

APPENDIX C

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

CLYDE CITY DUMP SITE

McPherson Highway
Clyde, Ohio 43410
Latitude: 41.3021° North
Longitude: -82.9853° West

June 29, 2012

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ABBREVIATIONS AND ACRONYMS

ALS	ALS Laboratory Group
AUL	Activity and Use Limitation
bgs	Below Ground Surface
BTEX	Benzene, Toluene, Ethylbenzene, And Total Xylenes
CFR	Code of Federal Regulations
EDR	Environmental Data Resources, Inc.
ft	Feet, Foot
HDPE	High-Density Polyethylene
NGS	National Geochemical Survey
MCL	Maximum Contaminant Level
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

This section discusses the Site description and history.

1.1 SITE DESCRIPTION

The Clyde City Dump Site (Site) is located in a mixed industrial/commercial/agricultural area in the City of Clyde. The approximate geographic coordinates for the Clyde City Dump Site are latitude 41.3021° North and longitude -82.9853° West (**Figure C1**). The waste footprint on the Site is approximately 25 acres in size and is bordered on the west by Raccoon Creek (**Figure C2**).

1.2 SITE HISTORY

1.2.1 Ohio EPA Records Review

According to historical documents obtained from the Ohio EPA, the Site has been used as a dump since at least the 1930s. The dump received wastes from at least the 1930s through late 1969 but was never properly closed. Municipal, commercial, and industrial wastes were reportedly deposited in the dump, including appliances, drummed paint, enamel sludge, auto parts, waste oils, and solvents. The liquid wastes were deposited in bulk and containerized form into the dump. Flammable and combustible materials were frequently burned, including “rubbish” from Whirlpool Clyde Facility. In addition, trenches were reportedly used to dispose of liquid wastes.

Leachate outbreaks along Raccoon Creek continue to occur. Historically, drums of dried paint sludge had been present in the creek but have been removed. A large quantity of soil from the construction of the Whirlpool Corporation’s distribution center was placed on the fill area of the dump in the early 1990s. A summary of the historical documents obtained from Ohio EPA is provided in **Appendix C1**.

1.2.2 U.S. EPA Records Review

No records were obtained from the U.S. EPA for the Site.

1.2.3 Environmental Database Search

To supplement information obtained from Ohio 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.
- *Environmental Lien Search Report* – This report includes results from a search of currently available land title records for environmental cleanup liens and other activity and use limitations.
- *Property Tax Map Report* – Property tax maps were not available to EDR for this parcel.

Copies of the reports are provided in **Appendix C2**. Summaries of each of the standard environmental record source reviews are provided below.

1.2.3.1 Radius Map Report with GeoCheck

A total of 25 properties listed on various federal and state databases were located within a 1-mile radius of the Site:

Name	Address	Direction/Distance	Database
Clyde Dump	State Rte 510	SE, 3630 FT	DERR; CERCLIS; FINDS; SPILLS

Name	Address	Direction/Distance	Database
Whirlpool Corporation	119 Birdseye St.	S, 3400 FT	CORRACTS; RCRA-LQG; LUST; UST; UIC; TRIS; FINDS
Valspar Corp.	119 Birdseye St.	S, 3400 FT	RCRA-NonGen
Clyde Paint and Supply Company	435 W. Mulberry St.	S, 4950 FT	CORRACTS; CERC-NFRAP; RCRA-NonGen; FINDS; DERR
Superior Dot Cleaners, Inc.	116 E. McPherson	SE, 3990 FT	RCRA-SQG; FINDS
M and N Mobil	307 W. McPherson	SE, 2970 FT	RCRA-SQG; FINDS
Superior Dot, Inc.	870 N. Woodland Ave	W, 1320 FT	RCRA-SQG; FINDS
Ohio National Guard	803 W. McPherson	SW, 2460 FT	RCRA-SQG; FINDS
Speedway 3606	108 McPherson	SE, 3990 FT	RCRA-CESQG; LUST; UST; FINDS
HD Express Mart, Inc.	506 N. Main St.	SE, 3630 FT	LUST; UST
Municipal Building	222 N. Main St.	SE, 4620 FT	LUST; UST; UIC
BP Oil Co. #06526	105 W. McPherson	SE, 3990 FT	LUST; UST; RCRA-NonGen; FINDS
Clyde Central Office	120 Buckeye St.	S, 3400 FT	LUST; UST
Right-of-Way	917 Vine St.	SE, 3960 FT	LUST; UST
R&R Service	110 E. McPherson	SE, 3990 FT	LUST; UST
Billings Garage	231 E. McPherson	SE, 4720 FT	LUST; UST
Chucks Marathon	215 W. McPherson	SE, 3400 FT	LUST; UST
M&M Sunoco	307 W. McPherson	SE, 2970 FT	LUST; UST; UIC; ARCHIVE UST; RCRA-NonGen
Imperial Plating Co.	518 W. McPherson	S, 1980 FT	LUST; UST
City of Clyde	803 W. McPherson	SW, 2640 FT	LUST; UST
City of Clyde	853 N. Main St.	SE, 3630 FT	RCRA-CESQG; FINDS
Nagy Auto Body	133 McPherson	SE, 3990 FT	RCRA-NonGen; FINDS
Joes Cleaners	109 W. Buckeye	SE, 5280 FT	RCRA-NonGen; FINDS
Signal Delivery Service, Inc.	518 W. McPherson	S, 1980 FT	RCRA-NonGen; FINDS
Clyde Gas Company	Birdseye St. at RR	S, 4950 FT	TOWNGAS; Manufactured Gas Plants

Notes:

CERC-NFRAP – CERCLIS No Further Remedial Action Planned

CORRACTS – Corrective Action Report, Federal Resource and Conservation Recovery Act (RCRA) facilities list

DERR – Division of Emergency and Remedial Response’s Database
 FINDS - Facility Index System/Facility Registry System
 HIST LF – Old Solid Waste Landfill list
 LUST – Leaking Underground Storage Tank File
 RCRA-CESQG – RCRA Conditionally Exempt Small Quantity Generator
 RCRA-LQG – RCRA Large Quantity Generator
 RCRA-NonGen – RCRA Non-Generator
 RCRA-SQG – RCRA Small Quantity Generator
 SPILLS - Emergency Response Database
 SWRCY - Local Lists of Landfill/Solid Waste Disposal Sites
 TOWNGAS – DERR Towngas Database
 UIC - Underground Injection Wells Listing
 UST – Underground Storage Tank File

An additional 22 properties without complete address information were included in the EDR report. Nine of the properties appeared to be already listed on the sites summary. Two properties appeared to be within a 1-mile radius of the Site:

Name	Address	Direction/Distance	Database
Clyde Armory	N. Main St.	SE, 3630 FT	FINDS
Certified Gas Station 352	1014 McPherson	SW, 3960 FT	RCRA-CESQG

Notes:
 FINDS - Facility Index System/Facility Registry System
 RCRA-CESQG – RCRA Conditionally Exempt Small Quantity Generator

1.2.3.2 Aerial Photo Decade Package

The 1960 aerial photograph is of poor quality; however, several small dark areas on the northern portion of the Site may be ponds. The Site is surrounded by fields, and is bordered on the west by Raccoon Creek. The City of Clyde is present to the southeast. The Site is clearly disturbed on the 1969 aerial photograph, and the wastewater treatment ponds are visible on the southern portion of the property. Several dark, irregular, pond-like areas are present on the northern portion of the Site amid the disturbed area. The 1977 and 1983 aerial photographs are of poor quality; however, the wastewater treatment ponds and disturbed areas appear to still be present. The wastewater treatment ponds have been reconfigured as shown on the 1988 and 1995 aerial photographs, and the northern portion of the Site still appears disturbed, but without the irregular ponds. The northern portion of the Site appears to be vegetated in the 2000 aerial photograph. The surrounding area consists of fields and woodlands, with the City of Clyde to the south and southeast, which expanded toward the Site over the years. A junkyard is present directly west of the Site, across Raccoon Creek.

1.2.3.3 Historical Topographic Map Report

The 1903 topographic map shows the Site is located in a sparsely populated area just northwest of the City of Clyde. Raccoon Creek is the western boundary of the Site. The 1959 and 1969 topographic maps show a pit on the northern portion of the Site, and a sewage disposal facility on the southern portion of the Site. The 1959 map also shows a pond along Raccoon Creek on the northern portion of the Site.

1.2.3.4 Certified Sanborn Map Report

Sanborn maps were available for the years 1923 and 1948 for Clyde, Ohio. However, they did not include the Site property.

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 Environmental Lien Search Report

No environmental liens or other activity and use limitations (AULs) were located for the Site.

1.2.3.8 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. At the Clyde City 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 C3**.

2.1 GEOPHYSICAL SURVEY

A geophysical survey was not conducted at the Clyde City Dump Site because of the reported presence of numerous buried metallic objects including appliances, automotive parts, etc.

2.2 SUBSURFACE SOIL CHARACTERIZATION

On February 22, 2012, the U.S. EPA OSCs, START members, and Buckeye Probe mobilized to the Site for advancement of soil borings at seven locations (**Figure C3**). 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 C4**).

Sampling locations and depth intervals were selected based on preliminary findings of the geophysical survey, historical data, field conditions, and field screening results. Four soil borings were advanced within the apparent limits of the waste disposal area at the Site. Soil borings CD-B05 and CD-B06 were advanced outside and down gradient of the apparent limits of the waste disposal area. Soil boring CD-B07 was advanced at the south entrance to the landfill, based on information provided to the U.S. EPA suggesting that buried waste drums may be present in that area. The seven soil borings were completed at depths ranging from 8 to 24 feet (ft) below ground surface (bgs).

In addition, two surface soil samples, CD-S01 and CD-S02, were collected from areas of leachate seepage along the western edge of the Site adjacent to Raccoon Creek.

Up to two soil samples were collected from each soil boring location. One sample was collected from each leachate seep 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. 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 23, 2012, from two temporary monitoring wells installed at the Site (**Figure C3**), CD-B04 and CD-B05. Two additional temporary monitoring wells were also installed at the Site; however, water was not present in CD-B03 after letting the temporary monitoring well sit overnight, and CD-B06 purged dry quickly and did not recover sufficiently to allow sampling.

Samples were collected utilizing the low-flow groundwater sampling technique 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 a HANNA Instruments turbidimeter. Samples were collected in laboratory-supplied containers and placed in a cooler on ice for delivery to ALS in Holland, Michigan. 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 CD-B01 and CD-B03 at the Site. START collected soil vapor samples 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 8 to 12 ft bgs at CD-B01 and 6 to 8 ft bgs at CD-B03. Installation depths for soil vapor probes were selected after observing the soil cores and

reviewing the boring logs in **Appendix C4**. Each vapor probe was connected to dedicated Teflon tubing that extended to the ground surface. Vapor probes were surrounded by a 2- to 4-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 Subsurface Soil Physical Results

The four borings completed within the apparent waste disposal area (CD-B01 through CD-B04) were composed of 8 ft of sand and silt (the landfill cap), underlain by 4 to 8 ft of waste fill (plastic, glass, metal), followed by clay. Soil boring CD-B05, completed down gradient of the apparent waste disposal area, was composed of 1 ft of clay, followed by 3 ft of waste fill (metal, brick fragments), followed by gravel and sand, then clay. Soil boring CD-B06, also completed down gradient, was composed of 4 ft of silt, underlain by 2 ft of sand, followed by clay. Soil boring CD-B07, completed near the southern entrance to the waste disposal area, consisted of 8 ft of clay. All soil borings were advanced to the underlying clay lacustrine deposit, which would represent undisturbed strata on the Site.

The two surface soil samples, CD-S01 and CD-S02, collected from areas of leachate seepage along the Raccoon Creek bank, consisted of saturated soil and were orange and black in color, respectively.

3.1.2 Groundwater Physical Results

The depth to water at the three temporary monitoring wells ranged from 4.42 to 12.55 ft below top of casing for CD-B03, CD-B04, and CD-B05. **Figure C4** illustrates the groundwater elevations at the Site. Groundwater and/or leachate flow at the Site is complicated because of the presence of trenches in the waste disposal area, as well as non-homogeneous placement of waste material. A trench capturing leachate is located along the north and east sides of the Site, and leachate was observed discharging from the bank several feet above Raccoon Creek along the west side of the Site. The Site itself is higher in elevation than the surrounding land because of the placement of waste materials and cover material on the Site. The presence and quantity of leachate and/or groundwater is highly variable, as evidenced by historical reports as well as by

the lack of groundwater in CD-B06 and the limited groundwater found in CD-B03. Therefore, an accurate representation of the actual groundwater or leachate flow potential direction at the Site could not be produced from the limited data collected as part of this assessment.

3.1.3 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 2.4 parts per million (ppm). The highest headspace reading, 2.4 ppm, was detected at CD-B04, at a depth of 0 to 2 ft bgs, in gray clay with black streaks.

3.2 LABORATORY ANALYTICAL FINDINGS

At the Clyde City 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 C1**. The analytical data validation reports are presented in **Appendix C5**.

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 3.5 to 52 mg/kg. Antimony, cadmium, cobalt, iron, lead, and manganese were detected above their respective RSLs primarily at CD-B04 (10 to 12 ft). In addition, PCB Aroclor 1254 was detected above the

RSL of 0.22 mg/kg at soil borings CD-B01 (8 to 12 ft), CD-B03 (14 to 18 ft), CD-B05 (0 to 2 ft), and CD-B07 (0 to 2 ft) at concentrations ranging from 0.26 to 40 mg/kg. Ethylbenzene was detected above the RSL of 5.4 mg/kg at CD-B04 (10 to 12 ft) at a concentration of 17 mg/kg. Several SVOCs were detected above their respective RSLs at multiple sampling locations, including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, indeno(1,2,3-cd)pyrene, and naphthalene. No other analytes were detected above their respective RSLs. **Figure C5** illustrates the soil sample analytical results which exceeded the Residential RSLs. Contaminants were not detected in the TCLP samples above the U.S. EPA Maximum Concentration of Contaminants for the Toxicity Characteristic (40 CFR 261.24).

The two surface soil samples CD-S01 (0 to 0.5 ft) and CD-S02 (0 to 0.5 ft) collected from the areas of leachate seepage along the Raccoon Creek bank contained total arsenic above the RSL of 0.39 mg/kg for both samples collected, at concentrations of 10 and 6.5 mg/kg, respectively. PCB Aroclor 1254 was detected above the RSL of 0.22 mg/kg at surface soil sample CD-S01 (0 to 0.5 ft) at a concentration of 0.39 mg/kg. Cobalt was detected above the RSL of 23 mg/kg at surface soil sample CD-S02 (0 to 0.5 ft) at a concentration of 45 mg/kg. Several SVOCs were detected above their respective RSLs at both sampling locations, including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene. No other analytes were detected above their respective RSLs. Contaminants were not detected in the surface soil samples at concentrations above the U.S. EPA Maximum Concentration of Contaminants for the Toxicity Characteristic (40 CFR 261.24).

