/29/12 01:54 PM
2,4-D	ND		0.0050	mg/L	1	02/29/12 01:54 PM
Surr: DCAA	94.6		30-150	%REC	1	02/29/12 01:54 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/28/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 01:45 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 01:45 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 01:45 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 01:45 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 01:45 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 01:45 AM
Surr: Decachlorobiphenyl	75.0		30-135	%REC	1	03/02/12 01:45 AM
Surr: Tetrachloro-m-xylene	59.0		25-140	%REC	1	03/02/12 01:45 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/26/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/27/12 11:56 AM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/25/12	Analyst: RH
Arsenic	0.016		0.010	mg/L	1	02/29/12 08:27 PM
Barium	5.0		0.050	mg/L	1	02/29/12 08:27 PM
Cadmium	ND		0.0020	mg/L	1	02/29/12 08:27 PM
Chromium	ND		0.020	mg/L	1	02/29/12 08:27 PM
Lead	ND		0.010	mg/L	1	02/29/12 08:27 PM
Selenium	ND		0.020	mg/L	1	02/29/12 08:27 PM
Silver	ND		0.0050	mg/L	1	02/29/12 08:27 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/27/12	Analyst: CW
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/28/12 08:52 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 08:52 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 08:52 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/28/12 08:52 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/28/12 08:52 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/28/12 08:52 PM
Hexachloroethane	ND		0.10	mg/L	1	02/28/12 08:52 PM
m-Cresol	ND		0.10	mg/L	1	02/28/12 08:52 PM
Nitrobenzene	ND		0.10	mg/L	1	02/28/12 08:52 PM
o-Cresol	ND		0.10	mg/L	1	02/28/12 08:52 PM
p-Cresol	ND		0.10	mg/L	1	02/28/12 08:52 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/28/12 08:52 PM
Pyridine	ND		0.40	mg/L	1	02/28/12 08:52 PM
Surr: 2,4,6-Tribromophenol	68.0		21-125	%REC	1	02/28/12 08:52 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B02-S02-022012

Lab ID: 1202641-13

Collection Date: 02/20/12 12:25 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	62.6		39-94	%REC	1	02/28/12 08:52 PM
<i>Surr: 2-Fluorophenol</i>	50.4		10-75	%REC	1	02/28/12 08:52 PM
<i>Surr: 4-Terphenyl-d14</i>	89.4		26-119	%REC	1	02/28/12 08:52 PM
<i>Surr: Nitrobenzene-d5</i>	72.0		41-104	%REC	1	02/28/12 08:52 PM
<i>Surr: Phenol-d6</i>	31.2		11-50	%REC	1	02/28/12 08:52 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/24/12	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	03/02/12 06:21 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/02/12 06:21 AM
2-Butanone	ND		0.20	mg/L	20	03/02/12 06:21 AM
Benzene	ND		0.020	mg/L	20	03/02/12 06:21 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/02/12 06:21 AM
Chlorobenzene	ND		0.020	mg/L	20	03/02/12 06:21 AM
Chloroform	ND		0.020	mg/L	20	03/02/12 06:21 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/02/12 06:21 AM
Trichloroethene	ND		0.020	mg/L	20	03/02/12 06:21 AM
Vinyl chloride	ND		0.020	mg/L	20	03/02/12 06:21 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	102		70-130	%REC	20	03/02/12 06:21 AM
<i>Surr: 4-Bromofluorobenzene</i>	95.6		70-130	%REC	20	03/02/12 06:21 AM
<i>Surr: Dibromofluoromethane</i>	98.0		70-130	%REC	20	03/02/12 06:21 AM
<i>Surr: Toluene-d8</i>	101		70-130	%REC	20	03/02/12 06:21 AM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B02-S01-022012-DP

Lab ID: 1202641-14

Collection Date: 02/20/12 12:00 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 02/28/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/29/12 02:22 PM
2,4-D	ND		0.0050	mg/L	1	02/29/12 02:22 PM
Surr: DCAA	93.2		30-150	%REC	1	02/29/12 02:22 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/28/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 02:30 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 02:30 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 02:30 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 02:30 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 02:30 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 02:30 AM
Surr: Decachlorobiphenyl	73.0		30-135	%REC	1	03/02/12 02:30 AM
Surr: Tetrachloro-m-xylene	55.0		25-140	%REC	1	03/02/12 02:30 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/26/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/27/12 12:08 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/25/12	Analyst: CES
Arsenic	0.024		0.010	mg/L	1	03/01/12 01:02 PM
Barium	2.1		0.050	mg/L	1	03/01/12 01:02 PM
Cadmium	0.0089		0.0020	mg/L	1	03/01/12 01:02 PM
Chromium	ND		0.020	mg/L	1	03/01/12 01:02 PM
Lead	ND		0.010	mg/L	1	03/01/12 01:02 PM
Selenium	ND		0.020	mg/L	1	03/01/12 01:02 PM
Silver	ND		0.0050	mg/L	1	03/01/12 01:02 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/28/12 03:31 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 03:31 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 03:31 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/28/12 03:31 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/28/12 03:31 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/28/12 03:31 PM
Hexachloroethane	ND		0.10	mg/L	1	02/28/12 03:31 PM
m-Cresol	ND		0.10	mg/L	1	02/28/12 03:31 PM
Nitrobenzene	ND		0.10	mg/L	1	02/28/12 03:31 PM
o-Cresol	ND		0.10	mg/L	1	02/28/12 03:31 PM
p-Cresol	ND		0.10	mg/L	1	02/28/12 03:31 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/28/12 03:31 PM
Pyridine	ND		0.40	mg/L	1	02/28/12 03:31 PM
Surr: 2,4,6-Tribromophenol	79.8		21-125	%REC	1	02/28/12 03:31 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B02-S01-022012-DP

Lab ID: 1202641-14

Collection Date: 02/20/12 12:00 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	68.4		39-94	%REC	1	02/28/12 03:31 PM
Surr: 2-Fluorophenol	55.9		10-75	%REC	1	02/28/12 03:31 PM
Surr: 4-Terphenyl-d14	80.4		26-119	%REC	1	02/28/12 03:31 PM
Surr: Nitrobenzene-d5	82.8		41-104	%REC	1	02/28/12 03:31 PM
Surr: Phenol-d6	35.0		11-50	%REC	1	02/28/12 03:31 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/24/12	Analyst: BG
1,1-Dichloroethene	ND		0.020	mg/L	20	02/29/12 06:09 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/29/12 06:09 AM
2-Butanone	ND		0.20	mg/L	20	02/29/12 06:09 AM
Benzene	ND		0.020	mg/L	20	02/29/12 06:09 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/29/12 06:09 AM
Chlorobenzene	ND		0.020	mg/L	20	02/29/12 06:09 AM
Chloroform	ND		0.020	mg/L	20	02/29/12 06:09 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/29/12 06:09 AM
Trichloroethene	ND		0.020	mg/L	20	02/29/12 06:09 AM
Vinyl chloride	ND		0.020	mg/L	20	02/29/12 06:09 AM
Surr: 1,2-Dichloroethane-d4	103		70-130	%REC	20	02/29/12 06:09 AM
Surr: 4-Bromofluorobenzene	97.4		70-130	%REC	20	02/29/12 06:09 AM
Surr: Dibromofluoromethane	96.2		70-130	%REC	20	02/29/12 06:09 AM
Surr: Toluene-d8	101		70-130	%REC	20	02/29/12 06:09 AM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B03-S01-022012

Lab ID: 1202641-15

Collection Date: 02/20/12 10:50 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 02/28/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/29/12 02:31 PM
2,4-D	ND		0.0050	mg/L	1	02/29/12 02:31 PM
Surr: DCAA	98.8		30-150	%REC	1	02/29/12 02:31 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/28/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 02:45 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 02:45 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 02:45 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 02:45 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 02:45 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 02:45 AM
Surr: Decachlorobiphenyl	65.0		30-135	%REC	1	03/02/12 02:45 AM
Surr: Tetrachloro-m-xylene	58.0		25-140	%REC	1	03/02/12 02:45 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/26/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/27/12 12:11 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/25/12	Analyst: CES
Arsenic	ND		0.010	mg/L	1	03/01/12 01:21 PM
Barium	0.79		0.050	mg/L	1	03/01/12 01:21 PM
Cadmium	ND		0.0020	mg/L	1	03/01/12 01:21 PM
Chromium	ND		0.020	mg/L	1	03/01/12 01:21 PM
Lead	ND		0.010	mg/L	1	03/01/12 01:21 PM
Selenium	ND		0.020	mg/L	1	03/01/12 01:21 PM
Silver	ND		0.0050	mg/L	1	03/01/12 01:21 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/28/12 04:04 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 04:04 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 04:04 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/28/12 04:04 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/28/12 04:04 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/28/12 04:04 PM
Hexachloroethane	ND		0.10	mg/L	1	02/28/12 04:04 PM
m-Cresol	ND		0.10	mg/L	1	02/28/12 04:04 PM
Nitrobenzene	ND		0.10	mg/L	1	02/28/12 04:04 PM
o-Cresol	ND		0.10	mg/L	1	02/28/12 04:04 PM
p-Cresol	ND		0.10	mg/L	1	02/28/12 04:04 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/28/12 04:04 PM
Pyridine	ND		0.40	mg/L	1	02/28/12 04:04 PM
Surr: 2,4,6-Tribromophenol	76.6		21-125	%REC	1	02/28/12 04:04 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B03-S01-022012

Lab ID: 1202641-15

Collection Date: 02/20/12 10:50 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	65.8		39-94	%REC	1	02/28/12 04:04 PM
Surr: 2-Fluorophenol	54.1		10-75	%REC	1	02/28/12 04:04 PM
Surr: 4-Terphenyl-d14	76.8		26-119	%REC	1	02/28/12 04:04 PM
Surr: Nitrobenzene-d5	78.4		41-104	%REC	1	02/28/12 04:04 PM
Surr: Phenol-d6	34.3		11-50	%REC	1	02/28/12 04:04 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/24/12	Analyst: BG
1,1-Dichloroethene	ND		0.020	mg/L	20	02/29/12 06:33 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/29/12 06:33 AM
2-Butanone	ND		0.20	mg/L	20	02/29/12 06:33 AM
Benzene	ND		0.020	mg/L	20	02/29/12 06:33 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/29/12 06:33 AM
Chlorobenzene	ND		0.020	mg/L	20	02/29/12 06:33 AM
Chloroform	ND		0.020	mg/L	20	02/29/12 06:33 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/29/12 06:33 AM
Trichloroethene	ND		0.020	mg/L	20	02/29/12 06:33 AM
Vinyl chloride	ND		0.020	mg/L	20	02/29/12 06:33 AM
Surr: 1,2-Dichloroethane-d4	103		70-130	%REC	20	02/29/12 06:33 AM
Surr: 4-Bromofluorobenzene	95.4		70-130	%REC	20	02/29/12 06:33 AM
Surr: Dibromofluoromethane	95.7		70-130	%REC	20	02/29/12 06:33 AM
Surr: Toluene-d8	99.6		70-130	%REC	20	02/29/12 06:33 AM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B04-S01-022012

Lab ID: 1202641-16

Collection Date: 02/20/12 10:05 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 02/28/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/29/12 02:41 PM
2,4-D	ND		0.0050	mg/L	1	02/29/12 02:41 PM
Surr: DCAA	66.2		30-150	%REC	1	02/29/12 02:41 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/28/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 03:00 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 03:00 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 03:00 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 03:00 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 03:00 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 03:00 AM
Surr: Decachlorobiphenyl	78.0		30-135	%REC	1	03/02/12 03:00 AM
Surr: Tetrachloro-m-xylene	61.0		25-140	%REC	1	03/02/12 03:00 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/26/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/27/12 12:13 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/25/12	Analyst: CES
Arsenic	ND		0.010	mg/L	1	03/01/12 01:27 PM
Barium	1.2		0.050	mg/L	1	03/01/12 01:27 PM
Cadmium	ND		0.0020	mg/L	1	03/01/12 01:27 PM
Chromium	ND		0.020	mg/L	1	03/01/12 01:27 PM
Lead	ND		0.010	mg/L	1	03/01/12 01:27 PM
Selenium	ND		0.020	mg/L	1	03/01/12 01:27 PM
Silver	ND		0.0050	mg/L	1	03/01/12 01:27 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/28/12 04:36 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 04:36 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 04:36 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/28/12 04:36 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/28/12 04:36 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/28/12 04:36 PM
Hexachloroethane	ND		0.10	mg/L	1	02/28/12 04:36 PM
m-Cresol	ND		0.10	mg/L	1	02/28/12 04:36 PM
Nitrobenzene	ND		0.10	mg/L	1	02/28/12 04:36 PM
o-Cresol	ND		0.10	mg/L	1	02/28/12 04:36 PM
p-Cresol	ND		0.10	mg/L	1	02/28/12 04:36 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/28/12 04:36 PM
Pyridine	ND		0.40	mg/L	1	02/28/12 04:36 PM
Surr: 2,4,6-Tribromophenol	77.1		21-125	%REC	1	02/28/12 04:36 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: AL-B04-S01-022012

Lab ID: 1202641-16

Collection Date: 02/20/12 10:05 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	66.3		39-94	%REC	1	02/28/12 04:36 PM
Surr: 2-Fluorophenol	53.3		10-75	%REC	1	02/28/12 04:36 PM
Surr: 4-Terphenyl-d14	78.8		26-119	%REC	1	02/28/12 04:36 PM
Surr: Nitrobenzene-d5	79.1		41-104	%REC	1	02/28/12 04:36 PM
Surr: Phenol-d6	32.9		11-50	%REC	1	02/28/12 04:36 PM

TCLP VOLATILE ORGANICS

SW8260

Prep Date: 02/24/12

Analyst: BG

1,1-Dichloroethene	ND		0.020	mg/L	20	02/29/12 06:57 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/29/12 06:57 AM
2-Butanone	ND		0.20	mg/L	20	02/29/12 06:57 AM
Benzene	ND		0.020	mg/L	20	02/29/12 06:57 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/29/12 06:57 AM
Chlorobenzene	ND		0.020	mg/L	20	02/29/12 06:57 AM
Chloroform	ND		0.020	mg/L	20	02/29/12 06:57 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/29/12 06:57 AM
Trichloroethene	ND		0.020	mg/L	20	02/29/12 06:57 AM
Vinyl chloride	ND		0.020	mg/L	20	02/29/12 06:57 AM
Surr: 1,2-Dichloroethane-d4	103		70-130	%REC	20	02/29/12 06:57 AM
Surr: 4-Bromofluorobenzene	96.2		70-130	%REC	20	02/29/12 06:57 AM
Surr: Dibromofluoromethane	95.8		70-130	%REC	20	02/29/12 06:57 AM
Surr: Toluene-d8	102		70-130	%REC	20	02/29/12 06:57 AM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B01-S01-022012

Lab ID: 1202641-17

Collection Date: 02/20/12 02:20 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 02/28/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/29/12 02:50 PM
2,4-D	ND		0.0050	mg/L	1	02/29/12 02:50 PM
Surr: DCAA	98.4		30-150	%REC	1	02/29/12 02:50 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/28/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 03:15 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 03:15 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 03:15 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 03:15 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 03:15 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 03:15 AM
Surr: Decachlorobiphenyl	77.0		30-135	%REC	1	03/02/12 03:15 AM
Surr: Tetrachloro-m-xylene	65.0		25-140	%REC	1	03/02/12 03:15 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/26/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/27/12 12:16 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/26/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/29/12 02:55 AM
Barium	0.48		0.050	mg/L	1	02/29/12 02:55 AM
Cadmium	ND		0.0020	mg/L	1	02/29/12 02:55 AM
Chromium	ND		0.020	mg/L	1	02/29/12 02:55 AM
Lead	ND		0.010	mg/L	1	02/29/12 02:55 AM
Selenium	ND		0.020	mg/L	1	02/29/12 02:55 AM
Silver	ND		0.0050	mg/L	1	02/29/12 02:55 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/28/12 05:09 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 05:09 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 05:09 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/28/12 05:09 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/28/12 05:09 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/28/12 05:09 PM
Hexachloroethane	ND		0.10	mg/L	1	02/28/12 05:09 PM
m-Cresol	ND		0.10	mg/L	1	02/28/12 05:09 PM
Nitrobenzene	ND		0.10	mg/L	1	02/28/12 05:09 PM
o-Cresol	ND		0.10	mg/L	1	02/28/12 05:09 PM
p-Cresol	ND		0.10	mg/L	1	02/28/12 05:09 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/28/12 05:09 PM
Pyridine	ND		0.40	mg/L	1	02/28/12 05:09 PM
Surr: 2,4,6-Tribromophenol	79.2		21-125	%REC	1	02/28/12 05:09 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B01-S01-022012

Lab ID: 1202641-17

Collection Date: 02/20/12 02:20 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	66.1		39-94	%REC	1	02/28/12 05:09 PM
<i>Surr: 2-Fluorophenol</i>	53.6		10-75	%REC	1	02/28/12 05:09 PM
<i>Surr: 4-Terphenyl-d14</i>	81.2		26-119	%REC	1	02/28/12 05:09 PM
<i>Surr: Nitrobenzene-d5</i>	80.9		41-104	%REC	1	02/28/12 05:09 PM
<i>Surr: Phenol-d6</i>	33.3		11-50	%REC	1	02/28/12 05:09 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/24/12	Analyst: BG
1,1-Dichloroethene	ND		0.020	mg/L	20	02/29/12 07:21 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	02/29/12 07:21 AM
2-Butanone	ND		0.20	mg/L	20	02/29/12 07:21 AM
Benzene	ND		0.020	mg/L	20	02/29/12 07:21 AM
Carbon tetrachloride	ND		0.020	mg/L	20	02/29/12 07:21 AM
Chlorobenzene	ND		0.020	mg/L	20	02/29/12 07:21 AM
Chloroform	ND		0.020	mg/L	20	02/29/12 07:21 AM
Tetrachloroethene	ND		0.020	mg/L	20	02/29/12 07:21 AM
Trichloroethene	ND		0.020	mg/L	20	02/29/12 07:21 AM
Vinyl chloride	ND		0.020	mg/L	20	02/29/12 07:21 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	105		70-130	%REC	20	02/29/12 07:21 AM
<i>Surr: 4-Bromofluorobenzene</i>	95.7		70-130	%REC	20	02/29/12 07:21 AM
<i>Surr: Dibromofluoromethane</i>	97.5		70-130	%REC	20	02/29/12 07:21 AM
<i>Surr: Toluene-d8</i>	101		70-130	%REC	20	02/29/12 07:21 AM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B03-S01-022012

Lab ID: 1202641-18

Collection Date: 02/20/12 04:36 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 02/28/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/29/12 02:59 PM
2,4-D	ND		0.0050	mg/L	1	02/29/12 02:59 PM
Surr: DCAA	87.6		30-150	%REC	1	02/29/12 02:59 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/28/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 03:30 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 03:30 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 03:30 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 03:30 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 03:30 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 03:30 AM
Surr: Decachlorobiphenyl	84.0		30-135	%REC	1	03/02/12 03:30 AM
Surr: Tetrachloro-m-xylene	55.0		25-140	%REC	1	03/02/12 03:30 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/26/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/27/12 12:18 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/26/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/29/12 03:00 AM
Barium	2.1		0.050	mg/L	1	02/29/12 03:00 AM
Cadmium	ND		0.0020	mg/L	1	02/29/12 03:00 AM
Chromium	ND		0.020	mg/L	1	02/29/12 03:00 AM
Lead	ND		0.010	mg/L	1	02/29/12 03:00 AM
Selenium	ND		0.020	mg/L	1	02/29/12 03:00 AM
Silver	ND		0.0050	mg/L	1	02/29/12 03:00 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/28/12 05:42 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 05:42 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 05:42 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/28/12 05:42 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/28/12 05:42 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/28/12 05:42 PM
Hexachloroethane	ND		0.10	mg/L	1	02/28/12 05:42 PM
m-Cresol	ND		0.10	mg/L	1	02/28/12 05:42 PM
Nitrobenzene	ND		0.10	mg/L	1	02/28/12 05:42 PM
o-Cresol	ND		0.10	mg/L	1	02/28/12 05:42 PM
p-Cresol	ND		0.10	mg/L	1	02/28/12 05:42 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/28/12 05:42 PM
Pyridine	ND		0.40	mg/L	1	02/28/12 05:42 PM
Surr: 2,4,6-Tribromophenol	63.9		21-125	%REC	1	02/28/12 05:42 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B03-S01-022012

Lab ID: 1202641-18

Collection Date: 02/20/12 04:36 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	56.3		39-94	%REC	1	02/28/12 05:42 PM
<i>Surr: 2-Fluorophenol</i>	42.7		10-75	%REC	1	02/28/12 05:42 PM
<i>Surr: 4-Terphenyl-d14</i>	78.1		26-119	%REC	1	02/28/12 05:42 PM
<i>Surr: Nitrobenzene-d5</i>	63.0		41-104	%REC	1	02/28/12 05:42 PM
<i>Surr: Phenol-d6</i>	26.9		11-50	%REC	1	02/28/12 05:42 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/25/12	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	03/02/12 06:45 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/02/12 06:45 AM
2-Butanone	ND		0.20	mg/L	20	03/02/12 06:45 AM
Benzene	ND		0.020	mg/L	20	03/02/12 06:45 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/02/12 06:45 AM
Chlorobenzene	ND		0.020	mg/L	20	03/02/12 06:45 AM
Chloroform	ND		0.020	mg/L	20	03/02/12 06:45 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/02/12 06:45 AM
Trichloroethene	ND		0.020	mg/L	20	03/02/12 06:45 AM
Vinyl chloride	ND		0.020	mg/L	20	03/02/12 06:45 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	103		70-130	%REC	20	03/02/12 06:45 AM
<i>Surr: 4-Bromofluorobenzene</i>	95.9		70-130	%REC	20	03/02/12 06:45 AM
<i>Surr: Dibromofluoromethane</i>	97.7		70-130	%REC	20	03/02/12 06:45 AM
<i>Surr: Toluene-d8</i>	101		70-130	%REC	20	03/02/12 06:45 AM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B04-S01-022012

Lab ID: 1202641-19

Collection Date: 02/20/12 10:45 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/28/12	Analyst: JD
2,4,5-T	ND		0.0060	mg/Kg-dry	1	02/29/12 08:02 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/29/12 08:02 PM
2,4-D	ND		0.0060	mg/Kg-dry	1	02/29/12 08:02 PM
Surr: DCAA	95.8		30-150	%REC	1	02/29/12 08:02 PM
PCBS			SW8082		Prep Date: 02/27/12	Analyst: JD
Aroclor 1016	ND		0.047	mg/Kg-dry	1	02/28/12 07:27 PM
Aroclor 1221	ND		0.047	mg/Kg-dry	1	02/28/12 07:27 PM
Aroclor 1232	ND		0.047	mg/Kg-dry	1	02/28/12 07:27 PM
Aroclor 1242	ND		0.047	mg/Kg-dry	1	02/28/12 07:27 PM
Aroclor 1248	ND		0.047	mg/Kg-dry	1	02/28/12 07:27 PM
Aroclor 1254	ND		0.047	mg/Kg-dry	1	02/28/12 07:27 PM
Aroclor 1260	ND		0.047	mg/Kg-dry	1	02/28/12 07:27 PM
Surr: Decachlorobiphenyl	83.1		40-140	%REC	1	02/28/12 07:27 PM
PESTICIDES			SW8081		Prep Date: 02/27/12	Analyst: JD
4,4'-DDD	ND		0.012	mg/Kg-dry	1	03/01/12 08:46 PM
4,4'-DDE	ND		0.012	mg/Kg-dry	1	03/01/12 08:46 PM
4,4'-DDT	ND		0.012	mg/Kg-dry	1	03/01/12 08:46 PM
Aldrin	ND		0.012	mg/Kg-dry	1	03/01/12 08:46 PM
alpha-BHC	ND		0.012	mg/Kg-dry	1	03/01/12 08:46 PM
alpha-Chlordane	ND		0.012	mg/Kg-dry	1	03/01/12 08:46 PM
beta-BHC	ND		0.012	mg/Kg-dry	1	03/01/12 08:46 PM
Chlordane, Technical	ND		0.030	mg/Kg-dry	1	03/01/12 08:46 PM
delta-BHC	ND		0.012	mg/Kg-dry	1	03/01/12 08:46 PM
Dieldrin	ND		0.012	mg/Kg-dry	1	03/01/12 08:46 PM
Endosulfan I	ND		0.012	mg/Kg-dry	1	03/01/12 08:46 PM
Endosulfan II	ND		0.012	mg/Kg-dry	1	03/01/12 08:46 PM
Endosulfan sulfate	ND		0.012	mg/Kg-dry	1	03/01/12 08:46 PM
Endrin	ND		0.012	mg/Kg-dry	1	03/01/12 08:46 PM
Endrin aldehyde	ND		0.012	mg/Kg-dry	1	03/01/12 08:46 PM
Endrin ketone	ND		0.012	mg/Kg-dry	1	03/01/12 08:46 PM
gamma-BHC (Lindane)	ND		0.012	mg/Kg-dry	1	03/01/12 08:46 PM
gamma-Chlordane	ND		0.012	mg/Kg-dry	1	03/01/12 08:46 PM
Heptachlor	ND		0.012	mg/Kg-dry	1	03/01/12 08:46 PM
Heptachlor epoxide	ND		0.012	mg/Kg-dry	1	03/01/12 08:46 PM
Methoxychlor	ND		0.012	mg/Kg-dry	1	03/01/12 08:46 PM
Toxaphene	ND		0.071	mg/Kg-dry	1	03/01/12 08:46 PM
Surr: Decachlorobiphenyl	66.1		45-135	%REC	1	03/01/12 08:46 PM
Surr: Tetrachloro-m-xylene	72.1		45-124	%REC	1	03/01/12 08:46 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B04-S01-022012

Lab ID: 1202641-19

Collection Date: 02/20/12 10:45 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/27/12	Analyst: CES
Mercury	ND		0.021	mg/Kg-dry	1	02/28/12 04:12 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/26/12	Analyst: CES
Aluminum	3,000		15	mg/Kg-dry	20	03/01/12 12:18 PM
Antimony	ND		0.76	mg/Kg-dry	2	02/29/12 01:17 AM
Arsenic	2.3		0.76	mg/Kg-dry	2	02/29/12 01:17 AM
Barium	10		0.76	mg/Kg-dry	2	02/29/12 01:17 AM
Beryllium	ND		0.30	mg/Kg-dry	2	02/29/12 01:17 AM
Boron	3.8		3.0	mg/Kg-dry	2	02/29/12 05:26 PM
Cadmium	ND		0.30	mg/Kg-dry	2	02/29/12 01:17 AM
Calcium	23,000		76	mg/Kg-dry	2	02/29/12 01:17 AM
Chromium	6.8		0.76	mg/Kg-dry	2	02/29/12 01:17 AM
Cobalt	2.7		0.76	mg/Kg-dry	2	02/29/12 01:17 AM
Copper	3.7		0.76	mg/Kg-dry	2	02/29/12 01:17 AM
Iron	5,500		12	mg/Kg-dry	2	02/29/12 01:17 AM
Lead	3.4		0.76	mg/Kg-dry	2	02/29/12 01:17 AM
Magnesium	4,000		30	mg/Kg-dry	2	02/29/12 05:26 PM
Manganese	97		0.76	mg/Kg-dry	2	02/29/12 01:17 AM
Nickel	7.4		0.76	mg/Kg-dry	2	02/29/12 01:17 AM
Potassium	470		30	mg/Kg-dry	2	02/29/12 01:17 AM
Selenium	0.79		0.76	mg/Kg-dry	2	02/29/12 01:17 AM
Silver	ND		0.76	mg/Kg-dry	2	02/29/12 01:17 AM
Sodium	84		30	mg/Kg-dry	2	02/29/12 05:26 PM
Thallium	ND		0.76	mg/Kg-dry	2	02/29/12 01:17 AM
Vanadium	11		0.76	mg/Kg-dry	2	02/29/12 01:17 AM
Zinc	14		1.5	mg/Kg-dry	2	02/29/12 01:17 AM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,1'-Biphenyl	ND		0.40	mg/Kg-dry	1	02/28/12 08:33 PM
2,4,5-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 08:33 PM
2,4,6-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 08:33 PM
2,4-Dichlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 08:33 PM
2,4-Dimethylphenol	ND		0.40	mg/Kg-dry	1	02/28/12 08:33 PM
2,4-Dinitrophenol	ND		0.80	mg/Kg-dry	1	02/28/12 08:33 PM
2,4-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/28/12 08:33 PM
2,6-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/28/12 08:33 PM
2-Chloronaphthalene	ND		0.097	mg/Kg-dry	1	02/28/12 08:33 PM
2-Chlorophenol	ND		1.9	mg/Kg-dry	10	03/01/12 12:00 PM
2-Methylnaphthalene	ND		0.097	mg/Kg-dry	1	02/28/12 08:33 PM
2-Methylphenol	ND		1.9	mg/Kg-dry	10	03/01/12 12:00 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B04-S01-022012

Lab ID: 1202641-19

Collection Date: 02/20/12 10:45 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.80	mg/Kg-dry	1	02/28/12 08:33 PM
2-Nitrophenol	ND		0.19	mg/Kg-dry	1	02/28/12 08:33 PM
3,3'-Dichlorobenzidine	ND		0.80	mg/Kg-dry	1	02/28/12 08:33 PM
3-Nitroaniline	ND		0.80	mg/Kg-dry	1	02/28/12 08:33 PM
4,6-Dinitro-2-methylphenol	ND		0.40	mg/Kg-dry	1	02/28/12 08:33 PM
4-Bromophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/28/12 08:33 PM
4-Chloro-3-methylphenol	ND		0.19	mg/Kg-dry	1	02/28/12 08:33 PM
4-Chloroaniline	ND		0.80	mg/Kg-dry	1	02/28/12 08:33 PM
4-Chlorophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/28/12 08:33 PM
4-Methylphenol	ND		1.9	mg/Kg-dry	10	03/01/12 12:00 PM
4-Nitroaniline	ND		0.80	mg/Kg-dry	1	02/28/12 08:33 PM
4-Nitrophenol	ND		0.80	mg/Kg-dry	1	02/28/12 08:33 PM
Acenaphthene	ND		0.036	mg/Kg-dry	1	02/28/12 08:33 PM
Acenaphthylene	ND		0.036	mg/Kg-dry	1	02/28/12 08:33 PM
Acetophenone	ND		4.0	mg/Kg-dry	10	03/01/12 12:00 PM
Anthracene	ND		0.036	mg/Kg-dry	1	02/28/12 08:33 PM
Atrazine	ND		0.40	mg/Kg-dry	1	02/28/12 08:33 PM
Benzaldehyde	ND		4.0	mg/Kg-dry	10	03/01/12 12:00 PM
Benzo(a)anthracene	ND		0.036	mg/Kg-dry	1	02/28/12 08:33 PM
Benzo(a)pyrene	ND		0.036	mg/Kg-dry	1	02/28/12 08:33 PM
Benzo(b)fluoranthene	ND		0.036	mg/Kg-dry	1	02/28/12 08:33 PM
Benzo(g,h,i)perylene	ND		0.036	mg/Kg-dry	1	02/28/12 08:33 PM
Benzo(k)fluoranthene	ND		0.036	mg/Kg-dry	1	02/28/12 08:33 PM
Bis(2-chloroethoxy)methane	ND		0.19	mg/Kg-dry	1	02/28/12 08:33 PM
Bis(2-chloroethyl)ether	ND		1.9	mg/Kg-dry	10	03/01/12 12:00 PM
Bis(2-chloroisopropyl)ether	ND		1.9	mg/Kg-dry	10	03/01/12 12:00 PM
Bis(2-ethylhexyl)phthalate	ND		0.40	mg/Kg-dry	1	02/28/12 08:33 PM
Butyl benzyl phthalate	ND		0.19	mg/Kg-dry	1	02/28/12 08:33 PM
Caprolactam	ND		0.40	mg/Kg-dry	1	02/28/12 08:33 PM
Carbazole	ND		0.19	mg/Kg-dry	1	02/28/12 08:33 PM
Chrysene	ND		0.036	mg/Kg-dry	1	02/28/12 08:33 PM
Dibenzo(a,h)anthracene	ND		0.036	mg/Kg-dry	1	02/28/12 08:33 PM
Dibenzofuran	ND		0.19	mg/Kg-dry	1	02/28/12 08:33 PM
Diethyl phthalate	ND		0.40	mg/Kg-dry	1	02/28/12 08:33 PM
Dimethyl phthalate	ND		0.40	mg/Kg-dry	1	02/28/12 08:33 PM
Di-n-butyl phthalate	ND		0.40	mg/Kg-dry	1	02/28/12 08:33 PM
Di-n-octyl phthalate	ND		0.19	mg/Kg-dry	1	02/28/12 08:33 PM
Fluoranthene	ND		0.036	mg/Kg-dry	1	02/28/12 08:33 PM
Fluorene	ND		0.036	mg/Kg-dry	1	02/28/12 08:33 PM
Hexachlorobenzene	ND		0.19	mg/Kg-dry	1	02/28/12 08:33 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B04-S01-022012

Lab ID: 1202641-19

Collection Date: 02/20/12 10:45 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.19	mg/Kg-dry	1	02/28/12 08:33 PM
Hexachlorocyclopentadiene	ND		0.40	mg/Kg-dry	1	02/28/12 08:33 PM
Hexachloroethane	ND		1.9	mg/Kg-dry	10	03/01/12 12:00 PM
Indeno(1,2,3-cd)pyrene	ND		0.036	mg/Kg-dry	1	02/28/12 08:33 PM
Isophorone	ND		0.19	mg/Kg-dry	1	02/28/12 08:33 PM
Naphthalene	ND		0.036	mg/Kg-dry	1	02/28/12 08:33 PM
Nitrobenzene	ND		0.19	mg/Kg-dry	1	02/28/12 08:33 PM
N-Nitrosodi-n-propylamine	ND		1.9	mg/Kg-dry	10	03/01/12 12:00 PM
N-Nitrosodiphenylamine	ND		0.19	mg/Kg-dry	1	02/28/12 08:33 PM
Pentachlorophenol	ND		0.40	mg/Kg-dry	1	02/28/12 08:33 PM
Phenanthrene	ND		0.036	mg/Kg-dry	1	02/28/12 08:33 PM
Phenol	ND		1.9	mg/Kg-dry	10	03/01/12 12:00 PM
Pyrene	ND		0.036	mg/Kg-dry	1	02/28/12 08:33 PM
Surr: 2,4,6-Tribromophenol	95.2		34-140	%REC	1	02/28/12 08:33 PM
Surr: 2-Fluorobiphenyl	73.9		12-100	%REC	1	02/28/12 08:33 PM
Surr: 2-Fluorophenol	88.2		33-117	%REC	10	03/01/12 12:00 PM
Surr: 4-Terphenyl-d14	87.8		25-137	%REC	1	02/28/12 08:33 PM
Surr: Nitrobenzene-d5	67.0		37-107	%REC	1	02/28/12 08:33 PM
Surr: Phenol-d6	82.4		40-106	%REC	10	03/01/12 12:00 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: BG

1,1,1-Trichloroethane	ND		0.061	mg/Kg-dry	50	02/28/12 06:20 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/28/12 06:20 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/28/12 06:20 PM
1,1,2-Trichlorotrifluoroethane	ND		0.061	mg/Kg-dry	50	02/28/12 06:20 PM
1,1-Dichloroethane	ND		0.061	mg/Kg-dry	50	02/28/12 06:20 PM
1,1-Dichloroethene	ND		0.061	mg/Kg-dry	50	02/28/12 06:20 PM
1,2,4-Trichlorobenzene	ND		0.061	mg/Kg-dry	50	02/28/12 06:20 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/28/12 06:20 PM
1,2-Dibromoethane	ND		0.091	mg/Kg-dry	50	02/28/12 06:20 PM
1,2-Dichlorobenzene	ND		0.061	mg/Kg-dry	50	02/28/12 06:20 PM
1,2-Dichloroethane	ND		0.061	mg/Kg-dry	50	02/28/12 06:20 PM
1,2-Dichloropropane	ND		0.21	mg/Kg-dry	50	02/28/12 06:20 PM
1,3-Dichlorobenzene	ND		0.061	mg/Kg-dry	50	02/28/12 06:20 PM
1,4-Dichlorobenzene	ND		0.061	mg/Kg-dry	50	02/28/12 06:20 PM
2-Butanone	ND		0.46	mg/Kg-dry	50	02/28/12 06:20 PM
2-Hexanone	ND		0.30	mg/Kg-dry	50	02/28/12 06:20 PM
4-Methyl-2-pentanone	ND		0.30	mg/Kg-dry	50	02/28/12 06:20 PM
Acetone	ND		0.27	mg/Kg-dry	50	02/28/12 06:20 PM
Benzene	ND		0.061	mg/Kg-dry	50	02/28/12 06:20 PM
Bromodichloromethane	ND		0.091	mg/Kg-dry	50	02/28/12 06:20 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B04-S01-022012

Lab ID: 1202641-19

Collection Date: 02/20/12 10:45 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.061	mg/Kg-dry	50	02/28/12 06:20 PM
Bromomethane	ND		0.091	mg/Kg-dry	50	02/28/12 06:20 PM
Carbon disulfide	ND		0.091	mg/Kg-dry	50	02/28/12 06:20 PM
Carbon tetrachloride	ND		0.061	mg/Kg-dry	50	02/28/12 06:20 PM
Chlorobenzene	ND		0.091	mg/Kg-dry	50	02/28/12 06:20 PM
Chloroethane	ND		0.18	mg/Kg-dry	50	02/28/12 06:20 PM
Chloroform	ND		0.061	mg/Kg-dry	50	02/28/12 06:20 PM
Chloromethane	ND		0.18	mg/Kg-dry	50	02/28/12 06:20 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/28/12 06:20 PM
cis-1,3-Dichloropropene	ND		0.061	mg/Kg-dry	50	02/28/12 06:20 PM
Cyclohexane	ND		0.061	mg/Kg-dry	50	02/28/12 06:20 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/28/12 06:20 PM
Dichlorodifluoromethane	ND		0.061	mg/Kg-dry	50	02/28/12 06:20 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/28/12 06:20 PM
Isopropylbenzene	ND		0.061	mg/Kg-dry	50	02/28/12 06:20 PM
Methyl acetate	ND		0.061	mg/Kg-dry	50	02/28/12 06:20 PM
Methyl tert-butyl ether	ND		0.091	mg/Kg-dry	50	02/28/12 06:20 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/28/12 06:20 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/28/12 06:20 PM
Styrene	ND		0.091	mg/Kg-dry	50	02/28/12 06:20 PM
Tetrachloroethene	ND		0.061	mg/Kg-dry	50	02/28/12 06:20 PM
Toluene	ND		0.091	mg/Kg-dry	50	02/28/12 06:20 PM
trans-1,2-Dichloroethene	ND		0.061	mg/Kg-dry	50	02/28/12 06:20 PM
trans-1,3-Dichloropropene	ND		0.091	mg/Kg-dry	50	02/28/12 06:20 PM
Trichloroethene	ND		0.061	mg/Kg-dry	50	02/28/12 06:20 PM
Trichlorofluoromethane	ND		0.061	mg/Kg-dry	50	02/28/12 06:20 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/28/12 06:20 PM
Xylenes, Total	ND		0.18	mg/Kg-dry	50	02/28/12 06:20 PM
Surr: 1,2-Dichloroethane-d4	103		70-120	%REC	50	02/28/12 06:20 PM
Surr: 4-Bromofluorobenzene	99.2		75-120	%REC	50	02/28/12 06:20 PM
Surr: Dibromofluoromethane	92.1		85-115	%REC	50	02/28/12 06:20 PM
Surr: Toluene-d8	100		85-115	%REC	50	02/28/12 06:20 PM

CHROMIUM, HEXAVALENT

Chromium, Hexavalent ND 0.60 mg/Kg-dry 1 Prep Date: 02/24/12 Analyst: MB 02/27/12 04:00 PM

MOISTURE

Moisture 18 A2540 G 0.050 % of sample 1 Analyst: CG 02/23/12 04:08 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B06-S01-022012

Lab ID: 1202641-20

Collection Date: 02/20/12 04:10 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/28/12	Analyst: JD
2,4,5-T	ND		0.0057	mg/Kg-dry	1	02/29/12 08:11 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/29/12 08:11 PM
2,4-D	ND		0.0057	mg/Kg-dry	1	02/29/12 08:11 PM
Surr: DCAA	91.2		30-150	%REC	1	02/29/12 08:11 PM
PCBS			SW8082		Prep Date: 02/27/12	Analyst: JD
Aroclor 1016	ND		0.044	mg/Kg-dry	1	02/28/12 07:47 PM
Aroclor 1221	ND		0.044	mg/Kg-dry	1	02/28/12 07:47 PM
Aroclor 1232	ND		0.044	mg/Kg-dry	1	02/28/12 07:47 PM
Aroclor 1242	ND		0.044	mg/Kg-dry	1	02/28/12 07:47 PM
Aroclor 1248	ND		0.044	mg/Kg-dry	1	02/28/12 07:47 PM
Aroclor 1254	ND		0.044	mg/Kg-dry	1	02/28/12 07:47 PM
Aroclor 1260	ND		0.044	mg/Kg-dry	1	02/28/12 07:47 PM
Surr: Decachlorobiphenyl	77.1		40-140	%REC	1	02/28/12 07:47 PM
PESTICIDES			SW8081		Prep Date: 02/27/12	Analyst: JD
4,4'-DDD	ND		0.011	mg/Kg-dry	1	03/01/12 09:01 PM
4,4'-DDE	ND		0.011	mg/Kg-dry	1	03/01/12 09:01 PM
4,4'-DDT	ND		0.011	mg/Kg-dry	1	03/01/12 09:01 PM
Aldrin	ND		0.011	mg/Kg-dry	1	03/01/12 09:01 PM
alpha-BHC	ND		0.011	mg/Kg-dry	1	03/01/12 09:01 PM
alpha-Chlordane	ND		0.011	mg/Kg-dry	1	03/01/12 09:01 PM
beta-BHC	ND		0.011	mg/Kg-dry	1	03/01/12 09:01 PM
Chlordane, Technical	ND		0.028	mg/Kg-dry	1	03/01/12 09:01 PM
delta-BHC	ND		0.011	mg/Kg-dry	1	03/01/12 09:01 PM
Dieldrin	ND		0.011	mg/Kg-dry	1	03/01/12 09:01 PM
Endosulfan I	ND		0.011	mg/Kg-dry	1	03/01/12 09:01 PM
Endosulfan II	ND		0.011	mg/Kg-dry	1	03/01/12 09:01 PM
Endosulfan sulfate	ND		0.011	mg/Kg-dry	1	03/01/12 09:01 PM
Endrin	ND		0.011	mg/Kg-dry	1	03/01/12 09:01 PM
Endrin aldehyde	ND		0.011	mg/Kg-dry	1	03/01/12 09:01 PM
Endrin ketone	ND		0.011	mg/Kg-dry	1	03/01/12 09:01 PM
gamma-BHC (Lindane)	ND		0.011	mg/Kg-dry	1	03/01/12 09:01 PM
gamma-Chlordane	ND		0.011	mg/Kg-dry	1	03/01/12 09:01 PM
Heptachlor	ND		0.011	mg/Kg-dry	1	03/01/12 09:01 PM
Heptachlor epoxide	ND		0.011	mg/Kg-dry	1	03/01/12 09:01 PM
Methoxychlor	ND		0.011	mg/Kg-dry	1	03/01/12 09:01 PM
Toxaphene	ND		0.067	mg/Kg-dry	1	03/01/12 09:01 PM
Surr: Decachlorobiphenyl	67.1		45-135	%REC	1	03/01/12 09:01 PM
Surr: Tetrachloro-m-xylene	73.1		45-124	%REC	1	03/01/12 09:01 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B06-S01-022012

Lab ID: 1202641-20

Collection Date: 02/20/12 04:10 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/27/12	Analyst: CES
Mercury	ND		0.021	mg/Kg-dry	1	02/28/12 04:15 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/26/12	Analyst: RH
Aluminum	4,400		1.8	mg/Kg-dry	2	02/29/12 03:53 AM
Antimony	ND		0.88	mg/Kg-dry	2	02/29/12 03:53 AM
Arsenic	1.7		0.88	mg/Kg-dry	2	02/29/12 03:53 AM
Barium	26		0.88	mg/Kg-dry	2	02/29/12 03:53 AM
Beryllium	ND		0.35	mg/Kg-dry	2	02/29/12 03:53 AM
Boron	15		3.5	mg/Kg-dry	2	02/29/12 03:53 AM
Cadmium	ND		0.35	mg/Kg-dry	2	02/29/12 03:53 AM
Calcium	1,400		88	mg/Kg-dry	2	02/29/12 03:53 AM
Chromium	6.0		0.88	mg/Kg-dry	2	02/29/12 03:53 AM
Cobalt	3.4		0.88	mg/Kg-dry	2	02/29/12 03:53 AM
Copper	2.9		0.88	mg/Kg-dry	2	02/29/12 03:53 AM
Iron	5,700		14	mg/Kg-dry	2	02/29/12 03:53 AM
Lead	4.1		0.88	mg/Kg-dry	2	02/29/12 03:53 AM
Magnesium	1,300		35	mg/Kg-dry	2	02/29/12 03:53 AM
Manganese	37		0.88	mg/Kg-dry	2	02/29/12 03:53 AM
Nickel	7.6		0.88	mg/Kg-dry	2	02/29/12 03:53 AM
Potassium	550		35	mg/Kg-dry	2	02/29/12 03:53 AM
Selenium	ND		0.88	mg/Kg-dry	2	02/29/12 03:53 AM
Silver	ND		0.88	mg/Kg-dry	2	02/29/12 03:53 AM
Sodium	130		35	mg/Kg-dry	2	02/29/12 03:53 AM
Thallium	ND		0.88	mg/Kg-dry	2	02/29/12 03:53 AM
Vanadium	11		0.88	mg/Kg-dry	2	02/29/12 03:53 AM
Zinc	18		1.8	mg/Kg-dry	2	02/29/12 03:53 AM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,1'-Biphenyl	ND		0.39	mg/Kg-dry	1	02/28/12 09:00 PM
2,4,5-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
2,4,6-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
2,4-Dichlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
2,4-Dimethylphenol	ND		0.39	mg/Kg-dry	1	02/28/12 09:00 PM
2,4-Dinitrophenol	ND		0.77	mg/Kg-dry	1	02/28/12 09:00 PM
2,4-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
2,6-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
2-Chloronaphthalene	ND		0.094	mg/Kg-dry	1	02/28/12 09:00 PM
2-Chlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
2-Methylnaphthalene	ND		0.094	mg/Kg-dry	1	02/28/12 09:00 PM
2-Methylphenol	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B06-S01-022012