3.2.2 Groundwater Analytical Results

The two groundwater samples, CD-B04 and CD-B05, 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 C2**. The analytical data validation reports are presented in **Appendix C5**.

Neither VOCs nor SVOCs were detected above their respective National Primary Drinking Water Regulations Maximum Contaminant Levels (MCLs) in the groundwater samples.

However, benzene, toluene, ethylbenzene, and total xylenes (BTEX), 2,4-dimethylphenol, naphthalene, o-cresol, p-cresol, and phenol were detected at low levels in the samples.

Antimony, arsenic, barium, and lead were detected above their respective MCLs in one or both samples. No other analytes measured were detected above their respective MCLs. Boron was detected in groundwater collected from monitoring well CD-B04 at a concentration of 270 mg/L, and in CD-B05 at 370 mg/L. An MCL has not been established for boron.

Contaminants were not detected in any of the samples at concentrations above the U.S. EPA Maximum Concentration of Contaminants for the Toxicity Characteristic (40 CFR 261.24).

3.2.3 Soil Vapor Analytical Results

The soil vapor samples were analyzed for VOCs by U.S. EPA Method TO-15. The soil vapor analytical results are presented in **Table C3**. The analytical data validation reports are presented in **Appendix C5**.

Compounds were not 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). Freon 114 was detected in CD-B01 at a concentration of 220 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). No criterion has been established for Freon 114 in 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 seven soil borings and two soil vapor probes were completed at the Site, and samples were collected for analysis at an off-site laboratory. In addition, soil samples were collected from two areas of leachate seepage along Raccoon Creek, and groundwater samples were collected from two temporary groundwater monitoring wells and were sent to an off-site laboratory for analysis. Two additional temporary monitoring wells did not produce enough groundwater to allow sample collection. The distribution and yield of groundwater and/or leachate is highly variable across the Site. The seepage of leachate from the west bank of the Site into Raccoon Creek was visually confirmed.

Soil sample results indicated that several metals, VOCs, SVOCs, and Aroclor 1254 are present in shallow and surface soils at the Site in concentrations above their respective RSLs. In particular, arsenic was present above the RSL in all of the soil samples, at all depths sampled. This may represent a background level of arsenic in the area above the RSL. Antimony, arsenic, barium, and lead were detected in groundwater/leachate above their respective MCLs. Boron was detected at concentrations ranging from 270 to 370 mg/L. An MCL has not been established for boron, nor has Ohio EPA established a Generic Criteria for boron. A nearby state, Michigan, has a Residential Drinking Water criterion of 10 mg/L and a Nonresidential Drinking Water criterion of 10 mg/L for boron, with a footnote indicating that the criterion is based on adverse impacts to plant life and phytotoxicity. In addition, Michigan has a Groundwater Surface Water Interface Criteria of 100 mg/L for boron, with a footnote indicating that the criterion is not protective for surface water that is used as a drinking source (Table 1, Part 201 Generic Cleanup Criteria and Screening Levels). 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 resulted in detections above the U.S. EPA Maximum Concentration of Contaminants for the Toxicity Characteristic (40 CFR 261.24).

Soil vapor results indicated that impacts to soil vapor are not significant at the Site. None of the TCLP analyses resulted in detections of contaminants above the U.S. EPA Maximum Concentration of Contaminants for the Toxicity Characteristic (40 CFR 261.24), indicating that the buried material is not characteristically hazardous waste.

The Clyde Dump site is regulated locally by the Sandusky County Health Department through an approved solid waste program administered by Ohio EPA. Site improvements have been conducted voluntarily by the city through an authorization approved by Ohio EPA. In April 2011, Ohio EPA met with the new city manager, Paul Fiser, regarding the planned SRA and ongoing maintenance activities at the site. Discussion occurred regarding recurrent leachate outbreaks into Raccoon Creek. The city agreed to evaluate subsurface geologic data expected to be developed during the SRA and make recommendations for improvements to address long term leachate control. At that time, the city was considering the potential benefit of installing a leachate collection system that will tie into anticipated improvements to the WWTP east of the fill area. The schedule for the improvements to the WWTP is not yet established.

Vehicular access to the Site is restricted by gates on the access road at the adjacent wastewater treatment plant. However, access is not restricted for persons or animals walking onto the Site from the east, north or west. The Site is covered by grass, and no farming is done at the Site. Shallow and surficial soil contamination was documented by this assessment and previous investigations performed by other agencies.

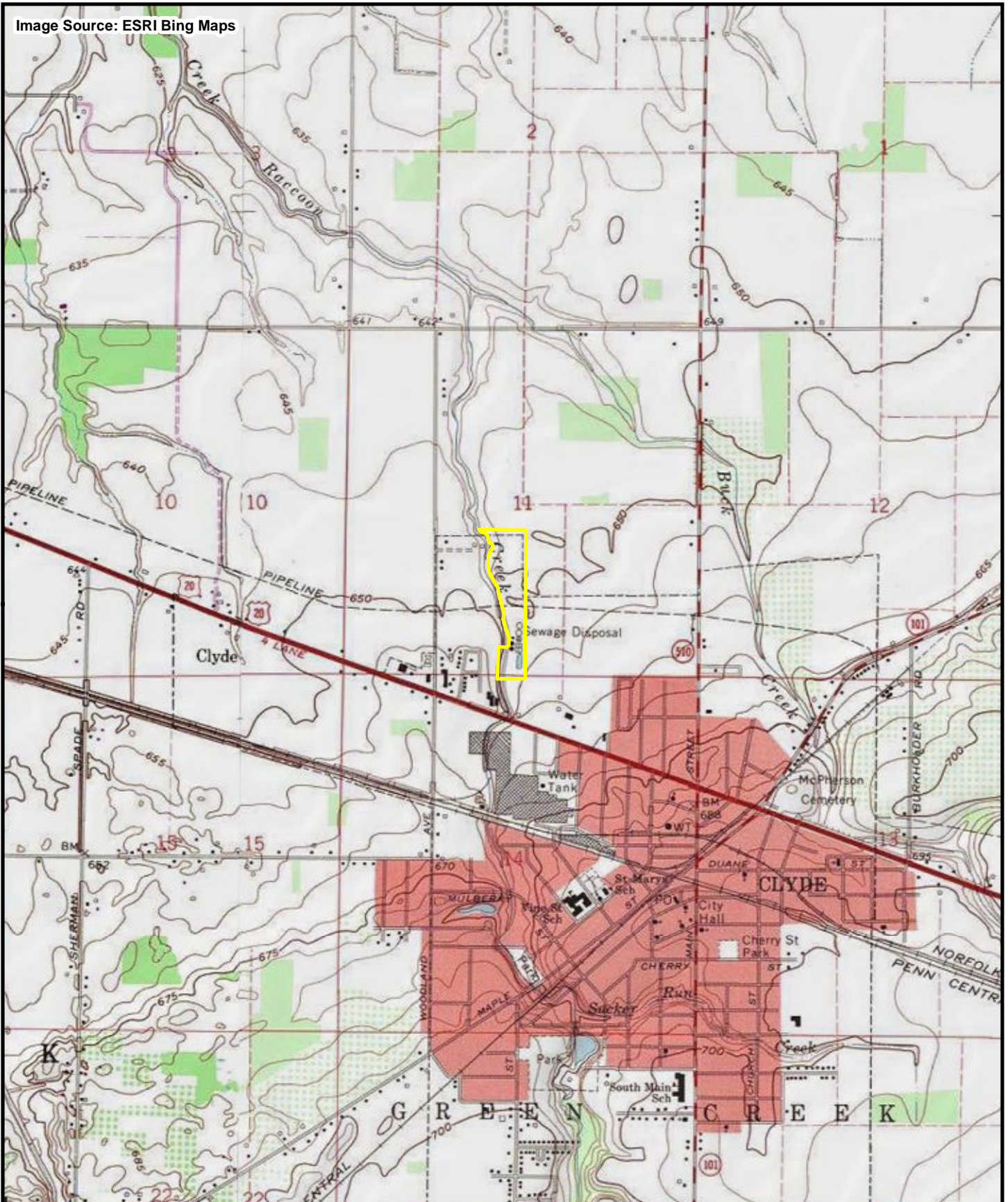
No drums, barrels, tanks or other bulk storage containers were discovered at the Site during this assessment. It has been reported that historically drums containing wastes were disposed of at the Site and had previously been present in Raccoon Creek (but have since been removed from the creek). Reports indicate that wastes were regularly burned at the Site. Therefore, the

potential for unreleased containers of waste exists, but is not deemed to be likely if historical reports are correct.

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 3:08:23 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



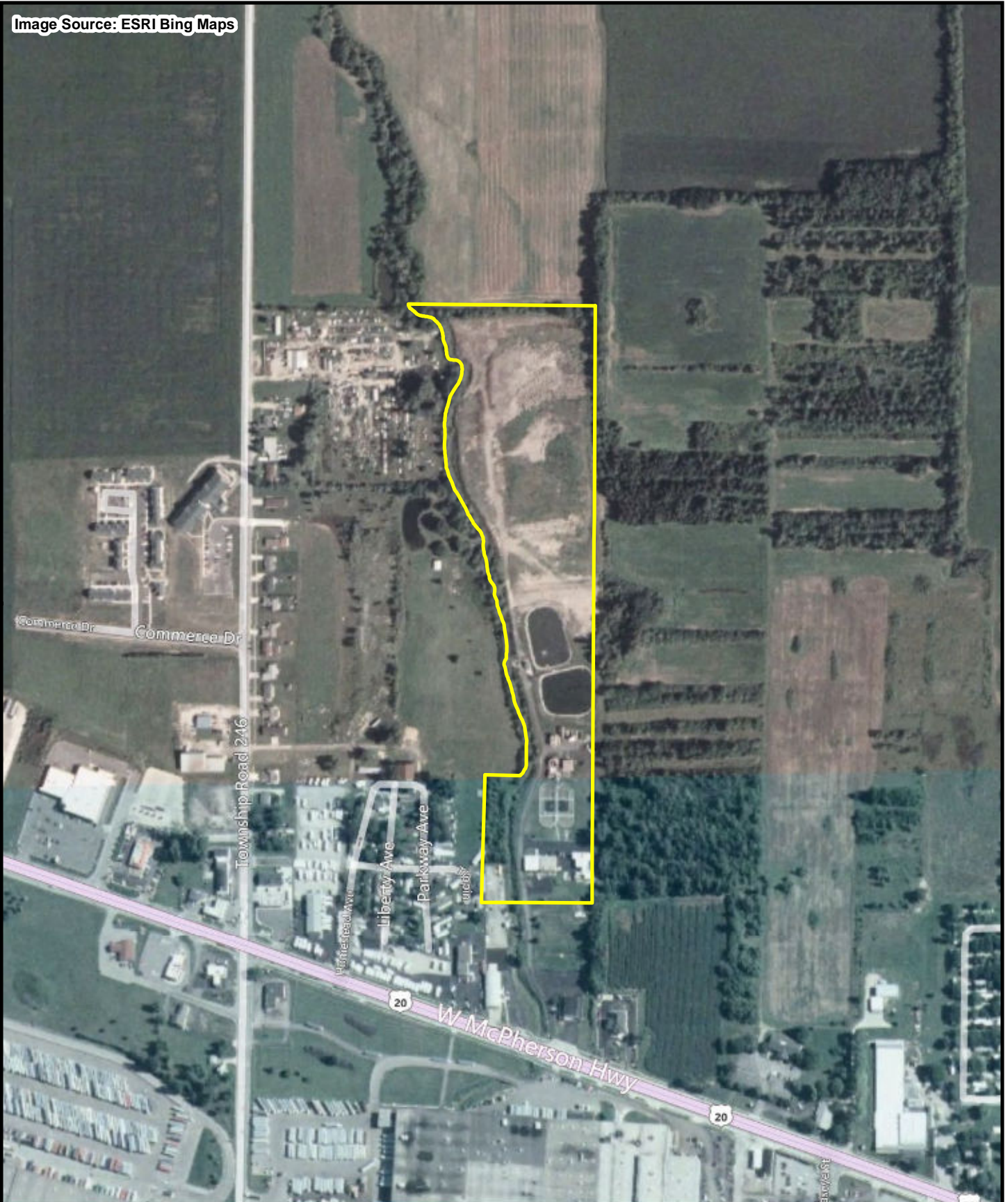
Prepared By:
WESTON SOLUTIONS, INC

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

Figure C-1

Site Location Map
Clyde City 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 3:10:18 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