Lab ID: 1202641-20

Collection Date: 02/20/12 04:10 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.77	mg/Kg-dry	1	02/28/12 09:00 PM
2-Nitrophenol	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
3,3'-Dichlorobenzidine	ND		0.77	mg/Kg-dry	1	02/28/12 09:00 PM
3-Nitroaniline	ND		0.77	mg/Kg-dry	1	02/28/12 09:00 PM
4,6-Dinitro-2-methylphenol	ND		0.39	mg/Kg-dry	1	02/28/12 09:00 PM
4-Bromophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
4-Chloro-3-methylphenol	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
4-Chloroaniline	ND		0.77	mg/Kg-dry	1	02/28/12 09:00 PM
4-Chlorophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
4-Methylphenol	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
4-Nitroaniline	ND		0.77	mg/Kg-dry	1	02/28/12 09:00 PM
4-Nitrophenol	ND		0.77	mg/Kg-dry	1	02/28/12 09:00 PM
Acenaphthene	ND		0.035	mg/Kg-dry	1	02/28/12 09:00 PM
Acenaphthylene	ND		0.035	mg/Kg-dry	1	02/28/12 09:00 PM
Acetophenone	ND		0.39	mg/Kg-dry	1	02/28/12 09:00 PM
Anthracene	ND		0.035	mg/Kg-dry	1	02/28/12 09:00 PM
Atrazine	ND		0.39	mg/Kg-dry	1	02/28/12 09:00 PM
Benzaldehyde	ND		0.39	mg/Kg-dry	1	02/28/12 09:00 PM
Benzo(a)anthracene	ND		0.035	mg/Kg-dry	1	02/28/12 09:00 PM
Benzo(a)pyrene	ND		0.035	mg/Kg-dry	1	02/28/12 09:00 PM
Benzo(b)fluoranthene	ND		0.035	mg/Kg-dry	1	02/28/12 09:00 PM
Benzo(g,h,i)perylene	ND		0.035	mg/Kg-dry	1	02/28/12 09:00 PM
Benzo(k)fluoranthene	ND		0.035	mg/Kg-dry	1	02/28/12 09:00 PM
Bis(2-chloroethoxy)methane	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
Bis(2-chloroethyl)ether	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
Bis(2-chloroisopropyl)ether	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
Bis(2-ethylhexyl)phthalate	ND		0.39	mg/Kg-dry	1	02/28/12 09:00 PM
Butyl benzyl phthalate	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
Caprolactam	ND		0.39	mg/Kg-dry	1	02/28/12 09:00 PM
Carbazole	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
Chrysene	ND		0.035	mg/Kg-dry	1	02/28/12 09:00 PM
Dibenzo(a,h)anthracene	ND		0.035	mg/Kg-dry	1	02/28/12 09:00 PM
Dibenzofuran	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
Diethyl phthalate	ND		0.39	mg/Kg-dry	1	02/28/12 09:00 PM
Dimethyl phthalate	ND		0.39	mg/Kg-dry	1	02/28/12 09:00 PM
Di-n-butyl phthalate	ND		0.39	mg/Kg-dry	1	02/28/12 09:00 PM
Di-n-octyl phthalate	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
Fluoranthene	ND		0.035	mg/Kg-dry	1	02/28/12 09:00 PM
Fluorene	ND		0.035	mg/Kg-dry	1	02/28/12 09:00 PM
Hexachlorobenzene	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B06-S01-022012

Lab ID: 1202641-20

Collection Date: 02/20/12 04:10 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
Hexachlorocyclopentadiene	ND		0.39	mg/Kg-dry	1	02/28/12 09:00 PM
Hexachloroethane	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
Indeno(1,2,3-cd)pyrene	ND		0.035	mg/Kg-dry	1	02/28/12 09:00 PM
Isophorone	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
Naphthalene	ND		0.035	mg/Kg-dry	1	02/28/12 09:00 PM
Nitrobenzene	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
N-Nitrosodi-n-propylamine	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
N-Nitrosodiphenylamine	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
Pentachlorophenol	ND		0.39	mg/Kg-dry	1	02/28/12 09:00 PM
Phenanthrene	ND		0.035	mg/Kg-dry	1	02/28/12 09:00 PM
Phenol	ND		0.19	mg/Kg-dry	1	02/28/12 09:00 PM
Pyrene	ND		0.035	mg/Kg-dry	1	02/28/12 09:00 PM
Surr: 2,4,6-Tribromophenol	93.4		34-140	%REC	1	02/28/12 09:00 PM
Surr: 2-Fluorobiphenyl	63.1		12-100	%REC	1	02/28/12 09:00 PM
Surr: 2-Fluorophenol	71.3		33-117	%REC	1	02/28/12 09:00 PM
Surr: 4-Terphenyl-d14	88.5		25-137	%REC	1	02/28/12 09:00 PM
Surr: Nitrobenzene-d5	59.1		37-107	%REC	1	02/28/12 09:00 PM
Surr: Phenol-d6	70.2		40-106	%REC	1	02/28/12 09:00 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: BG

1,1,1-Trichloroethane	ND		0.059	mg/Kg-dry	50	02/28/12 06:44 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/28/12 06:44 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/28/12 06:44 PM
1,1,2-Trichlorotrifluoroethane	ND		0.059	mg/Kg-dry	50	02/28/12 06:44 PM
1,1-Dichloroethane	ND		0.059	mg/Kg-dry	50	02/28/12 06:44 PM
1,1-Dichloroethene	ND		0.059	mg/Kg-dry	50	02/28/12 06:44 PM
1,2,4-Trichlorobenzene	ND		0.059	mg/Kg-dry	50	02/28/12 06:44 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/28/12 06:44 PM
1,2-Dibromoethane	ND		0.088	mg/Kg-dry	50	02/28/12 06:44 PM
1,2-Dichlorobenzene	ND		0.059	mg/Kg-dry	50	02/28/12 06:44 PM
1,2-Dichloroethane	ND		0.059	mg/Kg-dry	50	02/28/12 06:44 PM
1,2-Dichloropropane	ND		0.21	mg/Kg-dry	50	02/28/12 06:44 PM
1,3-Dichlorobenzene	ND		0.059	mg/Kg-dry	50	02/28/12 06:44 PM
1,4-Dichlorobenzene	ND		0.059	mg/Kg-dry	50	02/28/12 06:44 PM
2-Butanone	ND		0.44	mg/Kg-dry	50	02/28/12 06:44 PM
2-Hexanone	ND		0.29	mg/Kg-dry	50	02/28/12 06:44 PM
4-Methyl-2-pentanone	ND		0.29	mg/Kg-dry	50	02/28/12 06:44 PM
Acetone	ND		0.26	mg/Kg-dry	50	02/28/12 06:44 PM
Benzene	ND		0.059	mg/Kg-dry	50	02/28/12 06:44 PM
Bromodichloromethane	ND		0.088	mg/Kg-dry	50	02/28/12 06:44 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B06-S01-022012

Lab ID: 1202641-20

Collection Date: 02/20/12 04:10 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.059	mg/Kg-dry	50	02/28/12 06:44 PM
Bromomethane	ND		0.088	mg/Kg-dry	50	02/28/12 06:44 PM
Carbon disulfide	ND		0.088	mg/Kg-dry	50	02/28/12 06:44 PM
Carbon tetrachloride	ND		0.059	mg/Kg-dry	50	02/28/12 06:44 PM
Chlorobenzene	ND		0.088	mg/Kg-dry	50	02/28/12 06:44 PM
Chloroethane	ND		0.18	mg/Kg-dry	50	02/28/12 06:44 PM
Chloroform	ND		0.059	mg/Kg-dry	50	02/28/12 06:44 PM
Chloromethane	ND		0.18	mg/Kg-dry	50	02/28/12 06:44 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/28/12 06:44 PM
cis-1,3-Dichloropropene	ND		0.059	mg/Kg-dry	50	02/28/12 06:44 PM
Cyclohexane	ND		0.059	mg/Kg-dry	50	02/28/12 06:44 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/28/12 06:44 PM
Dichlorodifluoromethane	ND		0.059	mg/Kg-dry	50	02/28/12 06:44 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/28/12 06:44 PM
Isopropylbenzene	ND		0.059	mg/Kg-dry	50	02/28/12 06:44 PM
Methyl acetate	ND		0.059	mg/Kg-dry	50	02/28/12 06:44 PM
Methyl tert-butyl ether	ND		0.088	mg/Kg-dry	50	02/28/12 06:44 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/28/12 06:44 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/28/12 06:44 PM
Styrene	ND		0.088	mg/Kg-dry	50	02/28/12 06:44 PM
Tetrachloroethene	0.25		0.059	mg/Kg-dry	50	02/28/12 06:44 PM
Toluene	ND		0.088	mg/Kg-dry	50	02/28/12 06:44 PM
trans-1,2-Dichloroethene	ND		0.059	mg/Kg-dry	50	02/28/12 06:44 PM
trans-1,3-Dichloropropene	ND		0.088	mg/Kg-dry	50	02/28/12 06:44 PM
Trichloroethene	ND		0.059	mg/Kg-dry	50	02/28/12 06:44 PM
Trichlorofluoromethane	ND		0.059	mg/Kg-dry	50	02/28/12 06:44 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/28/12 06:44 PM
Xylenes, Total	ND		0.18	mg/Kg-dry	50	02/28/12 06:44 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	105		70-120	%REC	50	02/28/12 06:44 PM
<i>Surr: 4-Bromofluorobenzene</i>	102		75-120	%REC	50	02/28/12 06:44 PM
<i>Surr: Dibromofluoromethane</i>	93.3		85-115	%REC	50	02/28/12 06:44 PM
<i>Surr: Toluene-d8</i>	103		85-115	%REC	50	02/28/12 06:44 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/24/12	Analyst: MB
Chromium, Hexavalent	ND		0.59	mg/Kg-dry	1	02/27/12 04:00 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	15		0.050	% of sample	1	02/23/12 04:08 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B09-S01-022112

Lab ID: 1202641-21

Collection Date: 02/21/12 09:25 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/28/12	Analyst: JD
2,4,5-T	ND		0.0055	mg/Kg-dry	1	02/29/12 08:20 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/29/12 08:20 PM
2,4-D	ND		0.0055	mg/Kg-dry	1	02/29/12 08:20 PM
Surr: DCAA	95.6		30-150	%REC	1	02/29/12 08:20 PM
PCBS			SW8082		Prep Date: 02/27/12	Analyst: JD
Aroclor 1016	ND		0.044	mg/Kg-dry	1	02/28/12 08:07 PM
Aroclor 1221	ND		0.044	mg/Kg-dry	1	02/28/12 08:07 PM
Aroclor 1232	ND		0.044	mg/Kg-dry	1	02/28/12 08:07 PM
Aroclor 1242	ND		0.044	mg/Kg-dry	1	02/28/12 08:07 PM
Aroclor 1248	ND		0.044	mg/Kg-dry	1	02/28/12 08:07 PM
Aroclor 1254	ND		0.044	mg/Kg-dry	1	02/28/12 08:07 PM
Aroclor 1260	ND		0.044	mg/Kg-dry	1	02/28/12 08:07 PM
Surr: Decachlorobiphenyl	82.1		40-140	%REC	1	02/28/12 08:07 PM
PESTICIDES			SW8081		Prep Date: 02/27/12	Analyst: JD
4,4'-DDD	ND		0.011	mg/Kg-dry	1	03/01/12 09:16 PM
4,4'-DDE	ND		0.011	mg/Kg-dry	1	03/01/12 09:16 PM
4,4'-DDT	ND		0.011	mg/Kg-dry	1	03/01/12 09:16 PM
Aldrin	ND		0.011	mg/Kg-dry	1	03/01/12 09:16 PM
alpha-BHC	ND		0.011	mg/Kg-dry	1	03/01/12 09:16 PM
alpha-Chlordane	ND		0.011	mg/Kg-dry	1	03/01/12 09:16 PM
beta-BHC	ND		0.011	mg/Kg-dry	1	03/01/12 09:16 PM
Chlordane, Technical	ND		0.028	mg/Kg-dry	1	03/01/12 09:16 PM
delta-BHC	ND		0.011	mg/Kg-dry	1	03/01/12 09:16 PM
Dieldrin	ND		0.011	mg/Kg-dry	1	03/01/12 09:16 PM
Endosulfan I	ND		0.011	mg/Kg-dry	1	03/01/12 09:16 PM
Endosulfan II	ND		0.011	mg/Kg-dry	1	03/01/12 09:16 PM
Endosulfan sulfate	ND		0.011	mg/Kg-dry	1	03/01/12 09:16 PM
Endrin	ND		0.011	mg/Kg-dry	1	03/01/12 09:16 PM
Endrin aldehyde	ND		0.011	mg/Kg-dry	1	03/01/12 09:16 PM
Endrin ketone	ND		0.011	mg/Kg-dry	1	03/01/12 09:16 PM
gamma-BHC (Lindane)	ND		0.011	mg/Kg-dry	1	03/01/12 09:16 PM
gamma-Chlordane	ND		0.011	mg/Kg-dry	1	03/01/12 09:16 PM
Heptachlor	ND		0.011	mg/Kg-dry	1	03/01/12 09:16 PM
Heptachlor epoxide	ND		0.011	mg/Kg-dry	1	03/01/12 09:16 PM
Methoxychlor	ND		0.011	mg/Kg-dry	1	03/01/12 09:16 PM
Toxaphene	ND		0.066	mg/Kg-dry	1	03/01/12 09:16 PM
Surr: Decachlorobiphenyl	71.1		45-135	%REC	1	03/01/12 09:16 PM
Surr: Tetrachloro-m-xylene	71.1		45-124	%REC	1	03/01/12 09:16 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B09-S01-022112

Lab ID: 1202641-21

Collection Date: 02/21/12 09:25 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/27/12	Analyst: LR
Mercury	ND		0.019	mg/Kg-dry	1	02/28/12 05:27 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/26/12	Analyst: RH
Aluminum	4,100		1.4	mg/Kg-dry	2	02/29/12 03:59 AM
Antimony	ND		0.68	mg/Kg-dry	2	02/29/12 03:59 AM
Arsenic	1.4		0.68	mg/Kg-dry	2	02/29/12 03:59 AM
Barium	34		0.68	mg/Kg-dry	2	02/29/12 03:59 AM
Beryllium	ND		0.27	mg/Kg-dry	2	02/29/12 03:59 AM
Boron	4.1		2.7	mg/Kg-dry	2	02/29/12 03:59 AM
Cadmium	ND		0.27	mg/Kg-dry	2	02/29/12 03:59 AM
Calcium	1,600		68	mg/Kg-dry	2	02/29/12 03:59 AM
Chromium	6.1		0.68	mg/Kg-dry	2	02/29/12 03:59 AM
Cobalt	4.0		0.68	mg/Kg-dry	2	02/29/12 03:59 AM
Copper	2.7		0.68	mg/Kg-dry	2	02/29/12 03:59 AM
Iron	6,900		11	mg/Kg-dry	2	02/29/12 03:59 AM
Lead	7.8		0.68	mg/Kg-dry	2	02/29/12 03:59 AM
Magnesium	730		27	mg/Kg-dry	2	02/29/12 03:59 AM
Manganese	63		0.68	mg/Kg-dry	2	02/29/12 03:59 AM
Nickel	5.7		0.68	mg/Kg-dry	2	02/29/12 03:59 AM
Potassium	280		27	mg/Kg-dry	2	02/29/12 03:59 AM
Selenium	ND		0.68	mg/Kg-dry	2	02/29/12 03:59 AM
Silver	ND		0.68	mg/Kg-dry	2	02/29/12 03:59 AM
Sodium	35		27	mg/Kg-dry	2	02/29/12 03:59 AM
Thallium	ND		0.68	mg/Kg-dry	2	02/29/12 03:59 AM
Vanadium	13		0.68	mg/Kg-dry	2	02/29/12 03:59 AM
Zinc	25		1.4	mg/Kg-dry	2	02/29/12 03:59 AM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,1'-Biphenyl	ND		0.37	mg/Kg-dry	1	02/28/12 09:27 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
2,4-Dimethylphenol	ND		0.37	mg/Kg-dry	1	02/28/12 09:27 PM
2,4-Dinitrophenol	ND		0.73	mg/Kg-dry	1	02/28/12 09:27 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
2-Chloronaphthalene	ND		0.089	mg/Kg-dry	1	02/28/12 09:27 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
2-Methylnaphthalene	ND		0.089	mg/Kg-dry	1	02/28/12 09:27 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B09-S01-022112

Lab ID: 1202641-21

Collection Date: 02/21/12 09:25 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.73	mg/Kg-dry	1	02/28/12 09:27 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
3,3'-Dichlorobenzidine	ND		0.73	mg/Kg-dry	1	02/28/12 09:27 PM
3-Nitroaniline	ND		0.73	mg/Kg-dry	1	02/28/12 09:27 PM
4,6-Dinitro-2-methylphenol	ND		0.37	mg/Kg-dry	1	02/28/12 09:27 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
4-Chloroaniline	ND		0.73	mg/Kg-dry	1	02/28/12 09:27 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
4-Nitroaniline	ND		0.73	mg/Kg-dry	1	02/28/12 09:27 PM
4-Nitrophenol	ND		0.73	mg/Kg-dry	1	02/28/12 09:27 PM
Acenaphthene	ND		0.033	mg/Kg-dry	1	02/28/12 09:27 PM
Acenaphthylene	ND		0.033	mg/Kg-dry	1	02/28/12 09:27 PM
Acetophenone	ND		0.37	mg/Kg-dry	1	02/28/12 09:27 PM
Anthracene	ND		0.033	mg/Kg-dry	1	02/28/12 09:27 PM
Atrazine	ND		0.37	mg/Kg-dry	1	02/28/12 09:27 PM
Benzaldehyde	ND		0.37	mg/Kg-dry	1	02/28/12 09:27 PM
Benzo(a)anthracene	ND		0.033	mg/Kg-dry	1	02/28/12 09:27 PM
Benzo(a)pyrene	ND		0.033	mg/Kg-dry	1	02/28/12 09:27 PM
Benzo(b)fluoranthene	ND		0.033	mg/Kg-dry	1	02/28/12 09:27 PM
Benzo(g,h,i)perylene	ND		0.033	mg/Kg-dry	1	02/28/12 09:27 PM
Benzo(k)fluoranthene	ND		0.033	mg/Kg-dry	1	02/28/12 09:27 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
Bis(2-ethylhexyl)phthalate	ND		0.37	mg/Kg-dry	1	02/28/12 09:27 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
Caprolactam	ND		0.37	mg/Kg-dry	1	02/28/12 09:27 PM
Carbazole	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
Chrysene	ND		0.033	mg/Kg-dry	1	02/28/12 09:27 PM
Dibenzo(a,h)anthracene	ND		0.033	mg/Kg-dry	1	02/28/12 09:27 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
Diethyl phthalate	ND		0.37	mg/Kg-dry	1	02/28/12 09:27 PM
Dimethyl phthalate	ND		0.37	mg/Kg-dry	1	02/28/12 09:27 PM
Di-n-butyl phthalate	ND		0.37	mg/Kg-dry	1	02/28/12 09:27 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
Fluoranthene	ND		0.033	mg/Kg-dry	1	02/28/12 09:27 PM
Fluorene	ND		0.033	mg/Kg-dry	1	02/28/12 09:27 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B09-S01-022112

Lab ID: 1202641-21

Collection Date: 02/21/12 09:25 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
Hexachlorocyclopentadiene	ND		0.37	mg/Kg-dry	1	02/28/12 09:27 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
Indeno(1,2,3-cd)pyrene	ND		0.033	mg/Kg-dry	1	02/28/12 09:27 PM
Isophorone	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
Naphthalene	ND		0.033	mg/Kg-dry	1	02/28/12 09:27 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
Pentachlorophenol	ND		0.37	mg/Kg-dry	1	02/28/12 09:27 PM
Phenanthrene	ND		0.033	mg/Kg-dry	1	02/28/12 09:27 PM
Phenol	ND		0.18	mg/Kg-dry	1	02/28/12 09:27 PM
Pyrene	ND		0.033	mg/Kg-dry	1	02/28/12 09:27 PM
Surr: 2,4,6-Tribromophenol	93.8		34-140	%REC	1	02/28/12 09:27 PM
Surr: 2-Fluorobiphenyl	66.3		12-100	%REC	1	02/28/12 09:27 PM
Surr: 2-Fluorophenol	74.2		33-117	%REC	1	02/28/12 09:27 PM
Surr: 4-Terphenyl-d14	89.0		25-137	%REC	1	02/28/12 09:27 PM
Surr: Nitrobenzene-d5	61.6		37-107	%REC	1	02/28/12 09:27 PM
Surr: Phenol-d6	71.6		40-106	%REC	1	02/28/12 09:27 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: BG

1,1,1-Trichloroethane	ND		0.056	mg/Kg-dry	50	02/28/12 07:09 PM
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg-dry	50	02/28/12 07:09 PM
1,1,2-Trichloroethane	ND		0.11	mg/Kg-dry	50	02/28/12 07:09 PM
1,1,2-Trichlorotrifluoroethane	ND		0.056	mg/Kg-dry	50	02/28/12 07:09 PM
1,1-Dichloroethane	ND		0.056	mg/Kg-dry	50	02/28/12 07:09 PM
1,1-Dichloroethene	ND		0.056	mg/Kg-dry	50	02/28/12 07:09 PM
1,2,4-Trichlorobenzene	ND		0.056	mg/Kg-dry	50	02/28/12 07:09 PM
1,2-Dibromo-3-chloropropane	ND		0.11	mg/Kg-dry	50	02/28/12 07:09 PM
1,2-Dibromoethane	ND		0.085	mg/Kg-dry	50	02/28/12 07:09 PM
1,2-Dichlorobenzene	ND		0.056	mg/Kg-dry	50	02/28/12 07:09 PM
1,2-Dichloroethane	ND		0.056	mg/Kg-dry	50	02/28/12 07:09 PM
1,2-Dichloropropane	ND		0.20	mg/Kg-dry	50	02/28/12 07:09 PM
1,3-Dichlorobenzene	ND		0.056	mg/Kg-dry	50	02/28/12 07:09 PM
1,4-Dichlorobenzene	ND		0.056	mg/Kg-dry	50	02/28/12 07:09 PM
2-Butanone	ND		0.42	mg/Kg-dry	50	02/28/12 07:09 PM
2-Hexanone	ND		0.28	mg/Kg-dry	50	02/28/12 07:09 PM
4-Methyl-2-pentanone	ND		0.28	mg/Kg-dry	50	02/28/12 07:09 PM
Acetone	ND		0.25	mg/Kg-dry	50	02/28/12 07:09 PM
Benzene	ND		0.056	mg/Kg-dry	50	02/28/12 07:09 PM
Bromodichloromethane	ND		0.085	mg/Kg-dry	50	02/28/12 07:09 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B09-S01-022112