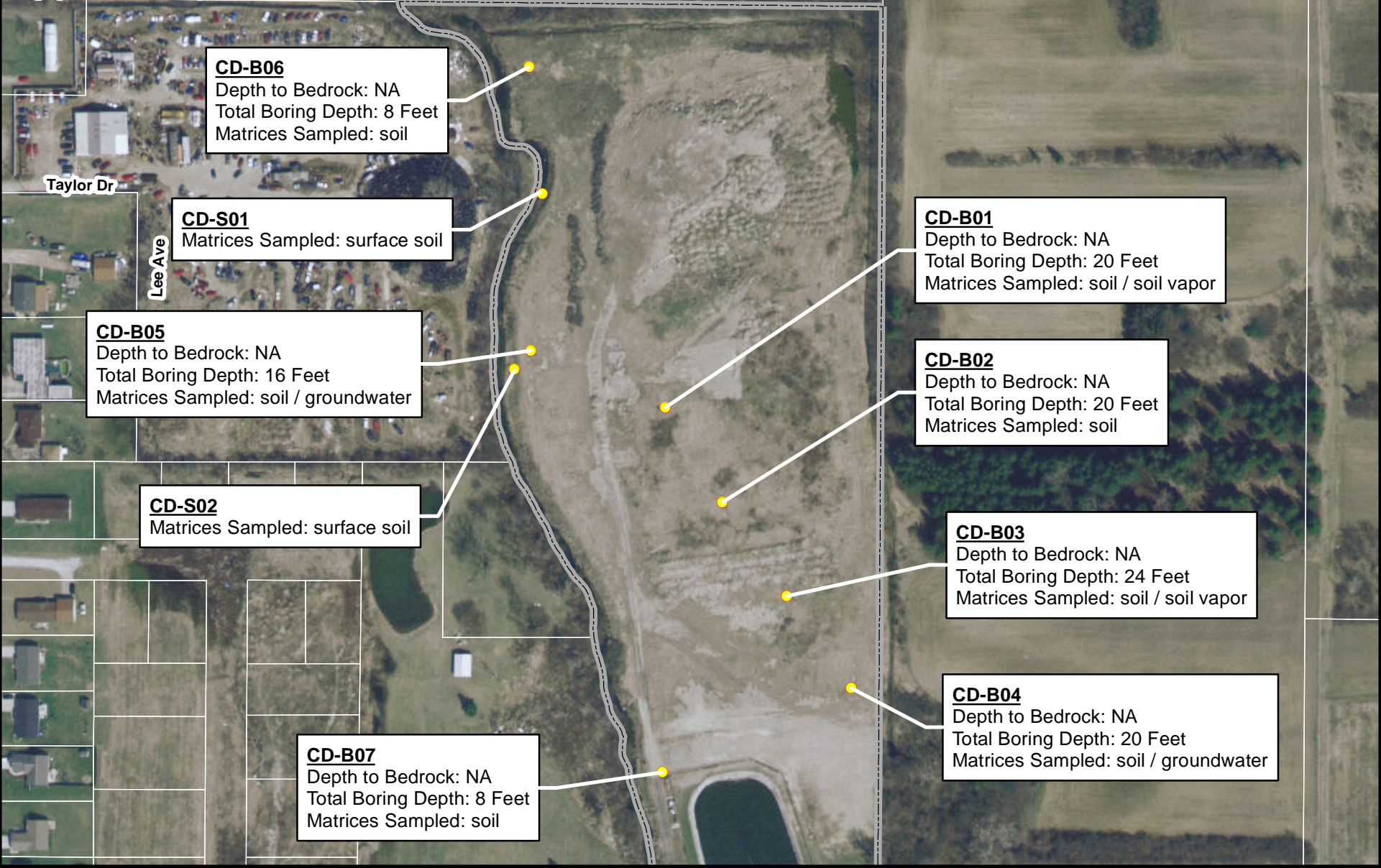


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WESTON SOLUTIONS, INC

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Middleburg Hts, Ohio 44130

Figure C-2
Site Features Map
Clyde City Dump Site
Eastern Sandusky County Dumps SA
Sandusky County, Ohio

Imagery Source: OSIP Map Service



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Legend

- Sampling Locations
- ▭ Subject Property



Prepared For:
U.S. EPA REGION V

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



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Figure C-3
Sampling Locations and
EM Survey Results Map
Clyde City Dump Site
Sandusky County, Ohio

Imagery Source: OSIP Map Service



87.45- Groundwater Elevation
(feet relative to an assumed
benchmark of 100.00 ft)

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Legend

- Subject Property
- Potential GW Flow Direction
- Temporary Monitoring Well Location



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TDD: S05-0001-1111-033
DCN: 1691-2A-AVDK



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Figure C-4
Groundwater Elevation Map
Clyde City Dump Site
Sandusky County, Ohio

Imagery Source: OSIP Map Service

CD-S01 02/22/12

Depth	Parameter	Result	Units	Criteria
0-0.5	Aroclor 1254	0.26	mg/Kg	[0.22]
0-0.5	Aroclor 1254	0.39	mg/Kg	[0.22]
0-0.5	Arsenic	11	mg/Kg	[0.39]
0-0.5	Arsenic	10	mg/Kg	[0.39]
0-0.5	Benzo(a)anthracene	0.22	mg/Kg	[0.15]
0-0.5	Benzo(a)anthracene	1.5	mg/Kg	[0.15]
0-0.5	Benzo(a)pyrene	0.57	mg/Kg	[0.015]
0-0.5	Benzo(a)pyrene	1.5	mg/Kg	[0.015]
0-0.5	Benzo(b)fluoranthene	0.81	mg/Kg	[0.15]
0-0.5	Benzo(b)fluoranthene	1.9	mg/Kg	[0.15]
0-0.5	Indeno(1,2,3-cd)pyrene	0.3	mg/Kg	[0.15]
0-0.5	Indeno(1,2,3-cd)pyrene	0.91	mg/Kg	[0.15]

CD-B06 02/22/12

Depth	Parameter	Result	Units	Criteria
2-4	Arsenic	4.6	mg/Kg	[0.39]

CD-B01 02/23/12

Depth	Parameter	Result	Units	Criteria
8-12	Antimony	33	mg/Kg	[31]
8-12	Aroclor 1254	40	mg/Kg	[0.22]
8-12	Aroclor 1254	28	mg/Kg	[0.22]
8-12	Arsenic	21	mg/Kg	[0.39]
8-12	Arsenic	18	mg/Kg	[0.39]
8-12	Benzo(a)anthracene	0.79	mg/Kg	[0.15]
8-12	Benzo(a)pyrene	0.15	mg/Kg	[0.015]
8-12	Benzo(a)pyrene	1.1	mg/Kg	[0.015]
8-12	Benzo(b)fluoranthene	0.28	mg/Kg	[0.15]
8-12	Benzo(b)fluoranthene	1.6	mg/Kg	[0.15]
8-12	Cobalt	630	mg/Kg	[23]
8-12	Cobalt	480	mg/Kg	[23]
8-12	Indeno(1,2,3-cd)pyrene	0.49	mg/Kg	[0.15]
8-12	Iron	65000	mg/Kg	[55000]
8-12	Iron	87000	mg/Kg	[55000]
8-12	Lead	880	mg/Kg	[400]
8-12	Lead	1600	mg/Kg	[400]

CD-B05 02/22/12

Depth	Parameter	Result	Units	Criteria
0-2	Aroclor 1254	1	mg/Kg	[0.22]
0-2	Arsenic	9.5	mg/Kg	[0.39]
7-12	Antimony	0.055	mg/L	[0.006]
7-12	Lead	0.28	mg/L	[0.015]
14-16	Arsenic	13	mg/Kg	[0.39]

CD-B02 02/23/12

Depth	Parameter	Result	Units	Criteria
14-16	Antimony	37	mg/Kg	[31]
14-16	Arsenic	8.8	mg/Kg	[0.39]
14-16	Benzo(a)pyrene	0.22	mg/Kg	[0.015]
14-16	Benzo(b)fluoranthene	0.37	mg/Kg	[0.15]
14-16	Cobalt	110	mg/Kg	[23]
14-16	Lead	1100	mg/Kg	[400]
16-18	Arsenic	4.2	mg/Kg	[0.39]

CD-S02 02/22/12

Depth	Parameter	Result	Units	Criteria
0-0.5	Arsenic	6.5	mg/Kg	[0.39]
0-0.5	Benzo(a)anthracene	0.23	mg/Kg	[0.15]
0-0.5	Benzo(a)pyrene	0.33	mg/Kg	[0.015]
0-0.5	Benzo(b)fluoranthene	0.52	mg/Kg	[0.15]
0-0.5	Cobalt	45	mg/Kg	[23]

CD-B03 02/23/12

Depth	Parameter	Result	Units	Criteria
14-18	Aroclor 1254	2.3	mg/Kg	[0.22]
14-18	Arsenic	3.5	mg/Kg	[0.39]
14-18	Benzo(a)pyrene	0.047	mg/Kg	[0.015]

CD-B04 02/23/12

Depth	Parameter	Result	Units	Criteria
10-12	Antimony	430	mg/Kg	[31]
10-12	Aroclor 1254	13	mg/Kg	[0.22]
10-12	Arsenic	52	mg/Kg	[0.39]
10-12	Benzo(a)anthracene	8.2	mg/Kg	[0.15]
10-12	Benzo(a)pyrene	6.6	mg/Kg	[0.015]
10-12	Benzo(b)fluoranthene	9.5	mg/Kg	[0.15]
10-12	Benzo(k)fluoranthene	4.2	mg/Kg	[1.5]
10-12	Cadmium	110	mg/Kg	[70]
10-12	Cobalt	980	mg/Kg	[23]
10-12	Ethyl benzene	17	mg/Kg	[5.4]
10-12	Indeno(1,2,3-cd)pyrene	2.8	mg/Kg	[0.15]
10-12	Iron	79000	mg/Kg	[55000]
10-12	Lead	4300	mg/Kg	[400]
10-12	Manganese	2400	mg/Kg	[1800]
10-12	Naphthalene	110	mg/Kg	[3.6]
11-16	Antimony	0.3	mg/L	[0.006]
14-16	Arsenic	3.7	mg/Kg	[0.39]
11-16	Arsenic	0.037	mg/L	[0.01]
11-16	Barium	6.4	mg/L	[2]
11-16	Lead	1.8	mg/L	[0.015]

CD-B07 02/23/12

Depth	Parameter	Result	Units	Criteria
0-2	Aroclor 1254	0.79	mg/Kg	[0.22]
0-2	Arsenic	11	mg/Kg	[0.39]
0-2	Benzo(a)pyrene	0.1	mg/Kg	[0.015]
0-2	Benzo(b)fluoranthene	0.19	mg/Kg	[0.15]
0-2	Cobalt	120	mg/Kg	[23]

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

Legend

- Locations with at least one exceedance
 - Locations with no exceedances
 - Subject Property
- 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



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Figure C-5
 Soil and Groundwater Analytical Results
 Exceeding Screening Criteria
 Clyde City Dump Site
 Sandusky County, Ohio

TABLES

**TABLE C2
WATER ANALYTICAL RESULTS
Metals, Pesticides and Herbicides
Clyde City Dump Site
Clyde, Sandusky County, Ohio**

Site				Clyde City Dump	
Location ID				CD-B04	CD-B05
Field Sample ID				CD-B04-W01-022312	CD-B05-W01-022312
Sample Date				2/23/2012	2/23/2012
Screened Interval (ft bgs)				11-16	7-12
Total Target Analyte List (TAL) Metals					
Analytical Method	Chemical Name	Units	*MCL		
SW6020A	Aluminum	mg/L	NA	15	1.7
SW6020A	Antimony	mg/L	0.006	0.3	0.055
SW6020A	Arsenic	mg/L	0.01	0.037	0.0052
SW6020A	Barium	mg/L	2	6.4	0.93
SW6020A	Beryllium	mg/L	0.004	0.002 U	0.002 U
SW6020A	Boron	mg/L	NA	270	370
SW6020A	Cadmium	mg/L	NA	0.035	0.017
SW6020A	Calcium	mg/L	NA	74	14
SW6020A	Chromium	mg/L	0.1	0.06	0.0094
SW6020A	Cobalt	mg/L	NA	0.67	0.041
SW6020A	Copper	mg/L	1.3	1.2	0.23
SW6020A	Iron	mg/L	NA	22	3.6
SW6020A	Lead	mg/L	0.015	1.8	0.28
SW6020A	Magnesium	mg/L	NA	47	13
SW6020A	Manganese	mg/L	NA	1.4	0.16
SW7470	Mercury	mg/L	0.002	0.00035	0.0002 U
SW6020A	Nickel	mg/L	NA	0.87	0.065
SW6020A	Potassium	mg/L	NA	90	95
SW6020A	Selenium	mg/L	0.05	0.005 U	0.005 U
SW6020A	Silver	mg/L	NA	0.0077	0.005 U
SW6020A	Sodium	mg/L	NA	660	980
SW6020A	Thallium	mg/L	0.002	0.005 U	0.005 U
SW6020A	Vanadium	mg/L	NA	0.029	0.0082
SW6020A	Zinc	mg/L	NA	2.8	2.1
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	0.0001 U	0.0001 U
SW8081	4,4-DDE	mg/L	NA	0.0001 U	0.0001 U
SW8081	4,4-DDT	mg/L	NA	0.0001 U	0.0001 U
SW8081	Aldrin	mg/L	NA	0.00005 U	0.00005 U
SW8081	alpha-BHC	mg/L	NA	0.00005 U	0.00005 U
SW8081	alpha-Chlordane	mg/L	NA	0.0001 U	0.0001 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	0.00052	0.0004 U
SW8082	Aroclor 1260	mg/L	NA	0.0004 U	0.0004 U
SW8081	beta-BHC	mg/L	NA	0.00005 U	0.00005 U
SW8081	Chlordane, Technical	mg/L	NA	0.0025 U	0.0025 U
SW8081	delta-BHC	mg/L	NA	0.00005 U	0.00005 U
SW8081	Dieldrin	mg/L	NA	0.0001 U	0.0001 U
SW8081	Endosulfan I	mg/L	NA	0.0001 U	0.0001 U
SW8081	Endosulfan II	mg/L	NA	0.0001 U	0.0001 U
SW8081	Endosulfan sulfate	mg/L	NA	0.0001 U	0.0001 U
SW8081	Endrin	mg/L	0.002	0.0001 U	0.0001 U
SW8081	Endrin aldehyde	mg/L	NA	0.0001 U	0.0001 U
SW8081	Endrin ketone	mg/L	NA	0.0001 U	0.0001 U
SW8081	gamma-BHC (Lindane)	mg/L	0.0002	0.00005 U	0.00005 U
SW8081	gamma-Chlordane	mg/L	NA	0.0001 U	0.0001 U
SW8081	Heptachlor	mg/L	0.0004	0.00005 U	0.00005 U
SW8081	Heptachlor epoxide	mg/L	0.0002	0.00005 U	0.00005 U
SW8081	Hexachlorobenzene	mg/L	NA	0.00005 U	0.00005 U
SW8081	Methoxychlor	mg/L	0.04	0.0002 U	0.0002 U
SW8081	Toxaphene	mg/L	0.003	0.01 U	0.01 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 C2
WATER ANALYTICAL RESULTS
Toxicity Characteristic Leaching Procedure
Clyde City Dump Site
Clyde, Sandusky County, Ohio

				Site	
				Location ID	
				Field Sample ID	
				Sample Date	
				Screened Interval (ft bgs)	
				Clyde City Dump	
				CD-B04	CD-B05
				CD-B04-W01-022312	CD-B05-W01-022312
				2/23/2012	2/23/2012
				11-16	7-12
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	0.0011
SW8260	Carbon tetrachloride, TCLP	mg/L	0.5	0.001 U	0.001 U
SW8081	Chlordane, Technical, TCLP	mg/L	0.03	0.005 U	0.005 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	0.00025 U	0.00025 U
SW8081	Heptachlor, TCLP	mg/L	0.008	0.00025 U	0.00025 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	0.043
SW8081	Methoxychlor, TCLP	mg/L	10	0.0025 U	0.0025 U
SW8270	Nitrobenzene, TCLP	mg/L	2	0.005 U	0.005 U
SW8270	o-Cresol, TCLP	mg/L	200	0.005 U	0.0068
SW8270	p-Cresol, TCLP	mg/L	200	0.005 U	0.043
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	0.02 U	0.02 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	0.037	0.0052
SW6020A	Barium, TCLP	mg/L	100	6.4	0.93
SW6020A	Cadmium, TCLP	mg/L	1	0.035	0.017
SW6020A	Chromium, TCLP	mg/L	5	0.06	0.0094
SW6020A	Lead, TCLP	mg/L	5	1.8	0.28
SW7470A	Mercury, TCLP	mg/L	0.2	0.00035	0.0002 U
SW6020A	Selenium, TCLP	mg/L	1	0.002 U	0.002 U
SW6020A	Silver, TCLP	mg/L	5	0.0077	0.0011
D93	Flashpoint, P-M Closed-cup	DEG F	<140	>140	>140
SW9040	pH	s.u.	≤2 or ≥12.5	8.13	8.64