Lab ID: 1202641-21

Collection Date: 02/21/12 09:25 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.056	mg/Kg-dry	50	02/28/12 07:09 PM
Bromomethane	ND		0.085	mg/Kg-dry	50	02/28/12 07:09 PM
Carbon disulfide	ND		0.085	mg/Kg-dry	50	02/28/12 07:09 PM
Carbon tetrachloride	ND		0.056	mg/Kg-dry	50	02/28/12 07:09 PM
Chlorobenzene	ND		0.085	mg/Kg-dry	50	02/28/12 07:09 PM
Chloroethane	ND		0.17	mg/Kg-dry	50	02/28/12 07:09 PM
Chloroform	ND		0.056	mg/Kg-dry	50	02/28/12 07:09 PM
Chloromethane	ND		0.17	mg/Kg-dry	50	02/28/12 07:09 PM
cis-1,2-Dichloroethene	ND		0.11	mg/Kg-dry	50	02/28/12 07:09 PM
cis-1,3-Dichloropropene	ND		0.056	mg/Kg-dry	50	02/28/12 07:09 PM
Cyclohexane	ND		0.056	mg/Kg-dry	50	02/28/12 07:09 PM
Dibromochloromethane	ND		0.11	mg/Kg-dry	50	02/28/12 07:09 PM
Dichlorodifluoromethane	ND		0.056	mg/Kg-dry	50	02/28/12 07:09 PM
Ethylbenzene	ND		0.11	mg/Kg-dry	50	02/28/12 07:09 PM
Isopropylbenzene	ND		0.056	mg/Kg-dry	50	02/28/12 07:09 PM
Methyl acetate	ND		0.056	mg/Kg-dry	50	02/28/12 07:09 PM
Methyl tert-butyl ether	ND		0.085	mg/Kg-dry	50	02/28/12 07:09 PM
Methylcyclohexane	ND		1.1	mg/Kg-dry	50	02/28/12 07:09 PM
Methylene chloride	ND		0.11	mg/Kg-dry	50	02/28/12 07:09 PM
Styrene	ND		0.085	mg/Kg-dry	50	02/28/12 07:09 PM
Tetrachloroethene	ND		0.056	mg/Kg-dry	50	02/28/12 07:09 PM
Toluene	ND		0.085	mg/Kg-dry	50	02/28/12 07:09 PM
trans-1,2-Dichloroethene	ND		0.056	mg/Kg-dry	50	02/28/12 07:09 PM
trans-1,3-Dichloropropene	ND		0.085	mg/Kg-dry	50	02/28/12 07:09 PM
Trichloroethene	ND		0.056	mg/Kg-dry	50	02/28/12 07:09 PM
Trichlorofluoromethane	ND		0.056	mg/Kg-dry	50	02/28/12 07:09 PM
Vinyl chloride	ND		0.11	mg/Kg-dry	50	02/28/12 07:09 PM
Xylenes, Total	ND		0.17	mg/Kg-dry	50	02/28/12 07:09 PM
Surr: 1,2-Dichloroethane-d4	104		70-120	%REC	50	02/28/12 07:09 PM
Surr: 4-Bromofluorobenzene	100		75-120	%REC	50	02/28/12 07:09 PM
Surr: Dibromofluoromethane	93.0		85-115	%REC	50	02/28/12 07:09 PM
Surr: Toluene-d8	100		85-115	%REC	50	02/28/12 07:09 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/24/12	Analyst: MB
Chromium, Hexavalent	ND		0.55	mg/Kg-dry	1	02/27/12 04:00 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	11		0.050	% of sample	1	02/23/12 04:08 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B10-S01-022112

Lab ID: 1202641-22

Collection Date: 02/21/12 08:50 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/28/12	Analyst: JD
2,4,5-T	ND		0.0061	mg/Kg-dry	1	02/29/12 08:30 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/29/12 08:30 PM
2,4-D	ND		0.0061	mg/Kg-dry	1	02/29/12 08:30 PM
Surr: DCAA	79.8		30-150	%REC	1	02/29/12 08:30 PM
PCBS			SW8082		Prep Date: 02/27/12	Analyst: JD
Aroclor 1016	ND		0.049	mg/Kg-dry	1	02/28/12 08:27 PM
Aroclor 1221	ND		0.049	mg/Kg-dry	1	02/28/12 08:27 PM
Aroclor 1232	ND		0.049	mg/Kg-dry	1	02/28/12 08:27 PM
Aroclor 1242	ND		0.049	mg/Kg-dry	1	02/28/12 08:27 PM
Aroclor 1248	ND		0.049	mg/Kg-dry	1	02/28/12 08:27 PM
Aroclor 1254	ND		0.049	mg/Kg-dry	1	02/28/12 08:27 PM
Aroclor 1260	ND		0.049	mg/Kg-dry	1	02/28/12 08:27 PM
Surr: Decachlorobiphenyl	78.1		40-140	%REC	1	02/28/12 08:27 PM
PESTICIDES			SW8081		Prep Date: 02/27/12	Analyst: JD
4,4'-DDD	ND		0.012	mg/Kg-dry	1	03/01/12 09:31 PM
4,4'-DDE	ND		0.012	mg/Kg-dry	1	03/01/12 09:31 PM
4,4'-DDT	ND		0.012	mg/Kg-dry	1	03/01/12 09:31 PM
Aldrin	ND		0.012	mg/Kg-dry	1	03/01/12 09:31 PM
alpha-BHC	ND		0.012	mg/Kg-dry	1	03/01/12 09:31 PM
alpha-Chlordane	ND		0.012	mg/Kg-dry	1	03/01/12 09:31 PM
beta-BHC	ND		0.012	mg/Kg-dry	1	03/01/12 09:31 PM
Chlordane, Technical	ND		0.031	mg/Kg-dry	1	03/01/12 09:31 PM
delta-BHC	ND		0.012	mg/Kg-dry	1	03/01/12 09:31 PM
Dieldrin	ND		0.012	mg/Kg-dry	1	03/01/12 09:31 PM
Endosulfan I	ND		0.012	mg/Kg-dry	1	03/01/12 09:31 PM
Endosulfan II	ND		0.012	mg/Kg-dry	1	03/01/12 09:31 PM
Endosulfan sulfate	ND		0.012	mg/Kg-dry	1	03/01/12 09:31 PM
Endrin	ND		0.012	mg/Kg-dry	1	03/01/12 09:31 PM
Endrin aldehyde	ND		0.012	mg/Kg-dry	1	03/01/12 09:31 PM
Endrin ketone	ND		0.012	mg/Kg-dry	1	03/01/12 09:31 PM
gamma-BHC (Lindane)	ND		0.012	mg/Kg-dry	1	03/01/12 09:31 PM
gamma-Chlordane	ND		0.012	mg/Kg-dry	1	03/01/12 09:31 PM
Heptachlor	ND		0.012	mg/Kg-dry	1	03/01/12 09:31 PM
Heptachlor epoxide	ND		0.012	mg/Kg-dry	1	03/01/12 09:31 PM
Methoxychlor	ND		0.012	mg/Kg-dry	1	03/01/12 09:31 PM
Toxaphene	ND		0.074	mg/Kg-dry	1	03/01/12 09:31 PM
Surr: Decachlorobiphenyl	72.1		45-135	%REC	1	03/01/12 09:31 PM
Surr: Tetrachloro-m-xylene	71.1		45-124	%REC	1	03/01/12 09:31 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B10-S01-022112

Lab ID: 1202641-22

Collection Date: 02/21/12 08:50 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/27/12	Analyst: LR
Mercury	ND		0.023	mg/Kg-dry	1	02/28/12 05:34 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/26/12	Analyst: CES
Aluminum	4,700		15	mg/Kg-dry	20	03/01/12 12:25 PM
Antimony	ND		0.76	mg/Kg-dry	2	02/29/12 04:29 AM
Arsenic	1.6		0.76	mg/Kg-dry	2	02/29/12 05:32 PM
Barium	15		0.76	mg/Kg-dry	2	02/29/12 05:32 PM
Beryllium	ND		0.31	mg/Kg-dry	2	02/29/12 05:32 PM
Boron	ND		3.1	mg/Kg-dry	2	02/29/12 05:32 PM
Cadmium	ND		0.31	mg/Kg-dry	2	02/29/12 05:32 PM
Calcium	1,400		76	mg/Kg-dry	2	02/29/12 05:32 PM
Chromium	5.8		0.76	mg/Kg-dry	2	02/29/12 05:32 PM
Cobalt	2.4		0.76	mg/Kg-dry	2	02/29/12 04:29 AM
Copper	1.4		0.76	mg/Kg-dry	2	02/29/12 04:29 AM
Iron	7,000		12	mg/Kg-dry	2	02/29/12 04:29 AM
Lead	4.2		0.76	mg/Kg-dry	2	02/29/12 05:32 PM
Magnesium	780		31	mg/Kg-dry	2	02/29/12 05:32 PM
Manganese	64		0.76	mg/Kg-dry	2	02/29/12 04:29 AM
Nickel	4.1		0.76	mg/Kg-dry	2	02/29/12 04:29 AM
Potassium	280		31	mg/Kg-dry	2	02/29/12 05:32 PM
Selenium	ND		0.76	mg/Kg-dry	2	02/29/12 04:29 AM
Silver	ND		0.76	mg/Kg-dry	2	02/29/12 04:29 AM
Sodium	45		31	mg/Kg-dry	2	02/29/12 05:32 PM
Thallium	ND		0.76	mg/Kg-dry	2	02/29/12 05:32 PM
Vanadium	13		0.76	mg/Kg-dry	2	02/29/12 04:29 AM
Zinc	12		1.5	mg/Kg-dry	2	02/29/12 04:29 AM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,1'-Biphenyl	ND		0.40	mg/Kg-dry	1	02/28/12 09:54 PM
2,4,5-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
2,4,6-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
2,4-Dichlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
2,4-Dimethylphenol	ND		0.40	mg/Kg-dry	1	02/28/12 09:54 PM
2,4-Dinitrophenol	ND		0.80	mg/Kg-dry	1	02/28/12 09:54 PM
2,4-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
2,6-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
2-Chloronaphthalene	ND		0.097	mg/Kg-dry	1	02/28/12 09:54 PM
2-Chlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
2-Methylnaphthalene	ND		0.097	mg/Kg-dry	1	02/28/12 09:54 PM
2-Methylphenol	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B10-S01-022112

Lab ID: 1202641-22

Collection Date: 02/21/12 08:50 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.80	mg/Kg-dry	1	02/28/12 09:54 PM
2-Nitrophenol	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
3,3'-Dichlorobenzidine	ND		0.80	mg/Kg-dry	1	02/28/12 09:54 PM
3-Nitroaniline	ND		0.80	mg/Kg-dry	1	02/28/12 09:54 PM
4,6-Dinitro-2-methylphenol	ND		0.40	mg/Kg-dry	1	02/28/12 09:54 PM
4-Bromophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
4-Chloro-3-methylphenol	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
4-Chloroaniline	ND		0.80	mg/Kg-dry	1	02/28/12 09:54 PM
4-Chlorophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
4-Methylphenol	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
4-Nitroaniline	ND		0.80	mg/Kg-dry	1	02/28/12 09:54 PM
4-Nitrophenol	ND		0.80	mg/Kg-dry	1	02/28/12 09:54 PM
Acenaphthene	ND		0.036	mg/Kg-dry	1	02/28/12 09:54 PM
Acenaphthylene	ND		0.036	mg/Kg-dry	1	02/28/12 09:54 PM
Acetophenone	ND		0.40	mg/Kg-dry	1	02/28/12 09:54 PM
Anthracene	ND		0.036	mg/Kg-dry	1	02/28/12 09:54 PM
Atrazine	ND		0.40	mg/Kg-dry	1	02/28/12 09:54 PM
Benzaldehyde	ND		0.40	mg/Kg-dry	1	02/28/12 09:54 PM
Benzo(a)anthracene	ND		0.036	mg/Kg-dry	1	02/28/12 09:54 PM
Benzo(a)pyrene	ND		0.036	mg/Kg-dry	1	02/28/12 09:54 PM
Benzo(b)fluoranthene	ND		0.036	mg/Kg-dry	1	02/28/12 09:54 PM
Benzo(g,h,i)perylene	ND		0.036	mg/Kg-dry	1	02/28/12 09:54 PM
Benzo(k)fluoranthene	ND		0.036	mg/Kg-dry	1	02/28/12 09:54 PM
Bis(2-chloroethoxy)methane	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
Bis(2-chloroethyl)ether	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
Bis(2-chloroisopropyl)ether	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
Bis(2-ethylhexyl)phthalate	ND		0.40	mg/Kg-dry	1	02/28/12 09:54 PM
Butyl benzyl phthalate	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
Caprolactam	ND		0.40	mg/Kg-dry	1	02/28/12 09:54 PM
Carbazole	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
Chrysene	ND		0.036	mg/Kg-dry	1	02/28/12 09:54 PM
Dibenzo(a,h)anthracene	ND		0.036	mg/Kg-dry	1	02/28/12 09:54 PM
Dibenzofuran	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
Diethyl phthalate	ND		0.40	mg/Kg-dry	1	02/28/12 09:54 PM
Dimethyl phthalate	ND		0.40	mg/Kg-dry	1	02/28/12 09:54 PM
Di-n-butyl phthalate	ND		0.40	mg/Kg-dry	1	02/28/12 09:54 PM
Di-n-octyl phthalate	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
Fluoranthene	ND		0.036	mg/Kg-dry	1	02/28/12 09:54 PM
Fluorene	ND		0.036	mg/Kg-dry	1	02/28/12 09:54 PM
Hexachlorobenzene	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B10-S01-022112

Lab ID: 1202641-22

Collection Date: 02/21/12 08:50 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
Hexachlorocyclopentadiene	ND		0.40	mg/Kg-dry	1	02/28/12 09:54 PM
Hexachloroethane	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
Indeno(1,2,3-cd)pyrene	ND		0.036	mg/Kg-dry	1	02/28/12 09:54 PM
Isophorone	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
Naphthalene	ND		0.036	mg/Kg-dry	1	02/28/12 09:54 PM
Nitrobenzene	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
N-Nitrosodi-n-propylamine	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
N-Nitrosodiphenylamine	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
Pentachlorophenol	ND		0.40	mg/Kg-dry	1	02/28/12 09:54 PM
Phenanthrene	ND		0.036	mg/Kg-dry	1	02/28/12 09:54 PM
Phenol	ND		0.19	mg/Kg-dry	1	02/28/12 09:54 PM
Pyrene	ND		0.036	mg/Kg-dry	1	02/28/12 09:54 PM
Surr: 2,4,6-Tribromophenol	94.0		34-140	%REC	1	02/28/12 09:54 PM
Surr: 2-Fluorobiphenyl	72.7		12-100	%REC	1	02/28/12 09:54 PM
Surr: 2-Fluorophenol	79.1		33-117	%REC	1	02/28/12 09:54 PM
Surr: 4-Terphenyl-d14	89.7		25-137	%REC	1	02/28/12 09:54 PM
Surr: Nitrobenzene-d5	66.6		37-107	%REC	1	02/28/12 09:54 PM
Surr: Phenol-d6	76.7		40-106	%REC	1	02/28/12 09:54 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: BG

1,1,1-Trichloroethane	ND		0.061	mg/Kg-dry	50	02/28/12 07:33 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/28/12 07:33 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/28/12 07:33 PM
1,1,2-Trichlorotrifluoroethane	ND		0.061	mg/Kg-dry	50	02/28/12 07:33 PM
1,1-Dichloroethane	ND		0.061	mg/Kg-dry	50	02/28/12 07:33 PM
1,1-Dichloroethene	ND		0.061	mg/Kg-dry	50	02/28/12 07:33 PM
1,2,4-Trichlorobenzene	ND		0.061	mg/Kg-dry	50	02/28/12 07:33 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/28/12 07:33 PM
1,2-Dibromoethane	ND		0.092	mg/Kg-dry	50	02/28/12 07:33 PM
1,2-Dichlorobenzene	ND		0.061	mg/Kg-dry	50	02/28/12 07:33 PM
1,2-Dichloroethane	ND		0.061	mg/Kg-dry	50	02/28/12 07:33 PM
1,2-Dichloropropane	ND		0.21	mg/Kg-dry	50	02/28/12 07:33 PM
1,3-Dichlorobenzene	ND		0.061	mg/Kg-dry	50	02/28/12 07:33 PM
1,4-Dichlorobenzene	ND		0.061	mg/Kg-dry	50	02/28/12 07:33 PM
2-Butanone	ND		0.46	mg/Kg-dry	50	02/28/12 07:33 PM
2-Hexanone	ND		0.31	mg/Kg-dry	50	02/28/12 07:33 PM
4-Methyl-2-pentanone	ND		0.31	mg/Kg-dry	50	02/28/12 07:33 PM
Acetone	ND		0.28	mg/Kg-dry	50	02/28/12 07:33 PM
Benzene	ND		0.061	mg/Kg-dry	50	02/28/12 07:33 PM
Bromodichloromethane	ND		0.092	mg/Kg-dry	50	02/28/12 07:33 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B10-S01-022112

Lab ID: 1202641-22

Collection Date: 02/21/12 08:50 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.061	mg/Kg-dry	50	02/28/12 07:33 PM
Bromomethane	ND		0.092	mg/Kg-dry	50	02/28/12 07:33 PM
Carbon disulfide	ND		0.092	mg/Kg-dry	50	02/28/12 07:33 PM
Carbon tetrachloride	ND		0.061	mg/Kg-dry	50	02/28/12 07:33 PM
Chlorobenzene	ND		0.092	mg/Kg-dry	50	02/28/12 07:33 PM
Chloroethane	ND		0.18	mg/Kg-dry	50	02/28/12 07:33 PM
Chloroform	ND		0.061	mg/Kg-dry	50	02/28/12 07:33 PM
Chloromethane	ND		0.18	mg/Kg-dry	50	02/28/12 07:33 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/28/12 07:33 PM
cis-1,3-Dichloropropene	ND		0.061	mg/Kg-dry	50	02/28/12 07:33 PM
Cyclohexane	ND		0.061	mg/Kg-dry	50	02/28/12 07:33 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/28/12 07:33 PM
Dichlorodifluoromethane	ND		0.061	mg/Kg-dry	50	02/28/12 07:33 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/28/12 07:33 PM
Isopropylbenzene	ND		0.061	mg/Kg-dry	50	02/28/12 07:33 PM
Methyl acetate	ND		0.061	mg/Kg-dry	50	02/28/12 07:33 PM
Methyl tert-butyl ether	ND		0.092	mg/Kg-dry	50	02/28/12 07:33 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/28/12 07:33 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/28/12 07:33 PM
Styrene	ND		0.092	mg/Kg-dry	50	02/28/12 07:33 PM
Tetrachloroethene	ND		0.061	mg/Kg-dry	50	02/28/12 07:33 PM
Toluene	ND		0.092	mg/Kg-dry	50	02/28/12 07:33 PM
trans-1,2-Dichloroethene	ND		0.061	mg/Kg-dry	50	02/28/12 07:33 PM
trans-1,3-Dichloropropene	ND		0.092	mg/Kg-dry	50	02/28/12 07:33 PM
Trichloroethene	ND		0.061	mg/Kg-dry	50	02/28/12 07:33 PM
Trichlorofluoromethane	ND		0.061	mg/Kg-dry	50	02/28/12 07:33 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/28/12 07:33 PM
Xylenes, Total	ND		0.18	mg/Kg-dry	50	02/28/12 07:33 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	103		70-120	%REC	50	02/28/12 07:33 PM
<i>Surr: 4-Bromofluorobenzene</i>	99.6		75-120	%REC	50	02/28/12 07:33 PM
<i>Surr: Dibromofluoromethane</i>	93.3		85-115	%REC	50	02/28/12 07:33 PM
<i>Surr: Toluene-d8</i>	102		85-115	%REC	50	02/28/12 07:33 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/24/12	Analyst: MB
Chromium, Hexavalent	ND		0.60	mg/Kg-dry	1	02/27/12 04:00 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	18		0.050	% of sample	1	02/23/12 04:08 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GC-B03-S01-022112

Lab ID: 1202641-23

Collection Date: 02/21/12 02:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/28/12	Analyst: JD
2,4,5-T	ND		0.0056	mg/Kg-dry	1	02/29/12 08:39 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/29/12 08:39 PM
2,4-D	ND		0.0056	mg/Kg-dry	1	02/29/12 08:39 PM
Surr: DCAA	98.6		30-150	%REC	1	02/29/12 08:39 PM
PCBS			SW8082		Prep Date: 02/27/12	Analyst: JD
Aroclor 1016	ND		0.044	mg/Kg-dry	1	02/28/12 08:47 PM
Aroclor 1221	ND		0.044	mg/Kg-dry	1	02/28/12 08:47 PM
Aroclor 1232	ND		0.044	mg/Kg-dry	1	02/28/12 08:47 PM
Aroclor 1242	ND		0.044	mg/Kg-dry	1	02/28/12 08:47 PM
Aroclor 1248	ND		0.044	mg/Kg-dry	1	02/28/12 08:47 PM
Aroclor 1254	0.13		0.044	mg/Kg-dry	1	02/28/12 08:47 PM
Aroclor 1260	ND		0.044	mg/Kg-dry	1	02/28/12 08:47 PM
Surr: Decachlorobiphenyl	85.1		40-140	%REC	1	02/28/12 08:47 PM
PESTICIDES			SW8081		Prep Date: 02/27/12	Analyst: JD
4,4'-DDD	ND		0.55	mg/Kg-dry	50	03/01/12 09:46 PM
4,4'-DDE	ND		0.55	mg/Kg-dry	50	03/01/12 09:46 PM
4,4'-DDT	ND		0.55	mg/Kg-dry	50	03/01/12 09:46 PM
Aldrin	ND		0.55	mg/Kg-dry	50	03/01/12 09:46 PM
alpha-BHC	ND		0.55	mg/Kg-dry	50	03/01/12 09:46 PM
alpha-Chlordane	ND		0.55	mg/Kg-dry	50	03/01/12 09:46 PM
beta-BHC	ND		0.55	mg/Kg-dry	50	03/01/12 09:46 PM
Chlordane, Technical	ND		1.4	mg/Kg-dry	50	03/01/12 09:46 PM
delta-BHC	ND		0.55	mg/Kg-dry	50	03/01/12 09:46 PM
Dieldrin	ND		0.55	mg/Kg-dry	50	03/01/12 09:46 PM
Endosulfan I	ND		0.55	mg/Kg-dry	50	03/01/12 09:46 PM
Endosulfan II	ND		0.55	mg/Kg-dry	50	03/01/12 09:46 PM
Endosulfan sulfate	ND		0.55	mg/Kg-dry	50	03/01/12 09:46 PM
Endrin	ND		0.55	mg/Kg-dry	50	03/01/12 09:46 PM
Endrin aldehyde	ND		0.55	mg/Kg-dry	50	03/01/12 09:46 PM
Endrin ketone	ND		0.55	mg/Kg-dry	50	03/01/12 09:46 PM
gamma-BHC (Lindane)	ND		0.55	mg/Kg-dry	50	03/01/12 09:46 PM
gamma-Chlordane	ND		0.55	mg/Kg-dry	50	03/01/12 09:46 PM
Heptachlor	ND		0.55	mg/Kg-dry	50	03/01/12 09:46 PM
Heptachlor epoxide	ND		0.55	mg/Kg-dry	50	03/01/12 09:46 PM
Methoxychlor	ND		0.55	mg/Kg-dry	50	03/01/12 09:46 PM
Toxaphene	ND		3.3	mg/Kg-dry	50	03/01/12 09:46 PM
Surr: Decachlorobiphenyl	100		45-135	%REC	50	03/01/12 09:46 PM
Surr: Tetrachloro-m-xylene	100		45-124	%REC	50	03/01/12 09:46 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GC-B03-S01-022112