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

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

**TABLE C3
SOIL GAS ANALYTICAL RESULTS
Clyde City Dump Site
Clyde, Sandusky County, Ohio**

				Clyde City Dump	
Site				CD-B01	CD-B03
Location ID				CD-B01-V01-022312	CD-B03-V01-022312
Field Sample ID				2/23/2012	2/23/2012
Sample Date				8-12	6-8
Vapor Probe Interval (ft bgs)					
Analytical Method	Chemical Name	Units	*C Soil-Gas		
TO15	1,1,1-Trichloroethane	ug/m ³	220000	4.1 U	7.4
TO15	1,1,2,2-Tetrachloroethane	ug/m ³	42	5.1 U	5.4 U
TO15	1,1,2-Trichloroethane	ug/m ³	150	4.1 U	4.3 U
TO15	1,1,2-Trichlorotrifluoroethane	ug/m ³	3000000	5.7 U	6.0 U
TO15	1,1-Dichloroethane	ug/m ³	50000	3.0 U	9.0
TO15	1,1-Dichloroethene	ug/m ³	20000	3.0 U	3.1 U
TO15	1,2,4-Trichlorobenzene	ug/m ³	20000	22 U	23 U
TO15	1,2,4-Trimethylbenzene	ug/m ³	600	4.1	3.9 U
TO15	1,2-Dibromoethane	ug/m ³	11	5.7 U	6.1 U
TO15	1,2-Dichlorobenzene	ug/m ³	20000	4.5 U	4.7 U
TO15	1,2-Dichloroethane	ug/m ³	94	3.0 U	3.2 U
TO15	1,2-Dichloropropane	ug/m ³	400	3.4 U	3.6 U
TO15	1,3,5-Trimethylbenzene	ug/m ³	600	3.7 U	3.9 U
TO15	1,3-Butadiene	ug/m ³	8.7	1.6 U	1.7 U
TO15	1,3-Dichlorobenzene	ug/m ³	11000	4.5 U	4.8 U
TO15	1,4-Dichlorobenzene	ug/m ³	80000	5.0	5.2
TO15	1,4-Dioxane	ug/m ³	NA	11 U	11 U
TO15	2,2,4-Trimethylpentane	ug/m ³	NA	38	27
TO15	2-Butanone	ug/m ³	100000	14	9.7
TO15	2-Hexanone	ug/m ³	NA	12 U	13 U
TO15	2-Propanol	ug/m ³	NA	7.3 U	7.8 U
TO15	3-Chloropropene	ug/m ³	NA	9.3 U	9.9 U
TO15	4-Ethyltoluene	ug/m ³	NA	5.8	5.8
TO15	4-Methyl-2-pentanone	ug/m ³	8000	20	3.2 U
TO15	Acetone	ug/m ³	35000	110	64
TO15	alpha-Chlorotoluene	ug/m ³	50	3.8 U	4.1 U
TO15	Benzene	ug/m ³	310	33	30
TO15	Bromodichloromethane	ug/m ³	140	5.0 U	5.3 U
TO15	Bromoform	ug/m ³	2200	7.7 U	8.2 U
TO15	Bromomethane	ug/m ³	500	29 U	31 U
TO15	Carbon disulfide	ug/m ³	70000	16	33
TO15	Carbon tetrachloride	ug/m ³	160	4.7 U	5.0 U
TO15	Chlorobenzene	ug/m ³	6000	3.4 U	3.6 U
TO15	Chloroethane	ug/m ³	1000000	7.9 U	8.3 U
TO15	Chloroform	ug/m ³	110	3.6 U	3.8 U
TO15	Chloromethane	ug/m ³	2400	15 U	16 U
TO15	cis-1,2-Dichloroethene	ug/m ³	3500	3.0 U	3.1 U
TO15	cis-1,3-Dichloropropene	ug/m ³	NA	3.4 U	3.6 U
TO15	Cyclohexane	ug/m ³	NA	16	12
TO15	Dibromochloromethane	ug/m ³	100	6.3 U	6.7 U
TO15	Dichlorodifluoromethane	ug/m ³	20000	22	3.9 U
TO15	Ethanol	ug/m ³	NA	12	8.8
TO15	Ethylbenzene	ug/m ³	2200	12	14
TO15	Freon 114	ug/m ³	NA	220	5.5 U
TO15	Heptane	ug/m ³	NA	22	25
TO15	Hexachloro-1,3-butadiene	ug/m ³	110	32 U	34 U
TO15	Hexane	ug/m ³	20000	67	62
TO15	Isopropylbenzene	ug/m ³	40000	3.7 U	3.9 U
TO15	m,p-Xylene	ug/m ³	NA	38	42
TO15	Methyl tert-butyl ether	ug/m ³	300000	2.7 U	2.8 U
TO15	Methylene chloride	ug/m ³	5200	26 U	27 U
TO15	o-Xylene	ug/m ³	700000	12	12
TO15	Propylbenzene	ug/m ³	14000	3.7 U	3.9 U
TO15	Styrene	ug/m ³	100000	3.2 U	3.4 U
TO15	Tetrachloroethene	ug/m ³	810	7.8	10
TO15	Tetrahydrofuran	ug/m ³	NA	2.2 U	2.3 U
TO15	Toluene	ug/m ³	40000	110	1200
TO15	trans-1,2-Dichloroethene	ug/m ³	7000	3.0 U	3.1 U
TO15	trans-1,3-Dichloropropene	ug/m ³	NA	3.4 U	3.6 U
TO15	Trichloroethene	ug/m ³	22	4.0 U	4.2 U
TO15	Trichlorofluoromethane	ug/m ³	70000	4.2 U	4.4 U
TO15	Vinyl chloride	ug/m ³	280	2.0	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 C1
HISTORICAL DOCUMENTS SUMMARY**

SUMMARIES OF DOCUMENTS OBTAINED FROM OHIO EPA

5 - 6 December 2011

Clyde City Dump

City of Clyde. "Re, Clyde Dump." Letter to Ohio Environmental Protection Agency, Division of Emergency and Remedial Response. 28 Oct. 2004.

- Letter from the City Manager, City of Clyde, to OEPA, in reference to a 27 October 2004 meeting regarding abating ongoing pollution from the "city dump."
 - The City Manager provides proposed activities to be taken by the city, the intent to obtain a consulting engineer, and the intent to acquire property adjacent to the landfill to "resolve the leachate issue on the easterly side."
 - City Manager requests interim authorization to commence with grubbing and clearing operations in preparation for future work.

Ohio Environmental Protection Agency. "Subject: City of Clyde, Clyde Dump." Inter-Office Communication From: Steve Snyder through Bruce Dunlavy, NWDO, DERR; To: Al Rupp, NWDO, DSW. 7 Mar. 1995.

- Inter-Office Communication from Steve Snyder to Al Rupp, NWDO, DSW, reporting surface water concerns associated with the Clyde Dump, and requesting Rupp's program to use their authority to address leachate discharges to Raccoon Creek and to restrict site access.
- A site inspection was conducted by DERR, under contract with USEPA, on 8 February 1995, after a review of OEPA files.
 - Records indicated the Clyde Dump was utilized by commercial and industrial businesses.
 - Sampling data that had been collected to that date documented considerable contamination of soils and sediments with priority toxic pollutants. Some of the pollutants are bioaccumulative.
 - A set of laboratory analytical results with handwritten mark ups were attached to correspondence. Analytes included metals, volatile organics, and semivolatile organics.
 - The inspection revealed numerous discharges of leachate from the dump to Raccoon Creek through field tiles and perimeter drainage were noted along the east and north sides of the fill area.
 - The creek is used for recreational purposes, wildlife, and the area of the dump is located in a residential area. Children from a nearby mobile home community have been observed playing in and along the creek.

SUMMARIES OF DOCUMENTS OBTAINED FROM OHIO EPA

5 - 6 December 2011

- Photocopies of photographs taken at the later date of 8 June 1995 are attached to the scanned file document. Photocopy has statement apparently written by Steve Snyder that "Originals are located in DERR Files."

Ohio Environmental Protection Agency (Inferred). "Subject: Clyde Dump." Email From: Steve Snyder; To: rharrah@clydeohio.org; CC: Cohen, Mary; Czezele, Mike; dweaver@clydeohio.org. 5 Aug. 2009.

- An E-mail from Steve Snyder to "Rick" regarding a morning visit to the site to observe apparent re-vegetation efforts. Snyder reports that an area on the eastern slope continues to have leachate seeps affecting vegetation. Snyder suggests reworking the slope with clay soil and routinely pumping leachate sumps to minimize "leachate outbreaks." He also suggests the city work with their division if they want to treat the leachate at the WWTP.

Ohio Environmental Protection Agency. "Subject: Fwd: Re: Clyde Dump-Inspection Map." Email From: Steve Snyder; To: Cohen, Mary; Getz, Eric; Wick, Elizabeth; CC: Czezele, Mike. 8 Jan. 2010.

- An E-mail stream ending with a statement from Steve Snyder to "All" indicating he will be requesting the city (Dan Weaver) to address debris/trash and obstruction of (Raccoon Creek). He also requests of E-mail recipients, confirmation of a May (2010) timeframe for implementation of maintenance activities for erosion and leachate control.
- Email stream includes a 7 January 2010 statement from Dan Weaver (city) regarding issues with a drain tile on the east side of the property, serving a farmer's field to the east.
- Email stream includes a 7 January 2010 note from Snyder to Weaver regarding a 23 December 2009 complaint inspection and requesting city's intents to address.
- A site map entitled "Clyde Dump 2009 Inspection" is attached identifying leachate outbreak locations and trash/debris piles.

Ohio Environmental Protection Agency. "Re: Clyde Dump, Sandusky County." Letter to Mr. Paul Fiser, City Manager (City of Clyde). 3 Jun. 2011.

- Correspondence dated 3 June 2011 from OEPA, Steven C. Snyder, Site Coordinator, Division of Environmental Response and Revitalization, to Mr. Paul Fiser, City Manager, City of Clyde.
- The letter summarizes a 26 May 2011 visit of the Clyde Dump site conducted by Snyder to observe the condition of the leachate collection manhole.
- Snyder did not observe overflow of the manhole due to recent rains, but did note an unsealed joint approximately eight (8) inches from top of grate.

SUMMARIES OF DOCUMENTS OBTAINED FROM OHIO EPA

5 - 6 December 2011

- The unsealed joint apparently allows storm water into the leachate system and may allow leachate to flow out, and a low area around the manhole drains to an adjacent perimeter ditch.
- Snyder requests the conditions be repaired and suggests implementation of routine inspections.

Methena, Julie (Organization/Agency not listed). "Subject: FW: U.S. EPA file review." E-mail to Cathy Sherer and printed by Cathy Sherer. 1 Dec. 2011.

- Email stream originating and printed by Cathy Sherer (City of Clyde inferred). Originates with the announcement that U.S. EPA would be arriving on 5 or 6 December (2011) to "review any and all materials we have on about 16 sites in Sandusky County that are, or may be, associated with the Clyde Cancer Cluster..." State that a list of 14 sites attached (not included in scanned file copy) and the addition of Clyde Paint & Supply Company and Fultz Hauling to that list.
- A recipient references 1995 stream survey and URL location on OEPA website. Also references assisting DERR with sampling at the Clyde Landfill in the past, and refers to OEPA files.

Wick, Elizabeth (Agency not listed). "Subject: Fwd: Clyde Dump." E-mail to Mary Cohen. 24 Dec. 2009.

- An E-mail stream ending with a statement from Elizabeth Wick stating to Mary Cohen "I thought DERR was going to cap this landfill with the City." Wick is apparently part of DSW and was being requested to follow-up with Steve Snyder and potential need to cite 6111 violations.
- The email stream includes a note to "Dan" (Weaver) from Steve Snyder dated 23 December 2009 reporting a site visit he conducted that day with Mary Dennis, SCHD, to "check for leachate outbreaks." The visit was possibly the result of a citizen report of observing leachate during a public meeting "regarding the local cancer cluster."
- The inspection revealed three (3) leachate outbreaks entering the water course. Two (2) were located along Raccoon Creek and the third from a field tile into the perimeter ditch near the northeast corner.
- Areas of erosion, obstructed stream flow, and the accumulation of litter that may be from a local business "as there were numerous earplugs floating in the debris." A 55-gallon blue poly drum was also observed. Snyder indicates photographs are attached (not included in current scanned file).
- Snyder indicates the areas will need to be addressed ASAP, weather permitting.

**APPENDIX C2
EDR REPORT**

Whirlpool Lagoons Clyde City Dump Wickerham Drum

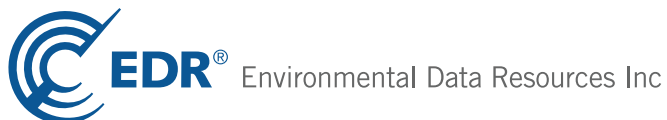
853 North Main Street

Clyde, OH 43410

Inquiry Number: 3225018.57s

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

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

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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

853 NORTH MAIN STREET
CLYDE, OH 43410

COORDINATES

Latitude (North): 41.311800 - 41° 18' 42.5"
Longitude (West): 82.975100 - 82° 58' 30.4"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 334667.6
UTM Y (Meters): 4575040.0
Elevation: 671 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

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

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2009, 2010
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
CLYDE CITY OF 853 N MAIN ST CLYDE, OH 43410	RCRA-CESQG FINDS	OHR000026195

EXECUTIVE SUMMARY

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
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 RCRA non-CORRACTS TSD facilities list

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

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.

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

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

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

INDIAN UST..... Underground Storage Tanks on Indian Land

EXECUTIVE SUMMARY

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 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

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees

EXECUTIVE SUMMARY

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
RAATS.....	RCRA Administrative Action Tracking System
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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS 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. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

CERC-NFRAP: 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.