Lab ID: 1202641-23

Collection Date: 02/21/12 02:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/27/12	Analyst: LR
Mercury	0.031		0.021	mg/Kg-dry	1	02/28/12 05:37 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/26/12	Analyst: RH
Aluminum	11,000		18	mg/Kg-dry	20	03/01/12 06:10 AM
Antimony	ND		0.90	mg/Kg-dry	2	02/29/12 04:35 AM
Arsenic	6.3		0.90	mg/Kg-dry	2	02/29/12 05:44 PM
Barium	100		0.90	mg/Kg-dry	2	02/29/12 05:44 PM
Beryllium	0.44		0.36	mg/Kg-dry	2	02/29/12 05:44 PM
Boron	13		3.6	mg/Kg-dry	2	02/29/12 05:44 PM
Cadmium	1.5		0.36	mg/Kg-dry	2	02/29/12 05:44 PM
Calcium	70,000		900	mg/Kg-dry	20	02/29/12 05:38 PM
Chromium	15		0.90	mg/Kg-dry	2	02/29/12 05:44 PM
Cobalt	8.6		0.90	mg/Kg-dry	2	02/29/12 04:35 AM
Copper	15		0.90	mg/Kg-dry	2	02/29/12 04:35 AM
Iron	21,000		14	mg/Kg-dry	2	02/29/12 04:35 AM
Lead	24		0.90	mg/Kg-dry	2	02/29/12 05:44 PM
Magnesium	18,000		36	mg/Kg-dry	2	02/29/12 05:44 PM
Manganese	610		9.0	mg/Kg-dry	20	02/29/12 05:38 PM
Nickel	22		0.90	mg/Kg-dry	2	02/29/12 04:35 AM
Potassium	2,500		36	mg/Kg-dry	2	02/29/12 05:44 PM
Selenium	1.1		0.90	mg/Kg-dry	2	02/29/12 04:35 AM
Silver	ND		0.90	mg/Kg-dry	2	02/29/12 04:35 AM
Sodium	220		36	mg/Kg-dry	2	02/29/12 05:44 PM
Thallium	ND		0.90	mg/Kg-dry	2	02/29/12 05:44 PM
Vanadium	25		0.90	mg/Kg-dry	2	02/29/12 04:35 AM
Zinc	63		1.8	mg/Kg-dry	2	02/29/12 04:35 AM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/27/12	Analyst: CW
1,1'-Biphenyl	ND		19	mg/Kg-dry	50	02/29/12 12:47 PM
2,4,5-Trichlorophenol	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
2,4,6-Trichlorophenol	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
2,4-Dichlorophenol	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
2,4-Dimethylphenol	ND		19	mg/Kg-dry	50	02/29/12 12:47 PM
2,4-Dinitrophenol	ND		38	mg/Kg-dry	50	02/29/12 12:47 PM
2,4-Dinitrotoluene	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
2,6-Dinitrotoluene	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
2-Chloronaphthalene	ND		4.6	mg/Kg-dry	50	02/29/12 12:47 PM
2-Chlorophenol	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
2-Methylnaphthalene	ND		4.6	mg/Kg-dry	50	02/29/12 12:47 PM
2-Methylphenol	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GC-B03-S01-022112

Lab ID: 1202641-23

Collection Date: 02/21/12 02:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		38	mg/Kg-dry	50	02/29/12 12:47 PM
2-Nitrophenol	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
3,3'-Dichlorobenzidine	ND		38	mg/Kg-dry	50	02/29/12 12:47 PM
3-Nitroaniline	ND		38	mg/Kg-dry	50	02/29/12 12:47 PM
4,6-Dinitro-2-methylphenol	ND		19	mg/Kg-dry	50	02/29/12 12:47 PM
4-Bromophenyl phenyl ether	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
4-Chloro-3-methylphenol	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
4-Chloroaniline	ND		38	mg/Kg-dry	50	02/29/12 12:47 PM
4-Chlorophenyl phenyl ether	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
4-Methylphenol	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
4-Nitroaniline	ND		38	mg/Kg-dry	50	02/29/12 12:47 PM
4-Nitrophenol	ND		38	mg/Kg-dry	50	02/29/12 12:47 PM
Acenaphthene	ND		1.7	mg/Kg-dry	50	02/29/12 12:47 PM
Acenaphthylene	ND		1.7	mg/Kg-dry	50	02/29/12 12:47 PM
Acetophenone	ND		19	mg/Kg-dry	50	02/29/12 12:47 PM
Anthracene	ND		1.7	mg/Kg-dry	50	02/29/12 12:47 PM
Atrazine	ND		19	mg/Kg-dry	50	02/29/12 12:47 PM
Benzaldehyde	ND		19	mg/Kg-dry	50	02/29/12 12:47 PM
Benzo(a)anthracene	ND		1.7	mg/Kg-dry	50	02/29/12 12:47 PM
Benzo(a)pyrene	ND		1.7	mg/Kg-dry	50	02/29/12 12:47 PM
Benzo(b)fluoranthene	ND		1.7	mg/Kg-dry	50	02/29/12 12:47 PM
Benzo(g,h,i)perylene	ND		1.7	mg/Kg-dry	50	02/29/12 12:47 PM
Benzo(k)fluoranthene	ND		1.7	mg/Kg-dry	50	02/29/12 12:47 PM
Bis(2-chloroethoxy)methane	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
Bis(2-chloroethyl)ether	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
Bis(2-chloroisopropyl)ether	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
Bis(2-ethylhexyl)phthalate	ND		19	mg/Kg-dry	50	02/29/12 12:47 PM
Butyl benzyl phthalate	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
Caprolactam	ND		19	mg/Kg-dry	50	02/29/12 12:47 PM
Carbazole	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
Chrysene	ND		1.7	mg/Kg-dry	50	02/29/12 12:47 PM
Dibenzo(a,h)anthracene	ND		1.7	mg/Kg-dry	50	02/29/12 12:47 PM
Dibenzofuran	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
Diethyl phthalate	ND		19	mg/Kg-dry	50	02/29/12 12:47 PM
Dimethyl phthalate	ND		19	mg/Kg-dry	50	02/29/12 12:47 PM
Di-n-butyl phthalate	ND		19	mg/Kg-dry	50	02/29/12 12:47 PM
Di-n-octyl phthalate	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
Fluoranthene	ND		1.7	mg/Kg-dry	50	02/29/12 12:47 PM
Fluorene	ND		1.7	mg/Kg-dry	50	02/29/12 12:47 PM
Hexachlorobenzene	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GC-B03-S01-022112

Lab ID: 1202641-23

Collection Date: 02/21/12 02:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
Hexachlorocyclopentadiene	ND		19	mg/Kg-dry	50	02/29/12 12:47 PM
Hexachloroethane	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
Indeno(1,2,3-cd)pyrene	ND		1.7	mg/Kg-dry	50	02/29/12 12:47 PM
Isophorone	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
Naphthalene	ND		1.7	mg/Kg-dry	50	02/29/12 12:47 PM
Nitrobenzene	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
N-Nitrosodi-n-propylamine	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
N-Nitrosodiphenylamine	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
Pentachlorophenol	ND		19	mg/Kg-dry	50	02/29/12 12:47 PM
Phenanthrene	ND		1.7	mg/Kg-dry	50	02/29/12 12:47 PM
Phenol	ND		9.2	mg/Kg-dry	50	02/29/12 12:47 PM
Pyrene	ND		1.7	mg/Kg-dry	50	02/29/12 12:47 PM
Surr: 2,4,6-Tribromophenol	119		34-140	%REC	50	02/29/12 12:47 PM
Surr: 2-Fluorobiphenyl	64.0		12-100	%REC	50	02/29/12 12:47 PM
Surr: 2-Fluorophenol	63.0		33-117	%REC	50	02/29/12 12:47 PM
Surr: 4-Terphenyl-d14	108		25-137	%REC	50	02/29/12 12:47 PM
Surr: Nitrobenzene-d5	53.0		37-107	%REC	50	02/29/12 12:47 PM
Surr: Phenol-d6	66.0		40-106	%REC	50	02/29/12 12:47 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: BG

1,1,1-Trichloroethane	ND		0.058	mg/Kg-dry	50	02/29/12 06:50 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	02/29/12 06:50 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	02/29/12 06:50 PM
1,1,2-Trichlorotrifluoroethane	ND		0.058	mg/Kg-dry	50	02/29/12 06:50 PM
1,1-Dichloroethane	ND		0.058	mg/Kg-dry	50	02/29/12 06:50 PM
1,1-Dichloroethene	ND		0.058	mg/Kg-dry	50	02/29/12 06:50 PM
1,2,4-Trichlorobenzene	ND		0.058	mg/Kg-dry	50	02/29/12 06:50 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	02/29/12 06:50 PM
1,2-Dibromoethane	ND		0.087	mg/Kg-dry	50	02/29/12 06:50 PM
1,2-Dichlorobenzene	ND		0.058	mg/Kg-dry	50	02/29/12 06:50 PM
1,2-Dichloroethane	ND		0.058	mg/Kg-dry	50	02/29/12 06:50 PM
1,2-Dichloropropane	ND		0.20	mg/Kg-dry	50	02/29/12 06:50 PM
1,3-Dichlorobenzene	ND		0.058	mg/Kg-dry	50	02/29/12 06:50 PM
1,4-Dichlorobenzene	ND		0.058	mg/Kg-dry	50	02/29/12 06:50 PM
2-Butanone	ND		0.44	mg/Kg-dry	50	02/29/12 06:50 PM
2-Hexanone	ND		0.29	mg/Kg-dry	50	02/29/12 06:50 PM
4-Methyl-2-pentanone	ND		0.29	mg/Kg-dry	50	02/29/12 06:50 PM
Acetone	ND		0.26	mg/Kg-dry	50	02/29/12 06:50 PM
Benzene	ND		0.058	mg/Kg-dry	50	02/29/12 06:50 PM
Bromodichloromethane	ND		0.087	mg/Kg-dry	50	02/29/12 06:50 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GC-B03-S01-022112

Lab ID: 1202641-23

Collection Date: 02/21/12 02:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.058	mg/Kg-dry	50	02/29/12 06:50 PM
Bromomethane	ND		0.087	mg/Kg-dry	50	02/29/12 06:50 PM
Carbon disulfide	ND		0.087	mg/Kg-dry	50	02/29/12 06:50 PM
Carbon tetrachloride	ND		0.058	mg/Kg-dry	50	02/29/12 06:50 PM
Chlorobenzene	ND		0.087	mg/Kg-dry	50	02/29/12 06:50 PM
Chloroethane	ND		0.17	mg/Kg-dry	50	02/29/12 06:50 PM
Chloroform	ND		0.058	mg/Kg-dry	50	02/29/12 03:23 AM
Chloromethane	ND		0.17	mg/Kg-dry	50	02/29/12 06:50 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	02/29/12 06:50 PM
cis-1,3-Dichloropropene	ND		0.058	mg/Kg-dry	50	02/29/12 06:50 PM
Cyclohexane	ND		0.058	mg/Kg-dry	50	02/29/12 06:50 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	02/29/12 06:50 PM
Dichlorodifluoromethane	ND		0.058	mg/Kg-dry	50	02/29/12 06:50 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	02/29/12 06:50 PM
Isopropylbenzene	ND		0.058	mg/Kg-dry	50	02/29/12 06:50 PM
Methyl acetate	ND		0.058	mg/Kg-dry	50	02/29/12 03:23 AM
Methyl tert-butyl ether	ND		0.087	mg/Kg-dry	50	02/29/12 06:50 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	02/29/12 06:50 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	02/29/12 06:50 PM
Styrene	ND		0.087	mg/Kg-dry	50	02/29/12 06:50 PM
Tetrachloroethene	ND		0.058	mg/Kg-dry	50	02/29/12 06:50 PM
Toluene	ND		0.087	mg/Kg-dry	50	02/29/12 06:50 PM
trans-1,2-Dichloroethene	ND		0.058	mg/Kg-dry	50	02/29/12 06:50 PM
trans-1,3-Dichloropropene	ND		0.087	mg/Kg-dry	50	02/29/12 06:50 PM
Trichloroethene	ND		0.058	mg/Kg-dry	50	02/29/12 06:50 PM
Trichlorofluoromethane	ND		0.058	mg/Kg-dry	50	02/29/12 06:50 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	02/29/12 06:50 PM
Xylenes, Total	ND		0.17	mg/Kg-dry	50	02/29/12 06:50 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	88.4		70-120	%REC	50	02/29/12 06:50 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	104		70-120	%REC	50	02/29/12 03:23 AM
<i>Surr: 4-Bromofluorobenzene</i>	99.3		75-120	%REC	50	02/29/12 06:50 PM
<i>Surr: 4-Bromofluorobenzene</i>	98.8		75-120	%REC	50	02/29/12 03:23 AM
<i>Surr: Dibromofluoromethane</i>	91.5		85-115	%REC	50	02/29/12 06:50 PM
<i>Surr: Dibromofluoromethane</i>	94.4		85-115	%REC	50	02/29/12 03:23 AM
<i>Surr: Toluene-d8</i>	100		85-115	%REC	50	02/29/12 03:23 AM
<i>Surr: Toluene-d8</i>	97.2		85-115	%REC	50	02/29/12 06:50 PM

CHROMIUM, HEXAVALENT

Chromium, Hexavalent

ND

SW7196A

0.57 mg/Kg-dry

Prep Date: **02/24/12**

1

Analyst: **MB**

02/27/12 04:00 PM

MOISTURE

A2540 G

Analyst: **CG**

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GC-B03-S01-022112

Lab ID: 1202641-23

Collection Date: 02/21/12 02:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Moisture	14		0.050	% of sample	1	02/23/12 04:08 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GC-B04-S01-022112

Lab ID: 1202641-24

Collection Date: 02/21/12 03:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 02/28/12	Analyst: JD
2,4,5-T	ND		0.0056	mg/Kg-dry	1	02/29/12 08:48 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/29/12 08:48 PM
2,4-D	ND		0.0056	mg/Kg-dry	1	02/29/12 08:48 PM
Surr: DCAA	79.6		30-150	%REC	1	02/29/12 08:48 PM
PCBS			SW8082		Prep Date: 02/27/12	Analyst: JD
Aroclor 1016	ND		0.044	mg/Kg-dry	1	02/28/12 09:07 PM
Aroclor 1221	ND		0.044	mg/Kg-dry	1	02/28/12 09:07 PM
Aroclor 1232	ND		0.044	mg/Kg-dry	1	02/28/12 09:07 PM
Aroclor 1242	ND		0.044	mg/Kg-dry	1	02/28/12 09:07 PM
Aroclor 1248	ND		0.044	mg/Kg-dry	1	02/28/12 09:07 PM
Aroclor 1254	ND		0.044	mg/Kg-dry	1	02/28/12 09:07 PM
Aroclor 1260	ND		0.044	mg/Kg-dry	1	02/28/12 09:07 PM
Surr: Decachlorobiphenyl	68.1		40-140	%REC	1	02/28/12 09:07 PM
PESTICIDES			SW8081		Prep Date: 02/27/12	Analyst: JD
4,4'-DDD	ND		0.011	mg/Kg-dry	1	03/01/12 10:01 PM
4,4'-DDE	ND		0.011	mg/Kg-dry	1	03/01/12 10:01 PM
4,4'-DDT	ND		0.011	mg/Kg-dry	1	03/01/12 10:01 PM
Aldrin	ND		0.011	mg/Kg-dry	1	03/01/12 10:01 PM
alpha-BHC	ND		0.011	mg/Kg-dry	1	03/01/12 10:01 PM
alpha-Chlordane	ND		0.011	mg/Kg-dry	1	03/01/12 10:01 PM
beta-BHC	ND		0.011	mg/Kg-dry	1	03/01/12 10:01 PM
Chlordane, Technical	ND		0.027	mg/Kg-dry	1	03/01/12 10:01 PM
delta-BHC	ND		0.011	mg/Kg-dry	1	03/01/12 10:01 PM
Dieldrin	ND		0.011	mg/Kg-dry	1	03/01/12 10:01 PM
Endosulfan I	ND		0.011	mg/Kg-dry	1	03/01/12 10:01 PM
Endosulfan II	ND		0.011	mg/Kg-dry	1	03/01/12 10:01 PM
Endosulfan sulfate	ND		0.011	mg/Kg-dry	1	03/01/12 10:01 PM
Endrin	ND		0.011	mg/Kg-dry	1	03/01/12 10:01 PM
Endrin aldehyde	ND		0.011	mg/Kg-dry	1	03/01/12 10:01 PM
Endrin ketone	ND		0.011	mg/Kg-dry	1	03/01/12 10:01 PM
gamma-BHC (Lindane)	ND		0.011	mg/Kg-dry	1	03/01/12 10:01 PM
gamma-Chlordane	ND		0.011	mg/Kg-dry	1	03/01/12 10:01 PM
Heptachlor	ND		0.011	mg/Kg-dry	1	03/01/12 10:01 PM
Heptachlor epoxide	ND		0.011	mg/Kg-dry	1	03/01/12 10:01 PM
Methoxychlor	ND		0.011	mg/Kg-dry	1	03/01/12 10:01 PM
Toxaphene	ND		0.066	mg/Kg-dry	1	03/01/12 10:01 PM
Surr: Decachlorobiphenyl	70.1		45-135	%REC	1	03/01/12 10:01 PM
Surr: Tetrachloro-m-xylene	70.1		45-124	%REC	1	03/01/12 10:01 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GC-B04-S01-022112

Lab ID: 1202641-24

Collection Date: 02/21/12 03:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/27/12	Analyst: LR
Mercury	0.028		0.020	mg/Kg-dry	1	02/28/12 05:39 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/26/12	Analyst: RH
Aluminum	6,800		16	mg/Kg-dry	20	03/01/12 06:16 AM
Antimony	ND		0.78	mg/Kg-dry	2	02/29/12 04:41 AM
Arsenic	7.7		0.78	mg/Kg-dry	2	02/29/12 05:56 PM
Barium	74		0.78	mg/Kg-dry	2	02/29/12 05:56 PM
Beryllium	ND		0.31	mg/Kg-dry	2	02/29/12 05:56 PM
Boron	3.5		3.1	mg/Kg-dry	2	02/29/12 05:56 PM
Cadmium	ND		0.31	mg/Kg-dry	2	02/29/12 05:56 PM
Calcium	60,000		780	mg/Kg-dry	20	02/29/12 05:50 PM
Chromium	11		0.78	mg/Kg-dry	2	02/29/12 05:56 PM
Cobalt	5.2		0.78	mg/Kg-dry	2	02/29/12 04:41 AM
Copper	8.7		0.78	mg/Kg-dry	2	02/29/12 04:41 AM
Iron	15,000		12	mg/Kg-dry	2	02/29/12 04:41 AM
Lead	8.5		0.78	mg/Kg-dry	2	02/29/12 05:56 PM
Magnesium	26,000		31	mg/Kg-dry	2	02/29/12 05:56 PM
Manganese	520		7.8	mg/Kg-dry	20	02/29/12 05:50 PM
Nickel	14		0.78	mg/Kg-dry	2	02/29/12 04:41 AM
Potassium	640		31	mg/Kg-dry	2	02/29/12 05:56 PM
Selenium	0.87		0.78	mg/Kg-dry	2	02/29/12 04:41 AM
Silver	ND		0.78	mg/Kg-dry	2	02/29/12 04:41 AM
Sodium	83		31	mg/Kg-dry	2	02/29/12 05:56 PM
Thallium	ND		0.78	mg/Kg-dry	2	02/29/12 05:56 PM
Vanadium	24		0.78	mg/Kg-dry	2	02/29/12 04:41 AM
Zinc	30		1.6	mg/Kg-dry	2	02/29/12 04:41 AM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,1'-Biphenyl	ND		0.38	mg/Kg-dry	1	02/28/12 10:21 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
2,4-Dimethylphenol	ND		0.38	mg/Kg-dry	1	02/28/12 10:21 PM
2,4-Dinitrophenol	ND		0.75	mg/Kg-dry	1	02/28/12 10:21 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
2-Chloronaphthalene	ND		0.091	mg/Kg-dry	1	02/28/12 10:21 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
2-Methylnaphthalene	ND		0.091	mg/Kg-dry	1	02/28/12 10:21 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GC-B04-S01-022112

Lab ID: 1202641-24

Collection Date: 02/21/12 03:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.75	mg/Kg-dry	1	02/28/12 10:21 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
3,3'-Dichlorobenzidine	ND		0.75	mg/Kg-dry	1	02/28/12 10:21 PM
3-Nitroaniline	ND		0.75	mg/Kg-dry	1	02/28/12 10:21 PM
4,6-Dinitro-2-methylphenol	ND		0.38	mg/Kg-dry	1	02/28/12 10:21 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
4-Chloroaniline	ND		0.75	mg/Kg-dry	1	02/28/12 10:21 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
4-Nitroaniline	ND		0.75	mg/Kg-dry	1	02/28/12 10:21 PM
4-Nitrophenol	ND		0.75	mg/Kg-dry	1	02/28/12 10:21 PM
Acenaphthene	ND		0.034	mg/Kg-dry	1	02/28/12 10:21 PM
Acenaphthylene	ND		0.034	mg/Kg-dry	1	02/28/12 10:21 PM
Acetophenone	ND		0.38	mg/Kg-dry	1	02/28/12 10:21 PM
Anthracene	ND		0.034	mg/Kg-dry	1	02/28/12 10:21 PM
Atrazine	ND		0.38	mg/Kg-dry	1	02/28/12 10:21 PM
Benzaldehyde	ND		0.38	mg/Kg-dry	1	02/28/12 10:21 PM
Benzo(a)anthracene	ND		0.034	mg/Kg-dry	1	02/28/12 10:21 PM
Benzo(a)pyrene	ND		0.034	mg/Kg-dry	1	02/28/12 10:21 PM
Benzo(b)fluoranthene	ND		0.034	mg/Kg-dry	1	02/28/12 10:21 PM
Benzo(g,h,i)perylene	ND		0.034	mg/Kg-dry	1	02/28/12 10:21 PM
Benzo(k)fluoranthene	ND		0.034	mg/Kg-dry	1	02/28/12 10:21 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
Bis(2-ethylhexyl)phthalate	1.0		0.38	mg/Kg-dry	1	02/28/12 10:21 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
Caprolactam	ND		0.38	mg/Kg-dry	1	02/28/12 10:21 PM
Carbazole	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
Chrysene	ND		0.034	mg/Kg-dry	1	02/28/12 10:21 PM
Dibenzo(a,h)anthracene	ND		0.034	mg/Kg-dry	1	02/28/12 10:21 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
Diethyl phthalate	ND		0.38	mg/Kg-dry	1	02/28/12 10:21 PM
Dimethyl phthalate	ND		0.38	mg/Kg-dry	1	02/28/12 10:21 PM
Di-n-butyl phthalate	0.49		0.38	mg/Kg-dry	1	02/28/12 10:21 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
Fluoranthene	ND		0.034	mg/Kg-dry	1	02/28/12 10:21 PM
Fluorene	ND		0.034	mg/Kg-dry	1	02/28/12 10:21 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GC-B04-S01-022112

Lab ID: 1202641-24

Collection Date: 02/21/12 03:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
Hexachlorocyclopentadiene	ND		0.38	mg/Kg-dry	1	02/28/12 10:21 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
Indeno(1,2,3-cd)pyrene	ND		0.034	mg/Kg-dry	1	02/28/12 10:21 PM
Isophorone	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
Naphthalene	ND		0.034	mg/Kg-dry	1	02/28/12 10:21 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
Pentachlorophenol	ND		0.38	mg/Kg-dry	1	02/28/12 10:21 PM
Phenanthrene	ND		0.034	mg/Kg-dry	1	02/28/12 10:21 PM
Phenol	ND		0.18	mg/Kg-dry	1	02/28/12 10:21 PM
Pyrene	ND		0.034	mg/Kg-dry	1	02/28/12 10:21 PM
Surr: 2,4,6-Tribromophenol	88.4		34-140	%REC	1	02/28/12 10:21 PM
Surr: 2-Fluorobiphenyl	62.8		12-100	%REC	1	02/28/12 10:21 PM
Surr: 2-Fluorophenol	66.7		33-117	%REC	1	02/28/12 10:21 PM
Surr: 4-Terphenyl-d14	86.0		25-137	%REC	1	02/28/12 10:21 PM
Surr: Nitrobenzene-d5	55.1		37-107	%REC	1	02/28/12 10:21 PM
Surr: Phenol-d6	68.0		40-106	%REC	1	02/28/12 10:21 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: BG

1,1,1-Trichloroethane	ND		0.057	mg/Kg-dry	50	02/29/12 07:15 PM
1,1,2,2-Tetrachloroethane	ND		0.11	mg/Kg-dry	50	02/29/12 07:15 PM
1,1,2-Trichloroethane	ND		0.11	mg/Kg-dry	50	02/29/12 07:15 PM
1,1,2-Trichlorotrifluoroethane	ND		0.057	mg/Kg-dry	50	02/29/12 07:15 PM
1,1-Dichloroethane	ND		0.057	mg/Kg-dry	50	02/29/12 07:15 PM
1,1-Dichloroethene	ND		0.057	mg/Kg-dry	50	02/29/12 07:15 PM
1,2,4-Trichlorobenzene	ND		0.057	mg/Kg-dry	50	02/29/12 07:15 PM
1,2-Dibromo-3-chloropropane	ND		0.11	mg/Kg-dry	50	02/29/12 07:15 PM
1,2-Dibromoethane	ND		0.086	mg/Kg-dry	50	02/29/12 07:15 PM
1,2-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/29/12 07:15 PM
1,2-Dichloroethane	ND		0.057	mg/Kg-dry	50	02/29/12 07:15 PM
1,2-Dichloropropane	ND		0.20	mg/Kg-dry	50	02/29/12 07:15 PM
1,3-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/29/12 07:15 PM
1,4-Dichlorobenzene	ND		0.057	mg/Kg-dry	50	02/29/12 07:15 PM
2-Butanone	ND		0.43	mg/Kg-dry	50	02/29/12 07:15 PM
2-Hexanone	ND		0.29	mg/Kg-dry	50	02/29/12 07:15 PM
4-Methyl-2-pentanone	ND		0.29	mg/Kg-dry	50	02/29/12 07:15 PM
Acetone	ND		0.26	mg/Kg-dry	50	02/29/12 07:15 PM
Benzene	ND		0.057	mg/Kg-dry	50	02/29/12 07:15 PM
Bromodichloromethane	ND		0.086	mg/Kg-dry	50	02/29/12 07:15 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GC-B04-S01-022112

Lab ID: 1202641-24

Collection Date: 02/21/12 03:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.057	mg/Kg-dry	50	02/29/12 07:15 PM
Bromomethane	ND		0.086	mg/Kg-dry	50	02/29/12 07:15 PM
Carbon disulfide	ND		0.086	mg/Kg-dry	50	02/29/12 07:15 PM
Carbon tetrachloride	ND		0.057	mg/Kg-dry	50	02/29/12 07:15 PM
Chlorobenzene	ND		0.086	mg/Kg-dry	50	02/29/12 07:15 PM
Chloroethane	ND		0.17	mg/Kg-dry	50	02/29/12 07:15 PM
Chloroform	ND		0.057	mg/Kg-dry	50	02/29/12 03:47 AM
Chloromethane	ND		0.17	mg/Kg-dry	50	02/29/12 07:15 PM
cis-1,2-Dichloroethene	ND		0.11	mg/Kg-dry	50	02/29/12 07:15 PM
cis-1,3-Dichloropropene	ND		0.057	mg/Kg-dry	50	02/29/12 07:15 PM
Cyclohexane	ND		0.057	mg/Kg-dry	50	02/29/12 07:15 PM
Dibromochloromethane	ND		0.11	mg/Kg-dry	50	02/29/12 07:15 PM
Dichlorodifluoromethane	ND		0.057	mg/Kg-dry	50	02/29/12 07:15 PM
Ethylbenzene	ND		0.11	mg/Kg-dry	50	02/29/12 07:15 PM
Isopropylbenzene	ND		0.057	mg/Kg-dry	50	02/29/12 07:15 PM
Methyl acetate	ND		0.057	mg/Kg-dry	50	02/29/12 03:47 AM
Methyl tert-butyl ether	ND		0.086	mg/Kg-dry	50	02/29/12 07:15 PM
Methylcyclohexane	ND		1.1	mg/Kg-dry	50	02/29/12 07:15 PM
Methylene chloride	ND		0.11	mg/Kg-dry	50	02/29/12 07:15 PM
Styrene	ND		0.086	mg/Kg-dry	50	02/29/12 07:15 PM
Tetrachloroethene	ND		0.057	mg/Kg-dry	50	02/29/12 07:15 PM
Toluene	ND		0.086	mg/Kg-dry	50	02/29/12 07:15 PM
trans-1,2-Dichloroethene	ND		0.057	mg/Kg-dry	50	02/29/12 07:15 PM
trans-1,3-Dichloropropene	ND		0.086	mg/Kg-dry	50	02/29/12 07:15 PM
Trichloroethene	ND		0.057	mg/Kg-dry	50	02/29/12 07:15 PM
Trichlorofluoromethane	ND		0.057	mg/Kg-dry	50	02/29/12 07:15 PM
Vinyl chloride	ND		0.11	mg/Kg-dry	50	02/29/12 07:15 PM
Xylenes, Total	ND		0.17	mg/Kg-dry	50	02/29/12 07:15 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	87.6		70-120	%REC	50	02/29/12 07:15 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	104		70-120	%REC	50	02/29/12 03:47 AM
<i>Surr: 4-Bromofluorobenzene</i>	107		75-120	%REC	50	02/29/12 07:15 PM
<i>Surr: 4-Bromofluorobenzene</i>	98.9		75-120	%REC	50	02/29/12 03:47 AM
<i>Surr: Dibromofluoromethane</i>	89.8		85-115	%REC	50	02/29/12 07:15 PM
<i>Surr: Dibromofluoromethane</i>	93.0		85-115	%REC	50	02/29/12 03:47 AM
<i>Surr: Toluene-d8</i>	99.9		85-115	%REC	50	02/29/12 03:47 AM
<i>Surr: Toluene-d8</i>	95.3		85-115	%REC	50	02/29/12 07:15 PM

CHROMIUM, HEXAVALENT

Chromium, Hexavalent ND SW7196A mg/Kg-dry 1 Prep Date: 02/24/12 Analyst: MB 02/27/12 04:00 PM

MOISTURE

A2540 G Analyst: CG

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GC-B04-S01-022112

Lab ID: 1202641-24

Collection Date: 02/21/12 03:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Moisture	13		0.050	% of sample	1	02/23/12 04:08 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B04-S01-022012

Lab ID: 1202641-25

Collection Date: 02/20/12 10:45 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 02/28/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/29/12 03:08 PM
2,4-D	ND		0.0050	mg/L	1	02/29/12 03:08 PM
Surr: DCAA	87.8		30-150	%REC	1	02/29/12 03:08 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/28/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 03:45 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 03:45 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 03:45 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 03:45 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 03:45 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 03:45 AM
Surr: Decachlorobiphenyl	77.0		30-135	%REC	1	03/02/12 03:45 AM
Surr: Tetrachloro-m-xylene	66.0		25-140	%REC	1	03/02/12 03:45 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/26/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/27/12 12:20 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/26/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/29/12 03:05 AM
Barium	0.77		0.050	mg/L	1	02/29/12 03:05 AM
Cadmium	ND		0.0020	mg/L	1	02/29/12 03:05 AM
Chromium	ND		0.020	mg/L	1	02/29/12 03:05 AM
Lead	ND		0.010	mg/L	1	02/29/12 03:05 AM
Selenium	ND		0.020	mg/L	1	02/29/12 03:05 AM
Silver	ND		0.0050	mg/L	1	02/29/12 03:05 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/28/12 06:15 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 06:15 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 06:15 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/28/12 06:15 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/28/12 06:15 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/28/12 06:15 PM
Hexachloroethane	ND		0.10	mg/L	1	02/28/12 06:15 PM
m-Cresol	ND		0.10	mg/L	1	02/28/12 06:15 PM
Nitrobenzene	ND		0.10	mg/L	1	02/28/12 06:15 PM
o-Cresol	ND		0.10	mg/L	1	02/28/12 06:15 PM
p-Cresol	ND		0.10	mg/L	1	02/28/12 06:15 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/28/12 06:15 PM
Pyridine	ND		0.40	mg/L	1	02/28/12 06:15 PM
Surr: 2,4,6-Tribromophenol	75.1		21-125	%REC	1	02/28/12 06:15 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B04-S01-022012

Lab ID: 1202641-25

Collection Date: 02/20/12 10:45 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	66.2		39-94	%REC	1	02/28/12 06:15 PM
<i>Surr: 2-Fluorophenol</i>	54.5		10-75	%REC	1	02/28/12 06:15 PM
<i>Surr: 4-Terphenyl-d14</i>	81.2		26-119	%REC	1	02/28/12 06:15 PM
<i>Surr: Nitrobenzene-d5</i>	77.7		41-104	%REC	1	02/28/12 06:15 PM
<i>Surr: Phenol-d6</i>	34.4		11-50	%REC	1	02/28/12 06:15 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/25/12	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	03/02/12 07:09 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/02/12 07:09 AM
2-Butanone	ND		0.20	mg/L	20	03/02/12 07:09 AM
Benzene	ND		0.020	mg/L	20	03/02/12 07:09 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/02/12 07:09 AM
Chlorobenzene	ND		0.020	mg/L	20	03/02/12 07:09 AM
Chloroform	ND		0.020	mg/L	20	03/02/12 07:09 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/02/12 07:09 AM
Trichloroethene	ND		0.020	mg/L	20	03/02/12 07:09 AM
Vinyl chloride	ND		0.020	mg/L	20	03/02/12 07:09 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	103		70-130	%REC	20	03/02/12 07:09 AM
<i>Surr: 4-Bromofluorobenzene</i>	96.6		70-130	%REC	20	03/02/12 07:09 AM
<i>Surr: Dibromofluoromethane</i>	99.2		70-130	%REC	20	03/02/12 07:09 AM
<i>Surr: Toluene-d8</i>	102		70-130	%REC	20	03/02/12 07:09 AM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B06-S01-022012

Lab ID: 1202641-26

Collection Date: 02/20/12 04:10 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 02/28/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/29/12 03:17 PM
2,4-D	ND		0.0050	mg/L	1	02/29/12 03:17 PM
Surr: DCAA	94.4		30-150	%REC	1	02/29/12 03:17 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/28/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 04:00 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 04:00 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 04:00 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 04:00 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 04:00 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 04:00 AM
Surr: Decachlorobiphenyl	78.0		30-135	%REC	1	03/02/12 04:00 AM
Surr: Tetrachloro-m-xylene	49.0		25-140	%REC	1	03/02/12 04:00 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/26/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/27/12 12:23 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/26/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/29/12 03:10 AM
Barium	1.5		0.050	mg/L	1	02/29/12 03:10 AM
Cadmium	ND		0.0020	mg/L	1	02/29/12 03:10 AM
Chromium	ND		0.020	mg/L	1	02/29/12 03:10 AM
Lead	ND		0.010	mg/L	1	02/29/12 03:10 AM
Selenium	ND		0.020	mg/L	1	02/29/12 03:10 AM
Silver	ND		0.0050	mg/L	1	02/29/12 03:10 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/28/12 06:47 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 06:47 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 06:47 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/28/12 06:47 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/28/12 06:47 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/28/12 06:47 PM
Hexachloroethane	ND		0.10	mg/L	1	02/28/12 06:47 PM
m-Cresol	ND		0.10	mg/L	1	02/28/12 06:47 PM
Nitrobenzene	ND		0.10	mg/L	1	02/28/12 06:47 PM
o-Cresol	ND		0.10	mg/L	1	02/28/12 06:47 PM
p-Cresol	ND		0.10	mg/L	1	02/28/12 06:47 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/28/12 06:47 PM
Pyridine	ND		0.40	mg/L	1	02/28/12 06:47 PM
Surr: 2,4,6-Tribromophenol	74.9		21-125	%REC	1	02/28/12 06:47 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B06-S01-022012

Lab ID: 1202641-26

Collection Date: 02/20/12 04:10 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	64.8		39-94	%REC	1	02/28/12 06:47 PM
Surr: 2-Fluorophenol	44.8		10-75	%REC	1	02/28/12 06:47 PM
Surr: 4-Terphenyl-d14	75.0		26-119	%REC	1	02/28/12 06:47 PM
Surr: Nitrobenzene-d5	74.9		41-104	%REC	1	02/28/12 06:47 PM
Surr: Phenol-d6	29.9		11-50	%REC	1	02/28/12 06:47 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/25/12	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	03/02/12 07:32 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/02/12 07:32 AM
2-Butanone	ND		0.20	mg/L	20	03/02/12 07:32 AM
Benzene	ND		0.020	mg/L	20	03/02/12 07:32 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/02/12 07:32 AM
Chlorobenzene	ND		0.020	mg/L	20	03/02/12 07:32 AM
Chloroform	ND		0.020	mg/L	20	03/02/12 07:32 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/02/12 07:32 AM
Trichloroethene	ND		0.020	mg/L	20	03/02/12 07:32 AM
Vinyl chloride	ND		0.020	mg/L	20	03/02/12 07:32 AM
Surr: 1,2-Dichloroethane-d4	102		70-130	%REC	20	03/02/12 07:32 AM
Surr: 4-Bromofluorobenzene	97.2		70-130	%REC	20	03/02/12 07:32 AM
Surr: Dibromofluoromethane	100		70-130	%REC	20	03/02/12 07:32 AM
Surr: Toluene-d8	102		70-130	%REC	20	03/02/12 07:32 AM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B09-S01-022112

Lab ID: 1202641-27

Collection Date: 02/21/12 09:25 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 02/28/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/29/12 03:26 PM
2,4-D	ND		0.0050	mg/L	1	02/29/12 03:26 PM
Surr: DCAA	103		30-150	%REC	1	02/29/12 03:26 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/28/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 04:15 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 04:15 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 04:15 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 04:15 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 04:15 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 04:15 AM
Surr: Decachlorobiphenyl	85.0		30-135	%REC	1	03/02/12 04:15 AM
Surr: Tetrachloro-m-xylene	59.0		25-140	%REC	1	03/02/12 04:15 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/26/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/27/12 12:25 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/26/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/29/12 03:15 AM
Barium	1.7		0.050	mg/L	1	02/29/12 03:15 AM
Cadmium	ND		0.0020	mg/L	1	02/29/12 03:15 AM
Chromium	ND		0.020	mg/L	1	02/29/12 03:15 AM
Lead	ND		0.010	mg/L	1	02/29/12 03:15 AM
Selenium	ND		0.020	mg/L	1	02/29/12 03:15 AM
Silver	ND		0.0050	mg/L	1	02/29/12 03:15 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/28/12 07:20 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 07:20 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 07:20 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/28/12 07:20 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/28/12 07:20 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/28/12 07:20 PM
Hexachloroethane	ND		0.10	mg/L	1	02/28/12 07:20 PM
m-Cresol	ND		0.10	mg/L	1	02/28/12 07:20 PM
Nitrobenzene	ND		0.10	mg/L	1	02/28/12 07:20 PM
o-Cresol	ND		0.10	mg/L	1	02/28/12 07:20 PM
p-Cresol	ND		0.10	mg/L	1	02/28/12 07:20 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/28/12 07:20 PM
Pyridine	ND		0.40	mg/L	1	02/28/12 07:20 PM
Surr: 2,4,6-Tribromophenol	70.8		21-125	%REC	1	02/28/12 07:20 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B09-S01-022112

Lab ID: 1202641-27

Collection Date: 02/21/12 09:25 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	64.1		39-94	%REC	1	02/28/12 07:20 PM
<i>Surr: 2-Fluorophenol</i>	39.0		10-75	%REC	1	02/28/12 07:20 PM
<i>Surr: 4-Terphenyl-d14</i>	74.6		26-119	%REC	1	02/28/12 07:20 PM
<i>Surr: Nitrobenzene-d5</i>	74.6		41-104	%REC	1	02/28/12 07:20 PM
<i>Surr: Phenol-d6</i>	26.5		11-50	%REC	1	02/28/12 07:20 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/25/12	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	03/02/12 07:56 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/02/12 07:56 AM
2-Butanone	ND		0.20	mg/L	20	03/02/12 07:56 AM
Benzene	ND		0.020	mg/L	20	03/02/12 07:56 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/02/12 07:56 AM
Chlorobenzene	ND		0.020	mg/L	20	03/02/12 07:56 AM
Chloroform	ND		0.020	mg/L	20	03/02/12 07:56 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/02/12 07:56 AM
Trichloroethene	ND		0.020	mg/L	20	03/02/12 07:56 AM
Vinyl chloride	ND		0.020	mg/L	20	03/02/12 07:56 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	102		70-130	%REC	20	03/02/12 07:56 AM
<i>Surr: 4-Bromofluorobenzene</i>	95.7		70-130	%REC	20	03/02/12 07:56 AM
<i>Surr: Dibromofluoromethane</i>	99.9		70-130	%REC	20	03/02/12 07:56 AM
<i>Surr: Toluene-d8</i>	102		70-130	%REC	20	03/02/12 07:56 AM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B10-S01-022112

Lab ID: 1202641-28

Collection Date: 02/21/12 08:50 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 02/28/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/29/12 03:36 PM
2,4-D	ND		0.0050	mg/L	1	02/29/12 03:36 PM
Surr: DCAA	99.8		30-150	%REC	1	02/29/12 03:36 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/28/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 04:30 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 04:30 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 04:30 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 04:30 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 04:30 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 04:30 AM
Surr: Decachlorobiphenyl	85.0		30-135	%REC	1	03/02/12 04:30 AM
Surr: Tetrachloro-m-xylene	60.0		25-140	%REC	1	03/02/12 04:30 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/26/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/27/12 12:28 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/26/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/29/12 03:20 AM
Barium	1.2		0.050	mg/L	1	02/29/12 03:20 AM
Cadmium	ND		0.0020	mg/L	1	02/29/12 03:20 AM
Chromium	ND		0.020	mg/L	1	02/29/12 03:20 AM
Lead	ND		0.010	mg/L	1	02/29/12 03:20 AM
Selenium	ND		0.020	mg/L	1	02/29/12 03:20 AM
Silver	ND		0.0050	mg/L	1	02/29/12 03:20 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/28/12 07:53 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 07:53 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 07:53 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/28/12 07:53 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/28/12 07:53 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/28/12 07:53 PM
Hexachloroethane	ND		0.10	mg/L	1	02/28/12 07:53 PM
m-Cresol	ND		0.10	mg/L	1	02/28/12 07:53 PM
Nitrobenzene	ND		0.10	mg/L	1	02/28/12 07:53 PM
o-Cresol	ND		0.10	mg/L	1	02/28/12 07:53 PM
p-Cresol	ND		0.10	mg/L	1	02/28/12 07:53 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/28/12 07:53 PM
Pyridine	ND		0.40	mg/L	1	02/28/12 07:53 PM
Surr: 2,4,6-Tribromophenol	75.7		21-125	%REC	1	02/28/12 07:53 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GD-B10-S01-022112

Lab ID: 1202641-28

Collection Date: 02/21/12 08:50 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	65.7		39-94	%REC	1	02/28/12 07:53 PM
<i>Surr: 2-Fluorophenol</i>	50.9		10-75	%REC	1	02/28/12 07:53 PM
<i>Surr: 4-Terphenyl-d14</i>	76.0		26-119	%REC	1	02/28/12 07:53 PM
<i>Surr: Nitrobenzene-d5</i>	77.7		41-104	%REC	1	02/28/12 07:53 PM
<i>Surr: Phenol-d6</i>	33.9		11-50	%REC	1	02/28/12 07:53 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/25/12	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	03/02/12 08:20 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/02/12 08:20 AM
2-Butanone	ND		0.20	mg/L	20	03/02/12 08:20 AM
Benzene	ND		0.020	mg/L	20	03/02/12 08:20 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/02/12 08:20 AM
Chlorobenzene	ND		0.020	mg/L	20	03/02/12 08:20 AM
Chloroform	ND		0.020	mg/L	20	03/02/12 08:20 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/02/12 08:20 AM
Trichloroethene	ND		0.020	mg/L	20	03/02/12 08:20 AM
Vinyl chloride	ND		0.020	mg/L	20	03/02/12 08:20 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	103		70-130	%REC	20	03/02/12 08:20 AM
<i>Surr: 4-Bromofluorobenzene</i>	95.9		70-130	%REC	20	03/02/12 08:20 AM
<i>Surr: Dibromofluoromethane</i>	99.3		70-130	%REC	20	03/02/12 08:20 AM
<i>Surr: Toluene-d8</i>	101		70-130	%REC	20	03/02/12 08:20 AM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GC-B03-S01-022112

Lab ID: 1202641-29

Collection Date: 02/21/12 02:15 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 02/28/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/29/12 03:45 PM
2,4-D	ND		0.0050	mg/L	1	02/29/12 03:45 PM
Surr: DCAA	71.2		30-150	%REC	1	02/29/12 03:45 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/28/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 04:45 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 04:45 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 04:45 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 04:45 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 04:45 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 04:45 AM
Surr: Decachlorobiphenyl	88.0		30-135	%REC	1	03/02/12 04:45 AM
Surr: Tetrachloro-m-xylene	67.0		25-140	%REC	1	03/02/12 04:45 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/26/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/27/12 12:30 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/27/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	03/01/12 05:10 PM
Barium	0.42		0.050	mg/L	1	03/01/12 05:10 PM
Cadmium	0.0020		0.0020	mg/L	1	03/01/12 05:10 PM
Chromium	ND		0.020	mg/L	1	03/01/12 05:10 PM
Lead	ND		0.010	mg/L	1	03/01/12 05:10 PM
Selenium	ND		0.020	mg/L	1	03/01/12 05:10 PM
Silver	ND		0.0050	mg/L	1	03/01/12 05:10 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/28/12 08:27 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 08:27 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 08:27 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/28/12 08:27 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/28/12 08:27 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/28/12 08:27 PM
Hexachloroethane	ND		0.10	mg/L	1	02/28/12 08:27 PM
m-Cresol	ND		0.10	mg/L	1	02/28/12 08:27 PM
Nitrobenzene	ND		0.10	mg/L	1	02/28/12 08:27 PM
o-Cresol	ND		0.10	mg/L	1	02/28/12 08:27 PM
p-Cresol	ND		0.10	mg/L	1	02/28/12 08:27 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/28/12 08:27 PM
Pyridine	ND		0.40	mg/L	1	02/28/12 08:27 PM
Surr: 2,4,6-Tribromophenol	78.0		21-125	%REC	1	02/28/12 08:27 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GC-B03-S01-022112

Lab ID: 1202641-29

Collection Date: 02/21/12 02:15 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	70.6		39-94	%REC	1	02/28/12 08:27 PM
Surr: 2-Fluorophenol	49.5		10-75	%REC	1	02/28/12 08:27 PM
Surr: 4-Terphenyl-d14	61.9		26-119	%REC	1	02/28/12 08:27 PM
Surr: Nitrobenzene-d5	86.6		41-104	%REC	1	02/28/12 08:27 PM
Surr: Phenol-d6	33.7		11-50	%REC	1	02/28/12 08:27 PM

TCLP VOLATILE ORGANICS

SW8260

Prep Date: 02/25/12

Analyst: RS

1,1-Dichloroethene	ND		0.020	mg/L	20	03/02/12 08:44 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/02/12 08:44 AM
2-Butanone	ND		0.20	mg/L	20	03/02/12 08:44 AM
Benzene	ND		0.020	mg/L	20	03/02/12 08:44 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/02/12 08:44 AM
Chlorobenzene	ND		0.020	mg/L	20	03/02/12 08:44 AM
Chloroform	ND		0.020	mg/L	20	03/02/12 08:44 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/02/12 08:44 AM
Trichloroethene	ND		0.020	mg/L	20	03/02/12 08:44 AM
Vinyl chloride	ND		0.020	mg/L	20	03/02/12 08:44 AM
Surr: 1,2-Dichloroethane-d4	102		70-130	%REC	20	03/02/12 08:44 AM
Surr: 4-Bromofluorobenzene	96.0		70-130	%REC	20	03/02/12 08:44 AM
Surr: Dibromofluoromethane	99.1		70-130	%REC	20	03/02/12 08:44 AM
Surr: Toluene-d8	102		70-130	%REC	20	03/02/12 08:44 AM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GC-B04-S01-022112