A review of the CERC-NFRAP list, as provided by EDR, and dated 02/25/2011 has revealed that there are

EXECUTIVE SUMMARY

2 CERC-NFRAP sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CLYDE PAINT AND SUPPLY COMPANY FORMULATED PRODUCTS	435 WEST MULBERRY STREES 110 EAST STREET	1/8 - 1/4 (0.245 mi.) ESE 1/4 - 1/2 (0.264 mi.)	30 I32	77 81

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/09/2011 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WHIRLPOOL CORPORATION	119 BIRDSEYE ST	0 - 1/8 (0.000 mi.)	D9	26
CLYDE PAINT AND SUPPLY COMPANY	435 WEST MULBERRY STREES	1/8 - 1/4 (0.245 mi.)	30	77

Federal RCRA generators list

RCRA-LQG: 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.

A review of the RCRA-LQG list, as provided by EDR, and dated 06/15/2011 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WHIRLPOOL CORPORATION	119 BIRDSEYE ST	0 - 1/8 (0.000 mi.)	D9	26

RCRA-SQG: 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/15/2011 has revealed that there are 4 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SUPERIOR DOT CLEANERS INC	116 E MCPHERSON HWY	E 0 - 1/8 (0.010 mi.)	F21	64
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
M AND N MOBILE *	307 WEST MCPHERSON	0 - 1/8 (0.000 mi.)	B2	8
SUPERIOR DOT INC	870 N WOODLAND AVE	0 - 1/8 (0.000 mi.)	17	54

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OHIO NATIONAL GUARD ORG MAINT	803 W MCPERSON HWY	W 1/8 - 1/4 (0.224 mi.)	H29	76

RCRA-CESQG: 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.

A review of the RCRA-CESQG list, as provided by EDR, and dated 06/15/2011 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SPEEDWAY 3606	108 MCPHERSON ST	E 0 - 1/8 (0.007 mi.)	F19	58

State- and tribal - equivalent CERCLIS

DERR: The DERR database is an index of sites for which Ohio EPA maintains files. It includes sites with known or suspected contamination, but a site's inclusion in the database does not mean that it is now or has ever been contaminated.

A review of the DERR list, as provided by EDR, and dated 08/22/2011 has revealed that there are 2 DERR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORMULATED PRODUCTS	110 EAST ST	ESE 1/4 - 1/2 (0.264 mi.)	I31	81

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CLYDE DUMP Activity: SA, RR	STATE RTE 510	N 1/2 - 1 (0.674 mi.)	34	84

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Commerce Division of State Fire Marshal's List of Reported Petroleum Underground Storage Tank Release Incidents.

A review of the LUST list, as provided by EDR, and dated 10/18/2011 has revealed that there are 14 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HD EXPRESS MART INC FR Status: Active FR Status: RPT: a possible incident is reported Facility Status: Active FR Status: RPT: a possible incident is reported	506 N MAIN ST	0 - 1/8 (0.000 mi.)	A8	23
WHIRLPOOL CORPORATION FR Status: Active FR Status: CON: a release is confirmed FR Status: Active FR Status: NFA: No Further Action *Additional key fields are available in the Map Findings section Facility Status: Active FR Status: CON: a release is confirmed Facility Status: Active FR Status: NFA: No Further Action *Additional key fields are available in the Map Findings section	119 BIRDSEYE ST	0 - 1/8 (0.000 mi.)	D9	26

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MUNICIPAL BLDG FR Status: Inactive FR Status: NFA: No Further Action Facility Status: Inactive FR Status: NFA: No Further Action	222 N MAIN ST	0 - 1/8 (0.000 mi.)	E12	45
BP OIL CO. #06526 FR Status: Inactive FR Status: NFA: No Further Action Facility Status: Inactive FR Status: NFA: No Further Action	105 W MCPHERSON HWY	0 - 1/8 (0.000 mi.)	F13	46
CLYDE CENTRAL OFFICE FR Status: Inactive FR Status: NFA: No Further Action Facility Status: Inactive FR Status: NFA: No Further Action	120 BUCKEYE ST	0 - 1/8 (0.000 mi.)	D15	51
RIGHT OF WAY FR Status: Inactive FR Status: NFA: No Further Action Facility Status: Inactive FR Status: NFA: No Further Action	917 VINE ST	0 - 1/8 (0.000 mi.)	16	52
R & R SERVICE FR Status: Inactive FR Status: NFA: No Further Action Facility Status: Inactive FR Status: NFA: No Further Action	110 E MCPHERSON HWY	E 0 - 1/8 (0.005 mi.)	F18	55
SPEEDWAY #3606 FR Status: Active FR Status: DIS: a release is disproved FR Status: Active FR Status: TR2: Tier 2 <i>*Additional key fields are available in the Map Findings section</i> Facility Status: Active FR Status: DIS: a release is disproved Facility Status: Active FR Status: TR2: Tier 2 <i>*Additional key fields are available in the Map Findings section</i>	108 MCPHERSON	E 0 - 1/8 (0.007 mi.)	F20	61
BILLINGS GARAGE FR Status: Active FR Status: CON: a release is confirmed Facility Status: Active FR Status: CON: a release is confirmed	231 E MCPHERSON HWY	E 0 - 1/8 (0.097 mi.)	G25	68
CLYDE SERVICE DEPT FR Status: Inactive FR Status: NFA: No Further Action Facility Status: Inactive FR Status: NFA: No Further Action	606 CHURCH ST	SSE 1/4 - 1/2 (0.481 mi.)	33	82
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHUCKS MARATHON FR Status: Inactive FR Status: NFA: No Further Action Facility Status: Inactive FR Status: NFA: No Further Action	215 W MCPHERSON HWY	0 - 1/8 (0.000 mi.)	3	10
M & M SUNOCO FR Status: Active FR Status: NFA: No Further Action FR Status: Active FR Status: NFA: No Further Action <i>*Additional key fields are available in the Map Findings section</i> Facility Status: Active FR Status: NFA: No Further Action Facility Status: Active FR Status: NFA: No Further Action <i>*Additional key fields are available in the Map Findings section</i>	307 W MCPHERSON HWY	0 - 1/8 (0.000 mi.)	B5	14
IMPERIAL PLATING CO. FR Status: Inactive FR Status: NFA: No Further Action Facility Status: Inactive FR Status: NFA: No Further Action	518 W MCPHERSON HWY	0 - 1/8 (0.000 mi.)	C6	19
CITY OF CLYDE FR Status: Inactive FR Status: NFA: No Further Action Facility Status: Inactive FR Status: NFA: No Further Action	803 W MCPHERSON HWY	W 1/8 - 1/4 (0.224 mi.)	H28	74

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Commerce Division of State Fire Marshal's Facility File.

A review of the UST list, as provided by EDR, and dated 09/16/2011 has revealed that there are 14 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>HD EXPRESS MART INC</i>	<i>506 N MAIN ST</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>A8</i>	<i>23</i>
<i>WHIRLPOOL CORPORATION</i>	<i>119 BIRDSEYE ST</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>D9</i>	<i>26</i>
<i>MUNICIPAL BUILDING</i>	<i>222 N MAIN ST</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>E11</i>	<i>44</i>
<i>MUNICIPAL BLDG</i>	<i>222 N MAIN ST</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>E12</i>	<i>45</i>
<i>BP OIL CO. #06526</i>	<i>105 W MCPHERSON HWY</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>F13</i>	<i>46</i>
<i>CLYDE CENTRAL OFFICE</i>	<i>120 BUCKEYE ST</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>D15</i>	<i>51</i>
<i>RIGHT OF WAY</i>	<i>917 VINE ST</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>16</i>	<i>52</i>
<i>R & R SERVICE</i>	<i>110 E MCPHERSON HWY</i>	<i>E 0 - 1/8 (0.005 mi.)</i>	<i>F18</i>	<i>55</i>
<i>SPEEDWAY #3606</i>	<i>108 MCPHERSON</i>	<i>E 0 - 1/8 (0.007 mi.)</i>	<i>F20</i>	<i>61</i>
<i>BILLINGS GARAGE</i>	<i>231 E MCPHERSON HWY</i>	<i>E 0 - 1/8 (0.097 mi.)</i>	<i>G25</i>	<i>68</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>CHUCKS MARATHON</i>	<i>215 W MCPHERSON HWY</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>3</i>	<i>10</i>
<i>M & M SUNOCO</i>	<i>307 W MCPHERSON HWY</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>B5</i>	<i>14</i>
<i>IMPERIAL PLATING CO.</i>	<i>518 W MCPHERSON HWY</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>C6</i>	<i>19</i>
<i>CITY OF CLYDE</i>	<i>803 W MCPHERSON HWY</i>	<i>W 1/8 - 1/4 (0.224 mi.)</i>	<i>H28</i>	<i>74</i>

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

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

A review of the ARCHIVE UST list, as provided by EDR, and dated 09/16/2011 has revealed that there is 1 ARCHIVE UST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>M & M SUNOCO</i>	<i>307 W MCPHERSON HWY</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>B4</i>	<i>13</i>

Other Ascertainable Records

RCRA-NonGen: 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.

A review of the RCRA-NonGen list, as provided by EDR, and dated 06/15/2011 has revealed that there

EXECUTIVE SUMMARY

are 7 RCRA-NonGen sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VALSPAR CORPORATION C/O WHIRLP	119 BIRDSEYE ST	0 - 1/8 (0.000 mi.)	D10	42
BP OIL SITE 06526	105 W MCPHERSON HWY AND 0	- 1/8 (0.000 mi.)	F14	49
NAGY AUTO BODY	133 MCPHERSON HWY	E 0 - 1/8 (0.027 mi.)	F24	67
SUNOCO SERVICE STATION	230 MCPHERSON HIGHWAY	E 0 - 1/8 (0.103 mi.)	G26	71
JOES CLEANERS	109 W BUCKEYE	S 1/8 - 1/4 (0.199 mi.)	27	72
CLYDE PAINT AND SUPPLY COMPANY	435 WEST MULBERRY STREETS	1/8 - 1/4 (0.245 mi.)	30	77

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SIGNAL DELIVERY SERVICE INC	518 W MCPHERSON HWY	0 - 1/8 (0.000 mi.)	C7	22

TOWNGAS: 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.

A review of the TOWNGAS list, as provided by EDR, and dated 07/28/1992 has revealed that there is 1 TOWNGAS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CLYDE GAS COMPANY	BIRDSEYE STREET AT RR	S 0 - 1/8 (0.012 mi.)	D23	66

EDR PROPRIETARY RECORDS

EDR Proprietary Records

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.

A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there is 1 Manufactured Gas Plants site within approximately 1 mile of the target property.

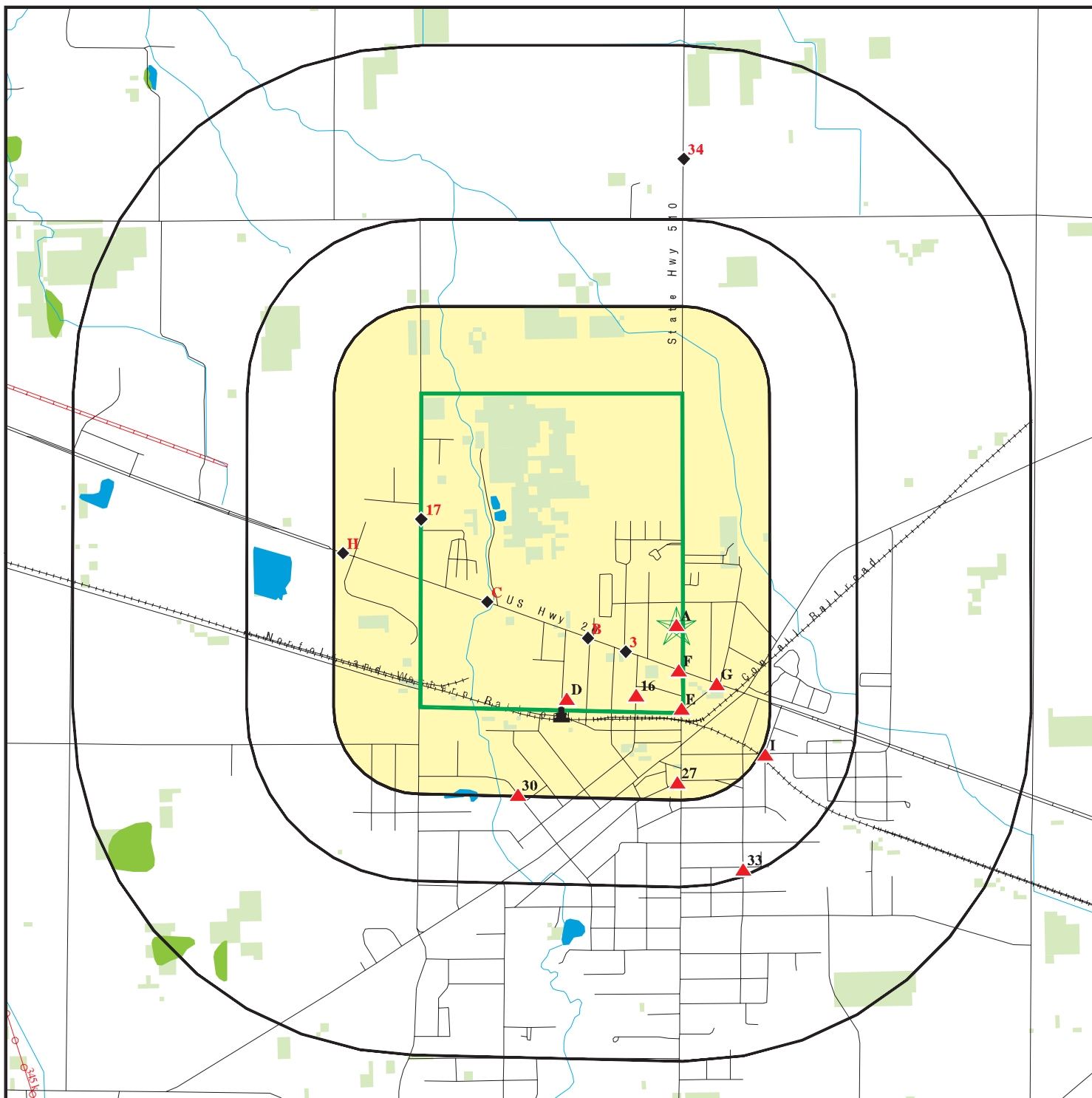
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CLYDE GAS COMPANY	BIRDSEYE STREET AT RR	S 0 - 1/8 (0.012 mi.)	D22	66

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 22 records.

<u>Site Name</u>	<u>Database(s)</u>
WHIRLPOOL SLUDGE DISPOSAL SITE	CERC-NFRAP, DERR, HIST LF
CLYDE COMPOST FACILITY	SWF/LF
FORMULATED PRODUCTS INC	LUST, UST
CONTINENTAL ESTATE LTD	LUST, UST
EVERGREEN GRAIN CO.	UST
MEYER TERRY CHEVROLET BUICK OLDSMO	RCRA-SQG, FINDS
CERTIFIED GAS STATION 352	RCRA-CESQG
SANDUSKY CO BD OF COMM CLYDE AREA	FINDS
CLYDE ARMORY	FINDS
CLYDE PAINT & SUPPLY CO INC	FINDS, DERR
CLYDE SR HIGH SCHOOL	FINDS
CLYDE STP	SPILLS
WHIRLPOOL CORP	SPILLS
WHIRLPOOL	SPILLS
WHIRLPOOL / CLYDE DIV	SPILLS
WHIRLPOOL CORPORATION	SPILLS
WHIRLPOOL INC	SPILLS
WHIRLPOOL CORP	SPILLS
CLYDE	SPILLS
WHIRLPOOL	SPILLS
CLYDE CITY OF	DERR
CLYDE CHURCH OF GOD	NPDES

OVERVIEW MAP - 3225018.57s



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

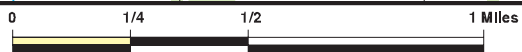
Indian Reservations BIA

Power transmission lines

Oil & Gas pipelines from USGS

National Wetland Inventory

State Wetlands

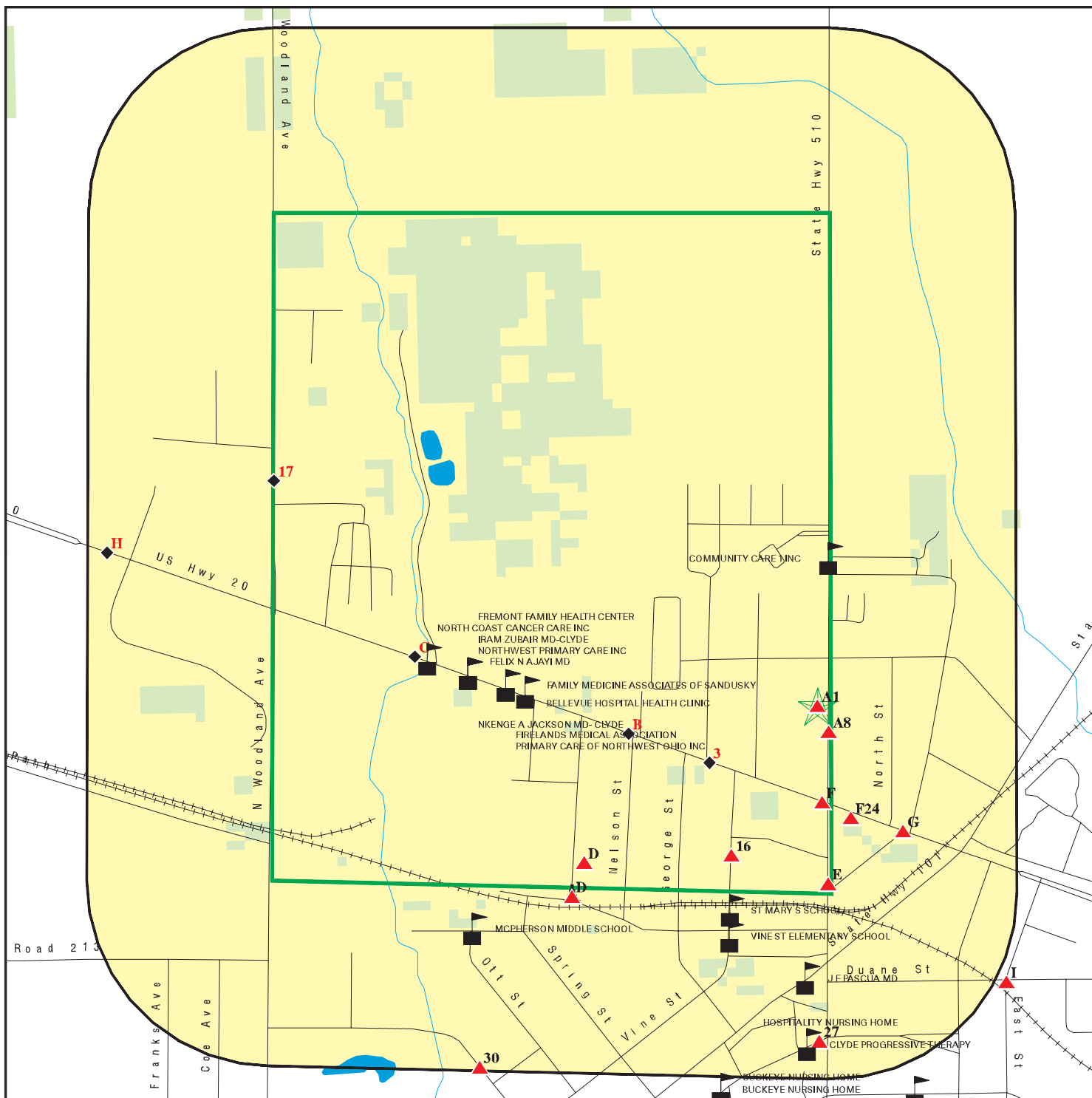









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.


SITE NAME: Whirlpool Lagoons Clyde City Dump Wickerham Drum
 ADDRESS: 853 North Main Street
 Clyde OH 43410
 LAT/LONG: 41.3118 / 82.9751

CLIENT: Weston Solutions, Inc.
 CONTACT: TJ McFarland
 INQUIRY #: 3225018.57s
 DATE: December 15, 2011 10:31 am

DETAIL MAP - 3225018.57s



-  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.

<p>SITE NAME: Whirlpool Lagoons Clyde City Dump Wickerham Drum ADDRESS: 853 North Main Street Clyde OH 43410 LAT/LONG: 41.3118 / 82.9751</p>	<p>CLIENT: Weston Solutions, Inc. CONTACT: TJ Mcfarland INQUIRY #: 3225018.57s DATE: December 15, 2011 10:32 am</p>
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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	1	1	NR	NR	2
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS		1.000	1	1	0	0	NR	2
<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	1	0	NR	NR	NR	1
RCRA-SQG		0.250	3	1	NR	NR	NR	4
RCRA-CESQG	X	0.250	1	0	NR	NR	NR	1
<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	1	1	NR	2
<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	12	1	1	NR	NR	14
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	13	1	NR	NR	NR	14

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	1	0	NR	NR	NR	1
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	5	2	NR	NR	NR	7
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	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TOWNGAS		1.000	1	0	0	0	NR	1
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	1	0	0	0	NR	1
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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

A1
Target
Property

CLYDE CITY OF
853 N MAIN ST
CLYDE, OH 43410

RCRA-CESQG
FINDS
1004767015
OHR000026195

Site 1 of 2 in cluster A

Actual:
671 ft.

RCRA-CESQG:

Date form received by agency: 11/12/1997
Facility name: CLYDE CITY OF
Facility address: 853 N MAIN ST
CLYDE, OH 43410
EPA ID: OHR000026195
Mailing address: 222 N MAIN ST
CLYDE, OH 43410
Contact: DAN WEAVER
Contact address: 222 N MAIN ST
CLYDE, OH 43410
Contact country: US
Contact telephone: (419) 547-6898
Contact email: Not reported
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: CITY OF CLYDE
Owner/operator address: 222 N MAIN ST
CLYDE, OH 43410
Owner/operator country: Not reported
Owner/operator telephone: (419) 547-6898
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLYDE CITY OF (Continued)

1004767015

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D004
Waste name: ARSENIC

Waste code: D005
Waste name: BARIUM

Waste code: D006
Waste name: CADMIUM

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110004725959

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

B2

**M AND N MOBILE *
307 WEST MCPHERSON
CLYDE, OH 43410**

**RCRA-SQG 1000561284
FINDS OHD987020823**

**< 1/8
1 ft.**

Site 1 of 3 in cluster B

**Relative:
Lower**

RCRA-SQG:
Date form received by agency: 06/07/1991
Facility name: M AND N MOBILE
Facility address: 307 W MCPHERSON HWY
CLYDE, OH 43410
EPA ID: OHD987020823
Contact: DARL NOFTZ

**Actual:
666 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M AND N MOBILE * (Continued)

1000561284

Contact address: 307 W MCPHERSON HWY
CLYDE, OH 43410
Contact country: US
Contact telephone: (419) 547-8277
Contact email: Not reported
EPA Region: 05
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOFTZ DARL
Owner/operator address: ADDRESS NOT REPORTED
NOT REPORTED, OH 00000
Owner/operator country: Not reported
Owner/operator telephone: (000) 000-0000
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110009620838

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M AND N MOBILE * (Continued)

1000561284

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

3

CHUCKS MARATHON
215 W MCPHERSON HWY
CLYDE, OH 43410

LUST U004087155
UST N/A

< 1/8
1 ft.

Relative:
Lower

Actual:
669 ft.

LUST:

Release Number: 72000203-N00001
Release Date: Not reported
Facility Status: Inactive
LTF Status: 6 Closure of regulated UST
FR Status: NFA: No Further Action
Priority: 3
Review Date: 6/20/2000
Class: Viable Responsible Party has been identified

Facility:

Facility ID: 72000203
Facility Type: Gas Station
24 Hr Emergency Contact: Not reported
24 Hr Emergency Phone: Not reported
Number Of Tanks On Site: Not reported
Local Fire Department: Zero
Delegated Authority: No
Elig For Green Buckeye Award: Not reported
Active Release Site: No
Owner Id: W011020
Owner Name: CHARLES L. DAGG
Owner Address: 1023 STILWELL AVE
Owner City/State/Zip: FREMONT, OH 43420
Owner Phone: (419) 332-5856

Inspection:

Facility Id: 72000203
Inspection Id: 8/17/93
Code: 101
Permit Number: P00001
Inspection Type: Final

Permit:

Facility Id: 72000203
Permit Id: P00001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHUCKS MARATHON (Continued)

U004087155

Permit Status: Expired
Issued Date: 1/25/1994
Lfd Permit Id: Not reported

UST:

Tank ID: T00001
Tank Status: Removed
Tank Type: Steel
Capacity: 2000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 7/1/1979
Date Removed: 6/30/1993
Date Last Used: 7/1/1990
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Release Detection on Piping: Not reported

Tank ID: T00002
Tank Status: Removed
Tank Type: Steel
Capacity: 2000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 7/1/1979
Date Removed: 6/30/1993
Date Last Used: 7/1/1990
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Release Detection on Piping: Not reported

Tank ID: T00003
Tank Status: Removed
Tank Type: Steel
Capacity: 2000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHUCKS MARATHON (Continued)

U004087155

Installation Date: 7/1/1979
Date Removed: 6/30/1993
Date Last Used: 7/1/1990
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Release Detection on Piping: Not reported

Tank ID: T00004
Tank Status: Removed
Tank Type: Steel
Capacity: 2000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 7/1/1979
Date Removed: 6/30/1993
Date Last Used: 7/1/1990
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Release Detection on Piping: Not reported

Tank ID: T00005
Tank Status: Removed
Tank Type: Steel
Capacity: 550
Content: Kerosene
CAS #: 8008-20-6
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 6/1/1986
Date Removed: 6/30/1993
Date Last Used: 7/1/1990
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Release Detection on Piping: Not reported

Tank ID: T00006
Tank Status: Removed
Tank Type: Steel
Capacity: 550

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHUCKS MARATHON (Continued)

U004087155

Content: Used Oil
CAS #: Not reported
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 7/1/1979
Date Removed: 6/30/1993
Date Last Used: 7/1/1990
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Release Detection on Piping: Not reported

B4

**M & M SUNOCO
307 W MCPHERSON HWY
CLYDE, OH 43410**

ARCHIVE UST

**U003095919
N/A**

**< 1/8
1 ft.**

Site 2 of 3 in cluster B

**Relative:
Lower**

OH UST ARCHIVE:
Facility ID: 72000117
Owner Name: OAK HILL RENTALS LTD
Owner Address: PO BOX 182
Owner City,St,Zip: FREMONT, OH 43420
Tank ID: T00001
Install Date: Not reported
Content: Gasoline
Capacity: 8000
Tank Type: Bare Steel
Tank Status: Currently In Use
Corrosion Protection Piping: Not reported
Corrosion Protection Tank: Not reported
Cas #: Not reported
Regulated: Not reported
Overfill Device Installed: Not reported
Spill Device Installed: Not reported
Ast/Ust: Not reported
Piping Material: Not reported
Piping Type: Not reported
Release Detection On Piping: Not reported
Release Detection On Tank: Not reported
Date Removed: Not reported
Date Last Use: Not reported
Date Abandoned/Closed: Not reported

Facility ID: 72000117
Owner Name: OAK HILL RENTALS LTD
Owner Address: PO BOX 182
Owner City,St,Zip: FREMONT, OH 43420
Tank ID: T00005
Install Date: Not reported
Content: Gasoline
Capacity: 6000

**Actual:
666 ft.**

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

M & M SUNOCO (Continued)

U003095919

Tank Type: Composite (Steel with Fiberglass)
 Tank Status: Currently In Use
 Corrosion Protection Piping: Not reported
 Corrosion Protection Tank: Not reported
 Cas #: Not reported
 Regulated: Not reported
 Overfill Device Installed: Not reported
 Spill Device Installed: Not reported
 Ast/Ust: Not reported
 Piping Material: Not reported
 Piping Type: Not reported
 Release Detection On Piping: Not reported
 Release Detection On Tank: Not reported
 Date Removed: Not reported
 Date Last Use: Not reported
 Date Abandoned/Closed: Not reported

Facility ID: 72000117
 Owner Name: OAK HILL RENTALS LTD
 Owner Address: PO BOX 182
 Owner City,St,Zip: FREMONT, OH 43420
 Tank ID: T00002
 Install Date: Not reported
 Content: Gasoline
 Capacity: 8000
 Tank Type: Bare Steel
 Tank Status: Currently In Use
 Corrosion Protection Piping: Not reported
 Corrosion Protection Tank: Not reported
 Cas #: Not reported
 Regulated: Not reported
 Overfill Device Installed: Not reported
 Spill Device Installed: Not reported
 Ast/Ust: Not reported
 Piping Material: Not reported
 Piping Type: Not reported
 Release Detection On Piping: Not reported
 Release Detection On Tank: Not reported
 Date Removed: Not reported
 Date Last Use: Not reported
 Date Abandoned/Closed: Not reported

B5
 < 1/8
 1 ft.