Lab ID: 1202641-30

Collection Date: 02/21/12 03:15 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 02/28/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	02/29/12 03:54 PM
2,4-D	ND		0.0050	mg/L	1	02/29/12 03:54 PM
Surr: DCAA	91.6		30-150	%REC	1	02/29/12 03:54 PM
TCLP PESTICIDES			SW8081		Prep Date: 02/28/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 05:00 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 05:00 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 05:00 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 05:00 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 05:00 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 05:00 AM
Surr: Decachlorobiphenyl	92.0		30-135	%REC	1	03/02/12 05:00 AM
Surr: Tetrachloro-m-xylene	70.0		25-140	%REC	1	03/02/12 05:00 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/26/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/27/12 12:37 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/26/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/29/12 03:25 AM
Barium	1.5		0.050	mg/L	1	02/29/12 03:25 AM
Cadmium	ND		0.0020	mg/L	1	02/29/12 03:25 AM
Chromium	ND		0.020	mg/L	1	02/29/12 03:25 AM
Lead	ND		0.010	mg/L	1	02/29/12 03:25 AM
Selenium	ND		0.020	mg/L	1	02/29/12 03:25 AM
Silver	ND		0.0050	mg/L	1	02/29/12 03:25 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/28/12 09:00 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 09:00 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/28/12 09:00 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/28/12 09:00 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/28/12 09:00 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/28/12 09:00 PM
Hexachloroethane	ND		0.10	mg/L	1	02/28/12 09:00 PM
m-Cresol	ND		0.10	mg/L	1	02/28/12 09:00 PM
Nitrobenzene	ND		0.10	mg/L	1	02/28/12 09:00 PM
o-Cresol	ND		0.10	mg/L	1	02/28/12 09:00 PM
p-Cresol	ND		0.10	mg/L	1	02/28/12 09:00 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/28/12 09:00 PM
Pyridine	ND		0.40	mg/L	1	02/28/12 09:00 PM
Surr: 2,4,6-Tribromophenol	76.1		21-125	%REC	1	02/28/12 09:00 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: GC-B04-S01-022112

Lab ID: 1202641-30

Collection Date: 02/21/12 03:15 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	67.8		39-94	%REC	1	02/28/12 09:00 PM
<i>Surr: 2-Fluorophenol</i>	46.1		10-75	%REC	1	02/28/12 09:00 PM
<i>Surr: 4-Terphenyl-d14</i>	63.6		26-119	%REC	1	02/28/12 09:00 PM
<i>Surr: Nitrobenzene-d5</i>	81.1		41-104	%REC	1	02/28/12 09:00 PM
<i>Surr: Phenol-d6</i>	31.8		11-50	%REC	1	02/28/12 09:00 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/25/12	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	03/02/12 09:09 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/02/12 09:09 AM
2-Butanone	ND		0.20	mg/L	20	03/02/12 09:09 AM
Benzene	ND		0.020	mg/L	20	03/02/12 09:09 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/02/12 09:09 AM
Chlorobenzene	ND		0.020	mg/L	20	03/02/12 09:09 AM
Chloroform	ND		0.020	mg/L	20	03/02/12 09:09 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/02/12 09:09 AM
Trichloroethene	ND		0.020	mg/L	20	03/02/12 09:09 AM
Vinyl chloride	ND		0.020	mg/L	20	03/02/12 09:09 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	101		70-130	%REC	20	03/02/12 09:09 AM
<i>Surr: 4-Bromofluorobenzene</i>	95.9		70-130	%REC	20	03/02/12 09:09 AM
<i>Surr: Dibromofluoromethane</i>	100		70-130	%REC	20	03/02/12 09:09 AM
<i>Surr: Toluene-d8</i>	102		70-130	%REC	20	03/02/12 09:09 AM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: Trip Blank

Lab ID: 1202641-31

Collection Date: 02/20/12

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: BG
1,1,1-Trichloroethane	ND		0.050	mg/Kg	50	02/29/12 07:40 PM
1,1,2,2-Tetrachloroethane	ND		0.10	mg/Kg	50	02/29/12 07:40 PM
1,1,2-Trichloroethane	ND		0.10	mg/Kg	50	02/29/12 07:40 PM
1,1,2-Trichlorotrifluoroethane	ND		0.050	mg/Kg	50	02/29/12 07:40 PM
1,1-Dichloroethane	ND		0.050	mg/Kg	50	02/29/12 07:40 PM
1,1-Dichloroethene	ND		0.050	mg/Kg	50	02/29/12 07:40 PM
1,2,4-Trichlorobenzene	ND		0.050	mg/Kg	50	02/29/12 07:40 PM
1,2-Dibromo-3-chloropropane	ND		0.10	mg/Kg	50	02/29/12 07:40 PM
1,2-Dibromoethane	ND		0.075	mg/Kg	50	02/29/12 07:40 PM
1,2-Dichlorobenzene	ND		0.050	mg/Kg	50	02/29/12 07:40 PM
1,2-Dichloroethane	ND		0.050	mg/Kg	50	02/29/12 07:40 PM
1,2-Dichloropropane	ND		0.18	mg/Kg	50	02/29/12 07:40 PM
1,3-Dichlorobenzene	ND		0.050	mg/Kg	50	02/29/12 07:40 PM
1,4-Dichlorobenzene	ND		0.050	mg/Kg	50	02/29/12 07:40 PM
2-Butanone	ND		0.38	mg/Kg	50	02/29/12 07:40 PM
2-Hexanone	ND		0.25	mg/Kg	50	02/29/12 07:40 PM
4-Methyl-2-pentanone	ND		0.25	mg/Kg	50	02/29/12 07:40 PM
Acetone	ND		0.22	mg/Kg	50	02/29/12 07:40 PM
Benzene	ND		0.050	mg/Kg	50	02/29/12 07:40 PM
Bromodichloromethane	ND		0.075	mg/Kg	50	02/29/12 07:40 PM
Bromoform	ND		0.050	mg/Kg	50	02/29/12 07:40 PM
Bromomethane	ND		0.075	mg/Kg	50	02/29/12 07:40 PM
Carbon disulfide	ND		0.075	mg/Kg	50	02/29/12 07:40 PM
Carbon tetrachloride	ND		0.050	mg/Kg	50	02/29/12 07:40 PM
Chlorobenzene	ND		0.075	mg/Kg	50	02/29/12 07:40 PM
Chloroethane	ND		0.15	mg/Kg	50	02/29/12 07:40 PM
Chloroform	ND		0.050	mg/Kg	50	02/29/12 04:10 AM
Chloromethane	ND		0.15	mg/Kg	50	02/29/12 07:40 PM
cis-1,2-Dichloroethene	ND		0.10	mg/Kg	50	02/29/12 07:40 PM
cis-1,3-Dichloropropene	ND		0.050	mg/Kg	50	02/29/12 07:40 PM
Cyclohexane	ND		0.050	mg/Kg	50	02/29/12 07:40 PM
Dibromochloromethane	ND		0.10	mg/Kg	50	02/29/12 07:40 PM
Dichlorodifluoromethane	ND		0.050	mg/Kg	50	02/29/12 07:40 PM
Ethylbenzene	ND		0.10	mg/Kg	50	02/29/12 07:40 PM
Isopropylbenzene	ND		0.050	mg/Kg	50	02/29/12 07:40 PM
Methyl acetate	ND		0.15	mg/Kg	50	02/29/12 04:10 AM
Methyl tert-butyl ether	ND		0.075	mg/Kg	50	02/29/12 07:40 PM
Methylcyclohexane	ND		1.0	mg/Kg	50	02/29/12 07:40 PM
Methylene chloride	ND		0.10	mg/Kg	50	02/29/12 07:40 PM

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

ALS Group USA, Corp

Date: 05-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202641

Sample ID: Trip Blank

Lab ID: 1202641-31

Collection Date: 02/20/12

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		0.075	mg/Kg	50	02/29/12 07:40 PM
Tetrachloroethene	ND		0.050	mg/Kg	50	02/29/12 07:40 PM
Toluene	ND		0.075	mg/Kg	50	02/29/12 07:40 PM
trans-1,2-Dichloroethene	ND		0.050	mg/Kg	50	02/29/12 07:40 PM
trans-1,3-Dichloropropene	ND		0.075	mg/Kg	50	02/29/12 07:40 PM
Trichloroethene	ND		0.050	mg/Kg	50	02/29/12 07:40 PM
Trichlorofluoromethane	ND		0.050	mg/Kg	50	02/29/12 07:40 PM
Vinyl chloride	ND		0.10	mg/Kg	50	02/29/12 07:40 PM
Xylenes, Total	ND		0.15	mg/Kg	50	02/29/12 07:40 PM
Surr: 1,2-Dichloroethane-d4	89.0		70-120	%REC	50	02/29/12 07:40 PM
Surr: 1,2-Dichloroethane-d4	102		70-120	%REC	50	02/29/12 04:10 AM
Surr: 4-Bromofluorobenzene	95.8		75-120	%REC	50	02/29/12 07:40 PM
Surr: 4-Bromofluorobenzene	99.4		75-120	%REC	50	02/29/12 04:10 AM
Surr: Dibromofluoromethane	90.8		85-115	%REC	50	02/29/12 07:40 PM
Surr: Dibromofluoromethane	94.0		85-115	%REC	50	02/29/12 04:10 AM
Surr: Toluene-d8	100		85-115	%REC	50	02/29/12 04:10 AM
Surr: Toluene-d8	95.0		85-115	%REC	50	02/29/12 07:40 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 20, 2012

Laboratory: Air Toxics Ltd. (Air Toxics), Folsom, California

Laboratory Project #: 1202547

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 eight air samples collected for the Eastern Sandusky County Dumps that were analyzed for Volatile Organic Compounds (VOC) by U.S. Environmental Protection Agency (U.S. EPA) Method TO-15.

A level II data package was requested from Air Toxics. 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. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

VOCs BY U.S. EPA METHOD TO-15

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
CD-B03-V01-022312	1202547-01A	Air	2/23/2012	3/1/2012
AL-B02-V01-022012	1202547-02A	Air	2/20/2012	3/1/2012
AL-B01-V01-022012	1202547-03A	Air	2/20/2012	3/1/2012
GD-B09-V01-022112	1202547-04A	Air	2/21/2012	3/1/2012
GC-B03-V01-022112	1202547-05A	Air	2/21/2012	3/1/2012
GC-B02-V01-022112	1202547-06A	Air	2/21/2012	3/1/2012
BS-B02-V01-022212	1202547-07A	Air	2/22/2012	3/1/2012
CD-B01-V01-022312	1202547-08A	Air	2/23/2012	3/1/2012

2. Holding Times

The samples were analyzed within the required holding time limit of 30 days from sample collection.

3. Blanks

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

4. Surrogate Results

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

5. Continuing Calibration Results

The continuing calibration results were within the QC limits for percent recovery.

6. Laboratory Control Sample (LCS) Results

The LCS and LCS duplicate (LCSD) recoveries were within laboratory QC limits.

7. Overall Assessment

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

Data Validation Report
Eastern Sandusky County Dumps
Air Toxics Ltd.
Laboratory Project #: 1202547

ATTACHMENT

**AIR TOXICS LTD.
RESULTS SUMMARY**



Air Toxics

Client Sample ID: CD-B03-V01-022312

Lab ID#: 1202547-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3022920	Date of Collection:	2/23/12 12:05:00 PM
Dil. Factor:	1.58	Date of Analysis:	3/1/12 08:27 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.79	Not Detected	3.9	Not Detected
Freon 114	0.79	Not Detected	5.5	Not Detected
Chloromethane	7.9	Not Detected	16	Not Detected
Vinyl Chloride	0.79	Not Detected	2.0	Not Detected
1,3-Butadiene	0.79	Not Detected	1.7	Not Detected
Bromomethane	7.9	Not Detected	31	Not Detected
Chloroethane	3.2	Not Detected	8.3	Not Detected
Freon 11	0.79	Not Detected	4.4	Not Detected
Ethanol	3.2	4.7	6.0	8.8
Freon 113	0.79	Not Detected	6.0	Not Detected
1,1-Dichloroethene	0.79	Not Detected	3.1	Not Detected
Acetone	7.9	27	19	64
2-Propanol	3.2	Not Detected	7.8	Not Detected
Carbon Disulfide	3.2	11	9.8	33
3-Chloropropene	3.2	Not Detected	9.9	Not Detected
Methylene Chloride	7.9	Not Detected	27	Not Detected
Methyl tert-butyl ether	0.79	Not Detected	2.8	Not Detected
trans-1,2-Dichloroethene	0.79	Not Detected	3.1	Not Detected
Hexane	0.79	18	2.8	62
1,1-Dichloroethane	0.79	2.2	3.2	9.0
2-Butanone (Methyl Ethyl Ketone)	3.2	3.3	9.3	9.7
cis-1,2-Dichloroethene	0.79	Not Detected	3.1	Not Detected
Tetrahydrofuran	0.79	Not Detected	2.3	Not Detected
Chloroform	0.79	Not Detected	3.8	Not Detected
1,1,1-Trichloroethane	0.79	1.4	4.3	7.4
Cyclohexane	0.79	3.4	2.7	12
Carbon Tetrachloride	0.79	Not Detected	5.0	Not Detected
2,2,4-Trimethylpentane	0.79	5.7	3.7	27
Benzene	0.79	9.4	2.5	30
1,2-Dichloroethane	0.79	Not Detected	3.2	Not Detected
Heptane	0.79	6.2	3.2	25
Trichloroethene	0.79	Not Detected	4.2	Not Detected
1,2-Dichloropropane	0.79	Not Detected	3.6	Not Detected
1,4-Dioxane	3.2	Not Detected	11	Not Detected
Bromodichloromethane	0.79	Not Detected	5.3	Not Detected
cis-1,3-Dichloropropene	0.79	Not Detected	3.6	Not Detected
4-Methyl-2-pentanone	0.79	Not Detected	3.2	Not Detected
Toluene	0.79	320	3.0	1200
trans-1,3-Dichloropropene	0.79	Not Detected	3.6	Not Detected
1,1,2-Trichloroethane	0.79	Not Detected	4.3	Not Detected
Tetrachloroethene	0.79	1.6	5.4	10
2-Hexanone	3.2	Not Detected	13	Not Detected



Air Toxics

Client Sample ID: CD-B03-V01-022312

Lab ID#: 1202547-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3022920	Date of Collection:	2/23/12 12:05:00 PM
Dil. Factor:	1.58	Date of Analysis:	3/1/12 08:27 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.79	Not Detected	6.7	Not Detected
1,2-Dibromoethane (EDB)	0.79	Not Detected	6.1	Not Detected
Chlorobenzene	0.79	Not Detected	3.6	Not Detected
Ethyl Benzene	0.79	3.3	3.4	14
m,p-Xylene	0.79	9.6	3.4	42
o-Xylene	0.79	2.8	3.4	12
Styrene	0.79	Not Detected	3.4	Not Detected
Bromoform	0.79	Not Detected	8.2	Not Detected
Cumene	0.79	Not Detected	3.9	Not Detected
1,1,2,2-Tetrachloroethane	0.79	Not Detected	5.4	Not Detected
Propylbenzene	0.79	Not Detected	3.9	Not Detected
4-Ethyltoluene	0.79	1.2	3.9	5.8
1,3,5-Trimethylbenzene	0.79	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.79	Not Detected	3.9	Not Detected
1,3-Dichlorobenzene	0.79	Not Detected	4.8	Not Detected
1,4-Dichlorobenzene	0.79	0.86	4.8	5.2
alpha-Chlorotoluene	0.79	Not Detected	4.1	Not Detected
1,2-Dichlorobenzene	0.79	Not Detected	4.7	Not Detected
1,2,4-Trichlorobenzene	3.2	Not Detected	23	Not Detected
Hexachlorobutadiene	3.2	Not Detected	34	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	100	70-130



Air Toxics

Client Sample ID: AL-B02-V01-022012

Lab ID#: 1202547-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3022921	Date of Collection:	2/20/12 3:18:00 PM
Dil. Factor:	1.49	Date of Analysis:	3/1/12 08:46 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.74	Not Detected	3.7	Not Detected
Freon 114	0.74	Not Detected	5.2	Not Detected
Chloromethane	7.4	Not Detected	15	Not Detected
Vinyl Chloride	0.74	Not Detected	1.9	Not Detected
1,3-Butadiene	0.74	Not Detected	1.6	Not Detected
Bromomethane	7.4	Not Detected	29	Not Detected
Chloroethane	3.0	Not Detected	7.9	Not Detected
Freon 11	0.74	Not Detected	4.2	Not Detected
Ethanol	3.0	3.4	5.6	6.5
Freon 113	0.74	Not Detected	5.7	Not Detected
1,1-Dichloroethene	0.74	Not Detected	3.0	Not Detected
Acetone	7.4	61	18	140
2-Propanol	3.0	Not Detected	7.3	Not Detected
Carbon Disulfide	3.0	Not Detected	9.3	Not Detected
3-Chloropropene	3.0	Not Detected	9.3	Not Detected
Methylene Chloride	7.4	Not Detected	26	Not Detected
Methyl tert-butyl ether	0.74	Not Detected	2.7	Not Detected
trans-1,2-Dichloroethene	0.74	Not Detected	3.0	Not Detected
Hexane	0.74	1.3	2.6	4.4
1,1-Dichloroethane	0.74	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.0	Not Detected	8.8	Not Detected
cis-1,2-Dichloroethene	0.74	Not Detected	3.0	Not Detected
Tetrahydrofuran	0.74	Not Detected	2.2	Not Detected
Chloroform	0.74	Not Detected	3.6	Not Detected
1,1,1-Trichloroethane	0.74	Not Detected	4.1	Not Detected
Cyclohexane	0.74	Not Detected	2.6	Not Detected
Carbon Tetrachloride	0.74	Not Detected	4.7	Not Detected
2,2,4-Trimethylpentane	0.74	Not Detected	3.5	Not Detected
Benzene	0.74	1.8	2.4	5.8
1,2-Dichloroethane	0.74	Not Detected	3.0	Not Detected
Heptane	0.74	1.8	3.0	7.2
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2-Dichloropropane	0.74	Not Detected	3.4	Not Detected
1,4-Dioxane	3.0	Not Detected	11	Not Detected
Bromodichloromethane	0.74	Not Detected	5.0	Not Detected
cis-1,3-Dichloropropene	0.74	Not Detected	3.4	Not Detected
4-Methyl-2-pentanone	0.74	1.7	3.0	7.0
Toluene	0.74	30	2.8	110
trans-1,3-Dichloropropene	0.74	Not Detected	3.4	Not Detected
1,1,2-Trichloroethane	0.74	Not Detected	4.1	Not Detected
Tetrachloroethene	0.74	7.6	5.0	51
2-Hexanone	3.0	Not Detected	12	Not Detected



Client Sample ID: AL-B02-V01-022012

Lab ID#: 1202547-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3022921	Date of Collection:	2/20/12 3:18:00 PM
Dil. Factor:	1.49	Date of Analysis:	3/1/12 08:46 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.74	Not Detected	6.3	Not Detected
1,2-Dibromoethane (EDB)	0.74	Not Detected	5.7	Not Detected
Chlorobenzene	0.74	Not Detected	3.4	Not Detected
Ethyl Benzene	0.74	5.2	3.2	22
m,p-Xylene	0.74	21	3.2	91
o-Xylene	0.74	6.9	3.2	30
Styrene	0.74	Not Detected	3.2	Not Detected
Bromoform	0.74	Not Detected	7.7	Not Detected
Cumene	0.74	Not Detected	3.7	Not Detected
1,1,2,2-Tetrachloroethane	0.74	Not Detected	5.1	Not Detected
Propylbenzene	0.74	1.0	3.7	4.9
4-Ethyltoluene	0.74	3.6	3.7	18
1,3,5-Trimethylbenzene	0.74	1.1	3.7	5.5
1,2,4-Trimethylbenzene	0.74	3.8	3.7	19
1,3-Dichlorobenzene	0.74	Not Detected	4.5	Not Detected
1,4-Dichlorobenzene	0.74	Not Detected	4.5	Not Detected
alpha-Chlorotoluene	0.74	Not Detected	3.8	Not Detected
1,2-Dichlorobenzene	0.74	Not Detected	4.5	Not Detected
1,2,4-Trichlorobenzene	3.0	Not Detected	22	Not Detected
Hexachlorobutadiene	3.0	Not Detected	32	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	102	70-130



Air Toxics

Client Sample ID: AL-B01-V01-022012

Lab ID#: 1202547-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3022922	Date of Collection:	2/20/12 3:38:00 PM
Dil. Factor:	2.38	Date of Analysis:	3/1/12 09:09 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.2	Not Detected	5.9	Not Detected
Freon 114	1.2	Not Detected	8.3	Not Detected
Chloromethane	12	Not Detected	24	Not Detected
Vinyl Chloride	1.2	Not Detected	3.0	Not Detected
1,3-Butadiene	1.2	Not Detected	2.6	Not Detected
Bromomethane	12	Not Detected	46	Not Detected
Chloroethane	4.8	Not Detected	12	Not Detected
Freon 11	1.2	Not Detected	6.7	Not Detected
Ethanol	4.8	Not Detected	9.0	Not Detected
Freon 113	1.2	Not Detected	9.1	Not Detected
1,1-Dichloroethene	1.2	Not Detected	4.7	Not Detected
Acetone	12	66	28	160
2-Propanol	4.8	Not Detected	12	Not Detected
Carbon Disulfide	4.8	Not Detected	15	Not Detected
3-Chloropropene	4.8	Not Detected	15	Not Detected
Methylene Chloride	12	Not Detected	41	Not Detected
Methyl tert-butyl ether	1.2	Not Detected	4.3	Not Detected
trans-1,2-Dichloroethene	1.2	Not Detected	4.7	Not Detected
Hexane	1.2	2.6	4.2	9.3
1,1-Dichloroethane	1.2	Not Detected	4.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.8	Not Detected	14	Not Detected
cis-1,2-Dichloroethene	1.2	Not Detected	4.7	Not Detected
Tetrahydrofuran	1.2	Not Detected	3.5	Not Detected
Chloroform	1.2	Not Detected	5.8	Not Detected
1,1,1-Trichloroethane	1.2	Not Detected	6.5	Not Detected
Cyclohexane	1.2	Not Detected	4.1	Not Detected
Carbon Tetrachloride	1.2	Not Detected	7.5	Not Detected
2,2,4-Trimethylpentane	1.2	1.3	5.6	5.9
Benzene	1.2	3.3	3.8	11
1,2-Dichloroethane	1.2	Not Detected	4.8	Not Detected
Heptane	1.2	3.0	4.9	12
Trichloroethene	1.2	3.8	6.4	20
1,2-Dichloropropane	1.2	Not Detected	5.5	Not Detected
1,4-Dioxane	4.8	Not Detected	17	Not Detected
Bromodichloromethane	1.2	Not Detected	8.0	Not Detected
cis-1,3-Dichloropropene	1.2	Not Detected	5.4	Not Detected
4-Methyl-2-pentanone	1.2	1.9	4.9	7.9
Toluene	1.2	220	4.5	810
trans-1,3-Dichloropropene	1.2	Not Detected	5.4	Not Detected
1,1,2-Trichloroethane	1.2	Not Detected	6.5	Not Detected
Tetrachloroethene	1.2	2.9	8.1	20
2-Hexanone	4.8	Not Detected	19	Not Detected