M & M SUNOCO
307 W MCPHERSON HWY
CLYDE, OH 43410

UIC **U004095329**
LUST **N/A**
UST

Site 3 of 3 in cluster B

Relative:
Lower

UIC:
 Facility Id Number: 730
 Facility Status: Not reported
 Latitude: 41.311228
 Longitude: -82.98018899999996
 Number Of UIC Wells: Not reported
 Type Of UIC Well: No well
 Type Description: Not reported
 Status: Not reported
 UIC Number: Not reported

Actual:
666 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M & M SUNOCO (Continued)

U004095329

Buisness Active: False
Well Id: Not reported
Well construction: No Well
Latitude Of Well1: Not reported
Longitude Of Well1: Not reported
Latitude Of Well2: Not reported
Longitude Of Well2: Not reported
Latitude Of Well3: Not reported
Longitude Of Well3: Not reported
Latitude Of Well4: Not reported
Longitude Of Well4: Not reported
Latitude Of Well5: Not reported
Longitude Of Well5: Not reported
Latitude Of Monitoring Well: Not reported
Longitude Of Monitoring Well: Not reported

LUST:

Release Number: 72000117-N00001
Release Date: 1/22/1997
Facility Status: Active
LTF Status: 1 SUS/CON from regulated UST
FR Status: NFA: No Further Action
Priority: 3
Review Date: 11/14/2003
Class: Viable Responsible Party has been identified

Release Number: 72000117-N00002
Release Date: 8/13/2004
Facility Status: Active
LTF Status: 1 SUS/CON from regulated UST
FR Status: NFA: No Further Action
Priority: 2
Review Date: 3/1/2011
Class: Viable Responsible Party has been identified

Release Number: 72000117-N00003
Release Date: 11/1/1991
Facility Status: Active
LTF Status: 6 Closure of regulated UST
FR Status: NFC: No Further Action Data Cleaning
Priority: 1
Review Date: 9/7/2010
Class: Viable Responsible Party has been identified

Facility:

Facility ID: 72000117
Facility Type: Gas Station
24 Hr Emergency Contact: ED WILLMAN
24 Hr Emergency Phone: (419)426-5452
Number Of Tanks On Site: Not reported
Local Fire Department: CLYDE FIRE DEPARTMENT
Delegated Authority: No
Elig For Green Buckeye Award: Not reported
Active Release Site: Yes
Owner Id: W022519
Owner Name: OAK HILL RENTALS LTD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M & M SUNOCO (Continued)

U004095329

Owner Address: PO BOX 182
Owner City/State/Zip: FREMONT, OH 43420
Owner Phone: (419)332-5527

Inspection:

Facility Id: 72000117
Inspection Id: 2/14/97
Code: 401
Permit Number: P00004
Inspection Type: Final

Facility Id: 72000117
Inspection Id: 4/3/97
Code: 301
Permit Number: P00005
Inspection Type: Final

Facility Id: 72000117
Inspection Id: 5/1/94
Code: 301
Permit Number: P00002
Inspection Type: Final

Facility Id: 72000117
Inspection Id: 5/2/94
Code: 501
Permit Number: P00001
Inspection Type: Final

Facility Id: 72000117
Inspection Id: 11/2/94
Code: 402
Permit Number: P00003
Inspection Type: Final

Facility Id: 72000117
Inspection Id: 8/3/04
Code: 103
Permit Number: P00007
Inspection Type: Final

Permit:

Facility Id: 72000117
Permit Id: P00001
Permit Status: Expired
Issued Date: 5/17/1994
Lfd Permit Id: Not reported

Facility Id: 72000117
Permit Id: P00002
Permit Status: Expired
Issued Date: 5/17/1994
Lfd Permit Id: Not reported

Facility Id: 72000117
Permit Id: P00003
Permit Status: Expired

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M & M SUNOCO (Continued)

U004095329

Issued Date: 11/21/1994
Lfd Permit Id: Not reported

Facility Id: 72000117
Permit Id: P00004
Permit Status: Expired
Issued Date: 2/25/1997
Lfd Permit Id: Not reported

Facility Id: 72000117
Permit Id: P00005
Permit Status: Expired
Issued Date: 4/15/1997
Lfd Permit Id: Not reported

Facility Id: 72000117
Permit Id: P00006
Permit Status: Closed
Issued Date: 4/27/2004
Lfd Permit Id: Not reported

Facility Id: 72000117
Permit Id: P00007
Permit Status: Closed
Issued Date: 7/21/2004
Lfd Permit Id: Not reported

UST:

Tank ID: T00001
Tank Status: Removed
Tank Type: Bare Steel
Capacity: 8000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
AST/UST: UST
Installation Date: 5/1/1971
Date Removed: 8/3/2004
Date Last Used: 6/30/2004
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Lining
Release Detection on Tank: Automatic Tank Gauging
Corrosion Protection Piping: None Required
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Pressure
Release Detection on Piping: Mechanical Line Leak Detector

Tank ID: T00002
Tank Status: Removed
Tank Type: Bare Steel
Capacity: 8000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M & M SUNOCO (Continued)

U004095329

Spill Device Installed: Yes
AST/UST: UST
Installation Date: 5/1/1971
Date Removed: 8/3/2004
Date Last Used: 6/30/2004
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Lining
Release Detection on Tank: Automatic Tank Gauging
Corrosion Protection Piping: None Required
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Pressure
Release Detection on Piping: Mechanical Line Leak Detector

Tank ID: T00003
Tank Status: Removed
Tank Type: Cathodically Protected Steel
Capacity: 8000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 5/1/1971
Date Removed: 4/27/1997
Date Last Used: 4/27/1997
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Manual Tank Gauging;Statistical Inventory Reconciliation;Vapor Monitoring
Corrosion Protection Piping: Not reported
Piping Material: Galvanized Steel
Piping Type: Pressure
Release Detection on Piping: Not reported

Tank ID: T00004
Tank Status: Removed
Tank Type: Other;Polyethylene Jacket
Capacity: 6000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: Not reported
Date Removed: 8/23/1991
Date Last Used: 8/23/1991
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Fiberglass Reinforced Plastic;No
Piping Type: Not reported
Release Detection on Piping: Not reported

Tank ID: T00005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M & M SUNOCO (Continued)

U004095329

Tank Status: Removed
Tank Type: Composite (Steel with Fiberglass)
Capacity: 6000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
AST/UST: UST
Installation Date: 4/7/1997
Date Removed: 8/3/2004
Date Last Used: 6/30/2004
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: None Required
Release Detection on Tank: Automatic Tank Gauging
Corrosion Protection Piping: None Required
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Pressure
Release Detection on Piping: Mechanical Line Leak Detector

Tank ID: T00006
Tank Status: Removed
Tank Type: BM - Bare Metal
Capacity: 560
Content: Used Oil
CAS #: Not reported
Regulated: Not reported
Overfill Device Installed: Not reported
Spill Device Installed: Not reported
AST/UST: UST
Installation Date: Not reported
Date Removed: 9/6/1991
Date Last Used: 1/1/1900
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Not reported
Piping Type: Not reported
Release Detection on Piping: Not reported

C6

**IMPERIAL PLATING CO.
518 W MCPHERSON HWY
CLYDE, OH 43410**

**LUST U004093419
UST N/A**

< 1/8
1 ft.

Site 1 of 2 in cluster C

**Relative:
Lower**

LUST:
Release Number: 72002141-N00001
Release Date: 10/30/2000
Facility Status: Inactive
LTF Status: 6 Closure of regulated UST
FR Status: NFA: No Further Action
Priority: 2
Review Date: 2/24/2006
Class: Viable Responsible Party has been identified

**Actual:
654 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL PLATING CO. (Continued)

U004093419

Facility:

Facility ID: 72002141
Facility Type: Commercial
24 Hr Emergency Contact: Not reported
24 Hr Emergency Phone: Not reported
Number Of Tanks On Site: Not reported
Local Fire Department: CLYDE FIRE DEPARTMENT
Delegated Authority: No
Elig For Green Buckeye Award: Not reported
Active Release Site: No
Owner Id: W005043
Owner Name: CITY OF CLYDE
Owner Address: 222 N MAIN ST
Owner City/State/Zip: CLYDE, OH 43410
Owner Phone: (419)547-0575

Inspection:

Facility Id: 72002141
Inspection Id: 10/30/00
Code: 103
Permit Number: P00002
Inspection Type: Final

Permit:

Facility Id: 72002141
Permit Id: P00001
Permit Status: Expired
Issued Date: 10/20/2000
Lfd Permit Id: Not reported

Facility Id: 72002141
Permit Id: P00002
Permit Status: Closed
Issued Date: 10/20/2000
Lfd Permit Id: Not reported

UST:

Tank ID: T00001
Tank Status: Removed
Tank Type: Bare Steel
Capacity: 1000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 1/1/1900
Date Removed: 10/30/2000
Date Last Used: 10/30/2000
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Unknown
Piping Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL PLATING CO. (Continued)

U004093419

Release Detection on Piping: Not reported

Tank ID: T00002
Tank Status: **Removed**
Tank Type: Bare Steel
Capacity: 275
Content: Used Oil
CAS #: Not reported
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 1/1/1900
Date Removed: 10/30/2000
Date Last Used: 10/30/2000
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Unknown
Piping Type: Not reported
Release Detection on Piping: Not reported

Tank ID: T00003
Tank Status: **Removed**
Tank Type: Bare Steel
Capacity: 4000
Content: Diesel
CAS #: 68334-30-5
Regulated: Yes
Overfill Device Installed: Not reported
Spill Device Installed: Not reported
AST/UST: Not reported
Installation Date: 1/1/1900
Date Removed: 10/30/2000
Date Last Used: 10/30/2000
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Not reported
Piping Type: Not reported
Release Detection on Piping: Not reported

Tank ID: T00004
Tank Status: **Removed**
Tank Type: Bare Steel
Capacity: 4000
Content: Diesel
CAS #: 68334-30-5
Regulated: Yes
Overfill Device Installed: Not reported
Spill Device Installed: Not reported
AST/UST: Not reported
Installation Date: 1/1/1900
Date Removed: 10/30/2000
Date Last Used: 10/30/2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL PLATING CO. (Continued)

U004093419

Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Not reported
Piping Type: Not reported
Release Detection on Piping: Not reported

C7
< 1/8
1 ft.

SIGNAL DELIVERY SERVICE INC
518 W MCPHERSON HWY
CLYDE, OH 43410

RCRA-NonGen **1000307087**
FINDS **OHD981533516**

Site 2 of 2 in cluster C

Relative:
Lower

RCRA-NonGen:

Actual:
654 ft.

Date form received by agency: 07/03/1986
Facility name: SIGNAL DELIVERY SERVICE INC
Facility address: 518 W MCPHERSON HWY
CLYDE, OH 43410
EPA ID: OHD981533516
Mailing address: PO BOX 62
CLYDE, OH 43410
Contact: E ZIMMERMAN
Contact address: PO BOX 62
CLYDE, OH 43410
Contact country: US
Contact telephone: (419) 547-0502
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: LEASEWAY TRANSPORTATION
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIGNAL DELIVERY SERVICE INC (Continued)

1000307087

Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001
 Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110004643155

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

A8
< 1/8
1 ft.

HD EXPRESS MART INC
506 N MAIN ST
CLYDE, OH 43410

LUST U000696114
UST N/A

Site 2 of 2 in cluster A

Relative:
Higher

LUST:
 Release Number: 72003123-N00001
 Release Date: Not reported
Facility Status: Active
 LTF Status: 6 Closure of regulated UST
FR Status: RPT: a possible incident is reported
 Priority: 3
 Review Date: 10/6/2010
 Class: Viable Responsible Party has been identified

Actual:
678 ft.

Facility:
Facility ID: 72003123

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HD EXPRESS MART INC (Continued)

U000696114

Facility Type: Gas Station
24 Hr Emergency Contact: PAUL SINGH
24 Hr Emergency Phone: (419)790-9036
Number Of Tanks On Site: 3
Local Fire Department: CLYDE FIRE DEPARTMENT
Delegated Authority: No
Elig For Green Buckeye Award: Not reported
Active Release Site: Yes
Owner Id: W023889
Owner Name: HD EXPRESS MART INC
Owner Address: 506 N MAIN ST
Owner City/State/Zip: CLYDE, OH 43410-1643
Owner Phone: (419)790-9036

Inspection:

Facility Id: 72003123
Inspection Id: 11/2/98
Code: 302
Permit Number: P00001
Inspection Type: Final

Facility Id: 72003123
Inspection Id: 7/27/11
Code: 503
Permit Number: P00002
Inspection Type: Preliminary

Facility Id: 72003123
Inspection Id: 7/28/11
Code: 503
Permit Number: P00002
Inspection Type: Final

Permit:

Facility Id: 72003123
Permit Id: P00001
Permit Status: Expired
Issued Date: 11/5/1998
Lfd Permit Id: Not reported

Facility Id: 72003123
Permit Id: P00002
Permit Status: Closed
Issued Date: 7/25/2011
Lfd Permit Id: Not reported

UST:

Tank ID: T00001
Tank Status: Currently In Use
Tank Type: Fiberglass Reinforced Plastic
Capacity: 10000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
AST/UST: UST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HD EXPRESS MART INC (Continued)

U000696114

Installation Date: 3/1/1988
Date Removed: Not reported
Date Last Used: Not reported
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: None Required
Release Detection on Tank: Automatic Tank Gauging
Corrosion Protection Piping: None Required
Piping Material: Double Walled
Piping Type: Pressure
Release Detection on Piping: Mechanical Line Leak Detector

Tank ID: T00002
Tank Status: Currently In Use
Tank Type: Fiberglass Reinforced Plastic
Capacity: 6000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
AST/UST: UST
Installation Date: 3/1/1988
Date Removed: Not reported
Date Last Used: Not reported
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: None Required
Release Detection on Tank: Automatic Tank Gauging
Corrosion Protection Piping: None Required
Piping Material: Double Walled
Piping Type: Pressure
Release Detection on Piping: Mechanical Line Leak Detector

Tank ID: T00003
Tank Status: Currently In Use
Tank Type: Fiberglass Reinforced Plastic
Capacity: 4000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
AST/UST: UST
Installation Date: 3/1/1988
Date Removed: Not reported
Date Last Used: Not reported
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: None Required
Release Detection on Tank: Automatic Tank Gauging
Corrosion Protection Piping: None Required
Piping Material: Double Walled
Piping Type: Pressure
Release Detection on Piping: Mechanical Line Leak Detector

MAP FINDINGS

Map ID
Direction
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Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

D9 **WHIRLPOOL CORPORATION**
119 BIRDSEYE ST
< 1/8 **CLYDE, OH 43410**
1 ft.

Site 1 of 5 in cluster D

Relative:
Higher

Actual:
678 ft.