Air Toxics

Client Sample ID: AL-B01-V01-022012

Lab ID#: 1202547-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3022922	Date of Collection:	2/20/12 3:38:00 PM
Dil. Factor:	2.38	Date of Analysis:	3/1/12 09:09 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.2	Not Detected	10	Not Detected
1,2-Dibromoethane (EDB)	1.2	Not Detected	9.1	Not Detected
Chlorobenzene	1.2	Not Detected	5.5	Not Detected
Ethyl Benzene	1.2	4.3	5.2	19
m,p-Xylene	1.2	15	5.2	64
o-Xylene	1.2	5.0	5.2	22
Styrene	1.2	Not Detected	5.1	Not Detected
Bromoform	1.2	Not Detected	12	Not Detected
Cumene	1.2	Not Detected	5.8	Not Detected
1,1,2,2-Tetrachloroethane	1.2	Not Detected	8.2	Not Detected
Propylbenzene	1.2	Not Detected	5.8	Not Detected
4-Ethyltoluene	1.2	2.9	5.8	14
1,3,5-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
1,2,4-Trimethylbenzene	1.2	2.5	5.8	12
1,3-Dichlorobenzene	1.2	Not Detected	7.2	Not Detected
1,4-Dichlorobenzene	1.2	Not Detected	7.2	Not Detected
alpha-Chlorotoluene	1.2	Not Detected	6.2	Not Detected
1,2-Dichlorobenzene	1.2	Not Detected	7.2	Not Detected
1,2,4-Trichlorobenzene	4.8	Not Detected	35	Not Detected
Hexachlorobutadiene	4.8	Not Detected	51	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	101	70-130



Air Toxics

Client Sample ID: GD-B09-V01-022112

Lab ID#: 1202547-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3022923	Date of Collection:	2/21/12 10:25:00 AM
Dil. Factor:	2.07	Date of Analysis:	3/1/12 09:33 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.0	Not Detected	5.1	Not Detected
Freon 114	1.0	Not Detected	7.2	Not Detected
Chloromethane	10	Not Detected	21	Not Detected
Vinyl Chloride	1.0	Not Detected	2.6	Not Detected
1,3-Butadiene	1.0	Not Detected	2.3	Not Detected
Bromomethane	10	Not Detected	40	Not Detected
Chloroethane	4.1	Not Detected	11	Not Detected
Freon 11	1.0	Not Detected	5.8	Not Detected
Ethanol	4.1	4.5	7.8	8.4
Freon 113	1.0	Not Detected	7.9	Not Detected
1,1-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Acetone	10	34	24	81
2-Propanol	4.1	Not Detected	10	Not Detected
Carbon Disulfide	4.1	Not Detected	13	Not Detected
3-Chloropropene	4.1	Not Detected	13	Not Detected
Methylene Chloride	10	Not Detected	36	Not Detected
Methyl tert-butyl ether	1.0	Not Detected	3.7	Not Detected
trans-1,2-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Hexane	1.0	2.2	3.6	7.7
1,1-Dichloroethane	1.0	Not Detected	4.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.1	Not Detected	12	Not Detected
cis-1,2-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Tetrahydrofuran	1.0	Not Detected	3.0	Not Detected
Chloroform	1.0	Not Detected	5.0	Not Detected
1,1,1-Trichloroethane	1.0	Not Detected	5.6	Not Detected
Cyclohexane	1.0	Not Detected	3.6	Not Detected
Carbon Tetrachloride	1.0	Not Detected	6.5	Not Detected
2,2,4-Trimethylpentane	1.0	1.2	4.8	5.7
Benzene	1.0	1.9	3.3	6.0
1,2-Dichloroethane	1.0	Not Detected	4.2	Not Detected
Heptane	1.0	1.8	4.2	7.2
Trichloroethene	1.0	Not Detected	5.6	Not Detected
1,2-Dichloropropane	1.0	Not Detected	4.8	Not Detected
1,4-Dioxane	4.1	Not Detected	15	Not Detected
Bromodichloromethane	1.0	Not Detected	6.9	Not Detected
cis-1,3-Dichloropropene	1.0	Not Detected	4.7	Not Detected
4-Methyl-2-pentanone	1.0	3.1	4.2	12
Toluene	1.0	240	3.9	930
trans-1,3-Dichloropropene	1.0	Not Detected	4.7	Not Detected
1,1,2-Trichloroethane	1.0	Not Detected	5.6	Not Detected
Tetrachloroethene	1.0	1.7	7.0	11
2-Hexanone	4.1	Not Detected	17	Not Detected



Client Sample ID: GD-B09-V01-022112

Lab ID#: 1202547-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3022923	Date of Collection:	2/21/12 10:25:00 AM
Dil. Factor:	2.07	Date of Analysis:	3/1/12 09:33 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.0	Not Detected	8.8	Not Detected
1,2-Dibromoethane (EDB)	1.0	Not Detected	8.0	Not Detected
Chlorobenzene	1.0	Not Detected	4.8	Not Detected
Ethyl Benzene	1.0	3.9	4.5	17
m,p-Xylene	1.0	14	4.5	62
o-Xylene	1.0	4.7	4.5	20
Styrene	1.0	Not Detected	4.4	Not Detected
Bromoform	1.0	Not Detected	11	Not Detected
Cumene	1.0	Not Detected	5.1	Not Detected
1,1,2,2-Tetrachloroethane	1.0	Not Detected	7.1	Not Detected
Propylbenzene	1.0	Not Detected	5.1	Not Detected
4-Ethyltoluene	1.0	2.8	5.1	14
1,3,5-Trimethylbenzene	1.0	Not Detected	5.1	Not Detected
1,2,4-Trimethylbenzene	1.0	2.5	5.1	12
1,3-Dichlorobenzene	1.0	Not Detected	6.2	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected	6.2	Not Detected
alpha-Chlorotoluene	1.0	Not Detected	5.4	Not Detected
1,2-Dichlorobenzene	1.0	Not Detected	6.2	Not Detected
1,2,4-Trichlorobenzene	4.1	Not Detected	31	Not Detected
Hexachlorobutadiene	4.1	Not Detected	44	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	100	70-130



Air Toxics

Client Sample ID: GC-B03-V01-022112

Lab ID#: 1202547-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3022924	Date of Collection:	2/21/12 3:24:00 PM
Dil. Factor:	1.61	Date of Analysis:	3/1/12 09:54 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.80	49	4.0	240
Freon 114	0.80	Not Detected	5.6	Not Detected
Chloromethane	8.0	Not Detected	17	Not Detected
Vinyl Chloride	0.80	Not Detected	2.0	Not Detected
1,3-Butadiene	0.80	Not Detected	1.8	Not Detected
Bromomethane	8.0	Not Detected	31	Not Detected
Chloroethane	3.2	Not Detected	8.5	Not Detected
Freon 11	0.80	40	4.5	230
Ethanol	3.2	Not Detected	6.1	Not Detected
Freon 113	0.80	Not Detected	6.2	Not Detected
1,1-Dichloroethene	0.80	Not Detected	3.2	Not Detected
Acetone	8.0	Not Detected	19	Not Detected
2-Propanol	3.2	Not Detected	7.9	Not Detected
Carbon Disulfide	3.2	Not Detected	10	Not Detected
3-Chloropropene	3.2	Not Detected	10	Not Detected
Methylene Chloride	8.0	Not Detected	28	Not Detected
Methyl tert-butyl ether	0.80	Not Detected	2.9	Not Detected
trans-1,2-Dichloroethene	0.80	Not Detected	3.2	Not Detected
Hexane	0.80	Not Detected	2.8	Not Detected
1,1-Dichloroethane	0.80	Not Detected	3.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.2	Not Detected	9.5	Not Detected
cis-1,2-Dichloroethene	0.80	Not Detected	3.2	Not Detected
Tetrahydrofuran	0.80	Not Detected	2.4	Not Detected
Chloroform	0.80	Not Detected	3.9	Not Detected
1,1,1-Trichloroethane	0.80	Not Detected	4.4	Not Detected
Cyclohexane	0.80	Not Detected	2.8	Not Detected
Carbon Tetrachloride	0.80	Not Detected	5.1	Not Detected
2,2,4-Trimethylpentane	0.80	Not Detected	3.8	Not Detected
Benzene	0.80	Not Detected	2.6	Not Detected
1,2-Dichloroethane	0.80	Not Detected	3.2	Not Detected
Heptane	0.80	Not Detected	3.3	Not Detected
Trichloroethene	0.80	Not Detected	4.3	Not Detected
1,2-Dichloropropane	0.80	Not Detected	3.7	Not Detected
1,4-Dioxane	3.2	Not Detected	12	Not Detected
Bromodichloromethane	0.80	Not Detected	5.4	Not Detected
cis-1,3-Dichloropropene	0.80	Not Detected	3.6	Not Detected
4-Methyl-2-pentanone	0.80	Not Detected	3.3	Not Detected
Toluene	0.80	6.1	3.0	23
trans-1,3-Dichloropropene	0.80	Not Detected	3.6	Not Detected
1,1,2-Trichloroethane	0.80	Not Detected	4.4	Not Detected
Tetrachloroethene	0.80	Not Detected	5.5	Not Detected
2-Hexanone	3.2	Not Detected	13	Not Detected



Air Toxics

Client Sample ID: GC-B03-V01-022112

Lab ID#: 1202547-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3022924	Date of Collection:	2/21/12 3:24:00 PM
Dil. Factor:	1.61	Date of Analysis:	3/1/12 09:54 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.80	Not Detected	6.8	Not Detected
1,2-Dibromoethane (EDB)	0.80	Not Detected	6.2	Not Detected
Chlorobenzene	0.80	Not Detected	3.7	Not Detected
Ethyl Benzene	0.80	Not Detected	3.5	Not Detected
m,p-Xylene	0.80	2.4	3.5	11
o-Xylene	0.80	Not Detected	3.5	Not Detected
Styrene	0.80	Not Detected	3.4	Not Detected
Bromoform	0.80	Not Detected	8.3	Not Detected
Cumene	0.80	Not Detected	4.0	Not Detected
1,1,2,2-Tetrachloroethane	0.80	Not Detected	5.5	Not Detected
Propylbenzene	0.80	Not Detected	4.0	Not Detected
4-Ethyltoluene	0.80	Not Detected	4.0	Not Detected
1,3,5-Trimethylbenzene	0.80	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.80	Not Detected	4.0	Not Detected
1,3-Dichlorobenzene	0.80	Not Detected	4.8	Not Detected
1,4-Dichlorobenzene	0.80	Not Detected	4.8	Not Detected
alpha-Chlorotoluene	0.80	Not Detected	4.2	Not Detected
1,2-Dichlorobenzene	0.80	Not Detected	4.8	Not Detected
1,2,4-Trichlorobenzene	3.2	Not Detected	24	Not Detected
Hexachlorobutadiene	3.2	Not Detected	34	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: GC-B02-V01-022112

Lab ID#: 1202547-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3022925	Date of Collection:	2/21/12 5:03:00 PM
Dil. Factor:	1.55	Date of Analysis:	3/1/12 10:18 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.78	2.9	3.8	14
Freon 114	0.78	Not Detected	5.4	Not Detected
Chloromethane	7.8	Not Detected	16	Not Detected
Vinyl Chloride	0.78	Not Detected	2.0	Not Detected
1,3-Butadiene	0.78	Not Detected	1.7	Not Detected
Bromomethane	7.8	Not Detected	30	Not Detected
Chloroethane	3.1	Not Detected	8.2	Not Detected
Freon 11	0.78	1.7	4.4	9.5
Ethanol	3.1	3.8	5.8	7.2
Freon 113	0.78	Not Detected	5.9	Not Detected
1,1-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Acetone	7.8	86	18	200
2-Propanol	3.1	Not Detected	7.6	Not Detected
Carbon Disulfide	3.1	4.2	9.6	13
3-Chloropropene	3.1	Not Detected	9.7	Not Detected
Methylene Chloride	7.8	Not Detected	27	Not Detected
Methyl tert-butyl ether	0.78	Not Detected	2.8	Not Detected
trans-1,2-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Hexane	0.78	6.7	2.7	24
1,1-Dichloroethane	0.78	Not Detected	3.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.1	5.9	9.1	17
cis-1,2-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Tetrahydrofuran	0.78	Not Detected	2.3	Not Detected
Chloroform	0.78	Not Detected	3.8	Not Detected
1,1,1-Trichloroethane	0.78	Not Detected	4.2	Not Detected
Cyclohexane	0.78	3.5	2.7	12
Carbon Tetrachloride	0.78	Not Detected	4.9	Not Detected
2,2,4-Trimethylpentane	0.78	1.3	3.6	6.2
Benzene	0.78	24	2.5	75
1,2-Dichloroethane	0.78	Not Detected	3.1	Not Detected
Heptane	0.78	6.0	3.2	25
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2-Dichloropropane	0.78	Not Detected	3.6	Not Detected
1,4-Dioxane	3.1	Not Detected	11	Not Detected
Bromodichloromethane	0.78	Not Detected	5.2	Not Detected
cis-1,3-Dichloropropene	0.78	Not Detected	3.5	Not Detected
4-Methyl-2-pentanone	0.78	2.0	3.2	8.1
Toluene	0.78	53	2.9	200
trans-1,3-Dichloropropene	0.78	Not Detected	3.5	Not Detected
1,1,2-Trichloroethane	0.78	Not Detected	4.2	Not Detected
Tetrachloroethene	0.78	Not Detected	5.2	Not Detected
2-Hexanone	3.1	Not Detected	13	Not Detected



Air Toxics

Client Sample ID: GC-B02-V01-022112

Lab ID#: 1202547-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3022925	Date of Collection:	2/21/12 5:03:00 PM
Dil. Factor:	1.55	Date of Analysis:	3/1/12 10:18 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.78	Not Detected	6.6	Not Detected
1,2-Dibromoethane (EDB)	0.78	Not Detected	6.0	Not Detected
Chlorobenzene	0.78	Not Detected	3.6	Not Detected
Ethyl Benzene	0.78	5.0	3.4	22
m,p-Xylene	0.78	12	3.4	51
o-Xylene	0.78	3.8	3.4	17
Styrene	0.78	Not Detected	3.3	Not Detected
Bromoform	0.78	Not Detected	8.0	Not Detected
Cumene	0.78	Not Detected	3.8	Not Detected
1,1,2,2-Tetrachloroethane	0.78	Not Detected	5.3	Not Detected
Propylbenzene	0.78	Not Detected	3.8	Not Detected
4-Ethyltoluene	0.78	0.83	3.8	4.1
1,3,5-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,2,4-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,3-Dichlorobenzene	0.78	Not Detected	4.6	Not Detected
1,4-Dichlorobenzene	0.78	Not Detected	4.6	Not Detected
alpha-Chlorotoluene	0.78	Not Detected	4.0	Not Detected
1,2-Dichlorobenzene	0.78	Not Detected	4.6	Not Detected
1,2,4-Trichlorobenzene	3.1	Not Detected	23	Not Detected
Hexachlorobutadiene	3.1	Not Detected	33	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	102	70-130



Air Toxics

Client Sample ID: BS-B02-V01-022212

Lab ID#: 1202547-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3022926	Date of Collection:	2/22/12 11:02:00 AM
Dil. Factor:	1.58	Date of Analysis:	3/1/12 10:37 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.79	Not Detected	3.9	Not Detected
Freon 114	0.79	Not Detected	5.5	Not Detected
Chloromethane	7.9	13	16	26
Vinyl Chloride	0.79	1.4	2.0	3.7
1,3-Butadiene	0.79	Not Detected	1.7	Not Detected
Bromomethane	7.9	Not Detected	31	Not Detected
Chloroethane	3.2	6.3	8.3	17
Freon 11	0.79	Not Detected	4.4	Not Detected
Ethanol	3.2	16	6.0	30
Freon 113	0.79	Not Detected	6.0	Not Detected
1,1-Dichloroethene	0.79	Not Detected	3.1	Not Detected
Acetone	7.9	140	19	340
2-Propanol	3.2	Not Detected	7.8	Not Detected
Carbon Disulfide	3.2	Not Detected	9.8	Not Detected
3-Chloropropene	3.2	Not Detected	9.9	Not Detected
Methylene Chloride	7.9	Not Detected	27	Not Detected
Methyl tert-butyl ether	0.79	Not Detected	2.8	Not Detected
trans-1,2-Dichloroethene	0.79	Not Detected	3.1	Not Detected
Hexane	0.79	5.1	2.8	18
1,1-Dichloroethane	0.79	Not Detected	3.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.2	12	9.3	37
cis-1,2-Dichloroethene	0.79	Not Detected	3.1	Not Detected
Tetrahydrofuran	0.79	Not Detected	2.3	Not Detected
Chloroform	0.79	Not Detected	3.8	Not Detected
1,1,1-Trichloroethane	0.79	Not Detected	4.3	Not Detected
Cyclohexane	0.79	1.4	2.7	4.8
Carbon Tetrachloride	0.79	Not Detected	5.0	Not Detected
2,2,4-Trimethylpentane	0.79	0.88	3.7	4.1
Benzene	0.79	6.2	2.5	20
1,2-Dichloroethane	0.79	Not Detected	3.2	Not Detected
Heptane	0.79	2.9	3.2	12
Trichloroethene	0.79	Not Detected	4.2	Not Detected
1,2-Dichloropropane	0.79	Not Detected	3.6	Not Detected
1,4-Dioxane	3.2	Not Detected	11	Not Detected
Bromodichloromethane	0.79	Not Detected	5.3	Not Detected
cis-1,3-Dichloropropene	0.79	Not Detected	3.6	Not Detected
4-Methyl-2-pentanone	0.79	13	3.2	53
Toluene	0.79	26	3.0	97
trans-1,3-Dichloropropene	0.79	Not Detected	3.6	Not Detected
1,1,2-Trichloroethane	0.79	Not Detected	4.3	Not Detected
Tetrachloroethene	0.79	1.6	5.4	11
2-Hexanone	3.2	Not Detected	13	Not Detected



Client Sample ID: BS-B02-V01-022212

Lab ID#: 1202547-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3022926	Date of Collection:	2/22/12 11:02:00 AM
Dil. Factor:	1.58	Date of Analysis:	3/1/12 10:37 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.79	Not Detected	6.7	Not Detected
1,2-Dibromoethane (EDB)	0.79	Not Detected	6.1	Not Detected
Chlorobenzene	0.79	Not Detected	3.6	Not Detected
Ethyl Benzene	0.79	4.5	3.4	19
m,p-Xylene	0.79	14	3.4	59
o-Xylene	0.79	4.9	3.4	21
Styrene	0.79	Not Detected	3.4	Not Detected
Bromoform	0.79	Not Detected	8.2	Not Detected
Cumene	0.79	Not Detected	3.9	Not Detected
1,1,2,2-Tetrachloroethane	0.79	Not Detected	5.4	Not Detected
Propylbenzene	0.79	0.94	3.9	4.6
4-Ethyltoluene	0.79	3.2	3.9	16
1,3,5-Trimethylbenzene	0.79	0.84	3.9	4.1
1,2,4-Trimethylbenzene	0.79	2.0	3.9	9.8
1,3-Dichlorobenzene	0.79	Not Detected	4.8	Not Detected
1,4-Dichlorobenzene	0.79	Not Detected	4.8	Not Detected
alpha-Chlorotoluene	0.79	Not Detected	4.1	Not Detected
1,2-Dichlorobenzene	0.79	Not Detected	4.7	Not Detected
1,2,4-Trichlorobenzene	3.2	Not Detected	23	Not Detected
Hexachlorobutadiene	3.2	Not Detected	34	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	103	70-130



Air Toxics

Client Sample ID: CD-B01-V01-022312

Lab ID#: 1202547-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3022927	Date of Collection:	2/23/12 3:55:00 PM
Dil. Factor:	1.49	Date of Analysis:	3/1/12 10:57 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.74	4.4	3.7	22
Freon 114	0.74	32	5.2	220
Chloromethane	7.4	Not Detected	15	Not Detected
Vinyl Chloride	0.74	0.80	1.9	2.0
1,3-Butadiene	0.74	Not Detected	1.6	Not Detected
Bromomethane	7.4	Not Detected	29	Not Detected
Chloroethane	3.0	Not Detected	7.9	Not Detected
Freon 11	0.74	Not Detected	4.2	Not Detected
Ethanol	3.0	6.3	5.6	12
Freon 113	0.74	Not Detected	5.7	Not Detected
1,1-Dichloroethene	0.74	Not Detected	3.0	Not Detected
Acetone	7.4	47	18	110
2-Propanol	3.0	Not Detected	7.3	Not Detected
Carbon Disulfide	3.0	5.3	9.3	16
3-Chloropropene	3.0	Not Detected	9.3	Not Detected
Methylene Chloride	7.4	Not Detected	26	Not Detected
Methyl tert-butyl ether	0.74	Not Detected	2.7	Not Detected
trans-1,2-Dichloroethene	0.74	Not Detected	3.0	Not Detected
Hexane	0.74	19	2.6	67
1,1-Dichloroethane	0.74	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.0	4.6	8.8	14
cis-1,2-Dichloroethene	0.74	Not Detected	3.0	Not Detected
Tetrahydrofuran	0.74	Not Detected	2.2	Not Detected
Chloroform	0.74	Not Detected	3.6	Not Detected
1,1,1-Trichloroethane	0.74	Not Detected	4.1	Not Detected
Cyclohexane	0.74	4.7	2.6	16
Carbon Tetrachloride	0.74	Not Detected	4.7	Not Detected
2,2,4-Trimethylpentane	0.74	8.2	3.5	38
Benzene	0.74	10	2.4	33
1,2-Dichloroethane	0.74	Not Detected	3.0	Not Detected
Heptane	0.74	5.4	3.0	22
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2-Dichloropropane	0.74	Not Detected	3.4	Not Detected
1,4-Dioxane	3.0	Not Detected	11	Not Detected
Bromodichloromethane	0.74	Not Detected	5.0	Not Detected
cis-1,3-Dichloropropene	0.74	Not Detected	3.4	Not Detected
4-Methyl-2-pentanone	0.74	5.0	3.0	20
Toluene	0.74	29	2.8	110
trans-1,3-Dichloropropene	0.74	Not Detected	3.4	Not Detected
1,1,2-Trichloroethane	0.74	Not Detected	4.1	Not Detected
Tetrachloroethene	0.74	1.2	5.0	7.8
2-Hexanone	3.0	Not Detected	12	Not Detected



Air Toxics

Client Sample ID: CD-B01-V01-022312

Lab ID#: 1202547-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3022927	Date of Collection:	2/23/12 3:55:00 PM
Dil. Factor:	1.49	Date of Analysis:	3/1/12 10:57 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.74	Not Detected	6.3	Not Detected
1,2-Dibromoethane (EDB)	0.74	Not Detected	5.7	Not Detected
Chlorobenzene	0.74	Not Detected	3.4	Not Detected
Ethyl Benzene	0.74	2.7	3.2	12
m,p-Xylene	0.74	8.7	3.2	38
o-Xylene	0.74	2.8	3.2	12
Styrene	0.74	Not Detected	3.2	Not Detected
Bromoform	0.74	Not Detected	7.7	Not Detected
Cumene	0.74	Not Detected	3.7	Not Detected
1,1,2,2-Tetrachloroethane	0.74	Not Detected	5.1	Not Detected
Propylbenzene	0.74	Not Detected	3.7	Not Detected
4-Ethyltoluene	0.74	1.2	3.7	5.8
1,3,5-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
1,2,4-Trimethylbenzene	0.74	0.83	3.7	4.1
1,3-Dichlorobenzene	0.74	Not Detected	4.5	Not Detected
1,4-Dichlorobenzene	0.74	0.83	4.5	5.0
alpha-Chlorotoluene	0.74	Not Detected	3.8	Not Detected
1,2-Dichlorobenzene	0.74	Not Detected	4.5	Not Detected
1,2,4-Trichlorobenzene	3.0	Not Detected	22	Not Detected
Hexachlorobutadiene	3.0	Not Detected	32	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	101	70-130