CORRACTS **1000364616**
RCRA-LQG **43410WHRLP11**
TRIS
FINDS
UIC
LUST
UST
SPILLS

CORRACTS:

EPA ID: OHD005048335
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 07/01/2006
Action: CA001
NAICS Code(s): 335224
 Household Laundry Equipment Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-LQG:

Date form received by agency: 03/02/2009
Facility name: WHIRLPOOL CORPORATION
Facility address: 119 BIRDSEYE STREET
 CLYDE, OH 43410
EPA ID: OHD005048335
Contact: MARK T DELGARBINO
Contact address: Not reported
 Not reported
Contact country: Not reported
Contact telephone: (419) 547-2189
Contact email: MARK_T_DELGARBINO@WHIRLPOOL.COM
EPA Region: 05
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: WHIRLPOOL CORPORATION
Owner/operator address: 119 BIRDSEYE STREET
 CLYDE, OH 43410
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
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WHIRLPOOL CORPORATION (Continued)

1000364616

Owner/Op end date: Not reported

Owner/operator name: WHIRLPOOL CORPORATION
Owner/operator address: 119 BIRDSEYE STREET
CLYDE, OH 43410

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1952
Owner/Op end date: Not reported

Owner/operator name: WHIRLPOOL CORPORATION
Owner/operator address: 119 BIRDSEYE STREET
CLYDE, OH 43410

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1952
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: Yes
Generated waste on-site: Not reported

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: Not reported

Waste type: Thermostats
Accumulated waste on-site: Yes
Generated waste on-site: Not reported

Waste type: Batteries
Accumulated waste on-site: Yes
Generated waste on-site: Yes

Map ID
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MAP FINDINGS

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WHIRLPOOL CORPORATION (Continued)

1000364616

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: Yes

Historical Generators:

Date form received by agency: 03/26/2008
Facility name: WHIRLPOOL CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 05/31/2007
Facility name: WHIRLPOOL CORPORATION
Site name: WHIRLPOOL CORP
Classification: Large Quantity Generator

Date form received by agency: 02/27/2007
Facility name: WHIRLPOOL CORPORATION
Site name: WHIRLPOOL CORPORATION CLYDE DIVISION
Classification: Large Quantity Generator

Date form received by agency: 06/22/2006
Facility name: WHIRLPOOL CORPORATION
Site name: WHIRLPOOL
Classification: Large Quantity Generator

Date form received by agency: 04/03/2006
Facility name: WHIRLPOOL CORPORATION
Site name: WHIRLPOOL CORPORATION CLYDE DIVISION
Classification: Large Quantity Generator

Date form received by agency: 03/01/2005
Facility name: WHIRLPOOL CORPORATION
Site name: WHIRLPOOL CORPORATION CLYDE DIVISION
Classification: Large Quantity Generator

Date form received by agency: 02/27/2004
Facility name: WHIRLPOOL CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 03/03/2003
Facility name: WHIRLPOOL CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 10/02/2002
Facility name: WHIRLPOOL CORPORATION
Site name: WHIRLPOOL CORPORATION CLYDE DIVISION
Classification: Large Quantity Generator

Date form received by agency: 02/28/2000
Facility name: WHIRLPOOL CORPORATION
Site name: WHIRLPOOL CORPORATION CLYDE DIVISION
Classification: Large Quantity Generator

Date form received by agency: 02/25/1998
Facility name: WHIRLPOOL CORPORATION
Site name: WHIRLPOOL CORPORATION CLYDE DIVISION
Classification: Large Quantity Generator

Map ID
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EPA ID Number

WHIRLPOOL CORPORATION (Continued)

1000364616

Date form received by agency: 01/01/1996
Facility name: WHIRLPOOL CORPORATION
Site name: WHIRLPOOL CORPORATION CLYDE DIVISION
Classification: Large Quantity Generator

Date form received by agency: 02/22/1994
Facility name: WHIRLPOOL CORPORATION
Site name: WHIRLPOOL CORPORATION, CLYDE DIVISION
Classification: Large Quantity Generator

Date form received by agency: 03/01/1993
Facility name: WHIRLPOOL CORPORATION
Site name: WHIRLPOOL CORP CLYDE DIV
Classification: Large Quantity Generator

Date form received by agency: 02/27/1992
Facility name: WHIRLPOOL CORPORATION
Site name: WHIRLPOOL CORPORATION CLYDE DIVISION
Classification: Large Quantity Generator

Date form received by agency: 02/27/1990
Facility name: WHIRLPOOL CORPORATION
Site name: WHIRLPOOL CORPORATION CLYDE DIVISION
Classification: Large Quantity Generator

Date form received by agency: 11/19/1980
Facility name: WHIRLPOOL CORPORATION
Site name: WHIRLPOOL CORP CLYDE DIV
Classification: Not a generator, verified

Date form received by agency: 01/01/1979
Facility name: WHIRLPOOL CORPORATION
Site name: WHIRLPOOL CORP CLYDE DIV
Classification: Large Quantity Generator

Corrective Action Summary:

Event date: 07/01/2006
Event: CA001

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: TSD IS-General Facility Standards
Date violation determined: 05/23/2007
Date achieved compliance: 07/03/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/05/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers

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MAP FINDINGS

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WHIRLPOOL CORPORATION (Continued)

1000364616

Date violation determined: 05/23/2007
Date achieved compliance: 05/23/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/05/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 3745-52-41
Area of violation: Generators - Records/Reporting
Date violation determined: 04/04/2006
Date achieved compliance: 04/04/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/04/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 3745-65-75
Area of violation: Generators - Records/Reporting
Date violation determined: 01/04/2001
Date achieved compliance: 05/03/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/31/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 3745-52-34(C)(2)
Area of violation: Generators - Pre-transport
Date violation determined: 01/04/2001
Date achieved compliance: 06/05/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/31/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 3745-65-16(C)
Area of violation: Generators - Pre-transport
Date violation determined: 01/04/2001

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WHIRLPOOL CORPORATION (Continued)

1000364616

Date achieved compliance: 06/12/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/31/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 3745-65-16(C)
Area of violation: Generators - Pre-transport
Date violation determined: 01/04/2001
Date achieved compliance: 06/12/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/01/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 3745-65-16(D)(4)
Area of violation: Generators - Pre-transport
Date violation determined: 01/04/2001
Date achieved compliance: 06/12/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/04/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 3745-52-11
Area of violation: Generators - General
Date violation determined: 01/04/2001
Date achieved compliance: 08/01/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/31/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 3745-65-16(D)(4)
Area of violation: Generators - Pre-transport
Date violation determined: 01/04/2001
Date achieved compliance: 06/12/2002

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WHIRLPOOL CORPORATION (Continued)

1000364616

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/01/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 3745-65-16(C)
Area of violation: Generators - Pre-transport
Date violation determined: 01/04/2001
Date achieved compliance: 06/12/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/04/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 3745-52-11
Area of violation: Generators - General
Date violation determined: 01/04/2001
Date achieved compliance: 08/01/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/04/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SS - 3734.02(F)
Area of violation: TSD - General
Date violation determined: 01/04/2001
Date achieved compliance: 05/03/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/31/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 3745-65-16(C)
Area of violation: Generators - Pre-transport
Date violation determined: 01/04/2001
Date achieved compliance: 06/12/2002
Violation lead agency: State

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EDR ID Number
EPA ID Number

WHIRLPOOL CORPORATION (Continued)

1000364616

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/03/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 3745-65-16(D)(4)
Area of violation: Generators - Pre-transport
Date violation determined: 01/04/2001
Date achieved compliance: 06/12/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/03/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 3745-65-16(D)(4)
Area of violation: Generators - Pre-transport
Date violation determined: 01/04/2001
Date achieved compliance: 06/12/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/31/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 3745-52-34(C)(2)
Area of violation: Generators - Pre-transport
Date violation determined: 01/04/2001
Date achieved compliance: 06/05/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/03/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 3745-52-34(C)(1)(b)
Area of violation: Specific - Boilers and Industrial Furnaces
Date violation determined: 01/04/2001
Date achieved compliance: 05/03/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL

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WHIRLPOOL CORPORATION (Continued)

1000364616

Enforcement action date: 01/31/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 3745-52-20(A)
Area of violation: Generators - Manifest
Date violation determined: 01/04/2001
Date achieved compliance: 05/03/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/31/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 3745-52-11
Area of violation: Generators - General
Date violation determined: 01/04/2001
Date achieved compliance: 08/01/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/03/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 3745-65-33
Area of violation: Generators - Pre-transport
Date violation determined: 04/15/1997
Date achieved compliance: 12/03/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/25/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 3745-65-52
Area of violation: Generators - Pre-transport
Date violation determined: 04/15/1997
Date achieved compliance: 12/03/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/25/1997

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WHIRLPOOL CORPORATION (Continued)

1000364616

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 3745-66-73(A)
Area of violation: Generators - Pre-transport
Date violation determined: 04/15/1997
Date achieved compliance: 12/03/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/25/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 3745-66-74(B)
Area of violation: Generators - Pre-transport
Date violation determined: 04/15/1997
Date achieved compliance: 12/03/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/25/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: SR - 3745-65-16(A)(B)(C)(D)
Area of violation: Generators - General
Date violation determined: 10/24/1990
Date achieved compliance: 03/11/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/30/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Evaluation Action Summary:

Evaluation date: 07/03/2007
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/23/2007

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WHIRLPOOL CORPORATION (Continued)

1000364616

Evaluation date: 05/23/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 05/23/2007
Evaluation lead agency: State

Evaluation date: 05/23/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-General Facility Standards
Date achieved compliance: 07/03/2007
Evaluation lead agency: State

Evaluation date: 04/04/2006
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Records/Reporting
Date achieved compliance: 04/04/2006
Evaluation lead agency: State

Evaluation date: 04/04/2003
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/08/2002
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/04/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 06/12/2002
Evaluation lead agency: State

Evaluation date: 01/04/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 05/03/2001
Evaluation lead agency: State

Evaluation date: 01/04/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 05/03/2001
Evaluation lead agency: State

Evaluation date: 01/04/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/01/2001
Evaluation lead agency: State

Evaluation date: 01/04/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Specific - Boilers and Industrial Furnaces
Date achieved compliance: 05/03/2001

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WHIRLPOOL CORPORATION (Continued)

1000364616

Evaluation lead agency: State

Evaluation date: 01/04/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 05/03/2001
Evaluation lead agency: State

Evaluation date: 01/04/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 06/05/2001
Evaluation lead agency: State

Evaluation date: 04/15/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 12/03/1997
Evaluation lead agency: State

Evaluation date: 10/24/1990
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - General
Date achieved compliance: 03/11/1991
Evaluation lead agency: State

Evaluation date: 10/24/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/13/1988
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/13/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

TRIS:

[Click this hyperlink](#) while viewing on your computer to access
8 additional US_TRIS: record(s) in the EDR Site Report.

FINDS:

Registry ID: 110000383166

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for

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WHIRLPOOL CORPORATION (Continued)

1000364616

information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA Air Quality System (AQS) contains ambient air pollution data collected by EPA, State, Local, and Tribal air pollution control agencies from thousands of monitoring stations.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

UIC:

Facility Id Number:	895
Facility Status:	Not reported
Latitude:	41.308534999999999
Longitude:	-82.981634999999997
Number Of UIC Wells:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WHIRLPOOL CORPORATION (Continued)

1000364616

Type Of UIC Well: No well
Type Description: Not reported
Status: Not reported
UIC Number: Not reported
Buisness Active: False
Well Id: Not reported
Well construction: Not reported
Latitude Of Well1: Not reported
Longitude Of Well1: Not reported
Latitude Of Well2: Not reported
Longitude Of Well2: Not reported
Latitude Of Well3: Not reported
Longitude Of Well3: Not reported
Latitude Of Well4: Not reported
Longitude Of Well4: Not reported
Latitude Of Well5: Not reported
Longitude Of Well5: Not reported
Latitude Of Monitoring Well: Not reported
Longitude Of Monitoring Well: Not reported

LUST:

Release Number: 72000195-N00001
Release Date: 1/19/1990
Facility Status: Active
LTF Status: 1 SUS/CON from regulated UST
FR Status: CON: a release is confirmed
Priority: 2
Review Date: 4/1/2011
Class: E

Release Number: 72000195-N00002
Release Date: 12/6/1991
Facility Status: Active
LTF Status: 6 Closure of regulated UST
FR Status: NFA: No Further Action
Priority: 2
Review Date: 4/19/2007
Class: Viable Responsible Party has been identified

Release Number: 72000195-N00003
Release Date: 12/3/2007
Facility Status: Active
LTF Status: 6 Closure of regulated UST
FR Status: NCR: No closure report received letter sent
Priority: 2
Review Date: 4/1/2011
Class: E

Facility:

Facility ID: 72000195
Facility Type: Not reported
24 Hr Emergency Contact: Not reported
24 Hr Emergency Phone: Not reported
Number Of Tanks On Site: Not reported
Local Fire Department: CLYDE FIRE DEPARTMENT
Delegated Authority: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WHIRLPOOL CORPORATION (Continued)

1000364616

Elig For Green Buckeye Award: Not reported
Active Release Site: Yes
Owner Id: W004294
Owner Name: WHIRLPOOL CORP.
Owner Address: 119 BIRDSEYE ST
Owner City/State/Zip: CLYDE, OH 43410
Owner Phone: (419) 547-7711

Inspection:
Facility Id: 72000195
Inspection Id: 12/3/07
Code: 103
Permit Number: P00001
Inspection Type: Final

Permit:
Facility Id: 72000195
Permit Id: P00001
Permit Status: Closed
Issued Date: 10/19/2007
Lfd Permit Id: Not reported

UST:
Tank ID: T00001
Tank Status: Filled in Place With Solid Material
Tank Type: Steel;Other
Capacity: 8000
Content: Unknown
CAS #: Not reported
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 1/1/1954
Date Removed: Not reported
Date Last Used: 1/1/1988
Date Abandoned/Closed: 12/3/2007
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Release Detection on Piping: Not reported

Tank ID: T00002
Tank Status: Removed
Tank Type: Steel
Capacity: 5000
Content: Unknown
CAS #: Not reported
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 1/1/1959
Date Removed: 12/18/1989
Date Last Used: 12/18/1989

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WHIRLPOOL CORPORATION (Continued)

1000364616

Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Release Detection on Piping: Not reported

Tank ID: T00003
Tank Status: Removed
Tank Type: Steel
Capacity: 6000
Content: Unknown
CAS #: Not reported
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 1/1/1956
Date Removed: 12/18/1989
Date Last Used: 12/18/1989
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Release Detection on Piping: Not reported

SPILLS:

Spill No.: 9110-72-4483
Spill Year: 1991
Date Spill Reported: 10/22/91
Spill Month: 10
Spill Number: 4483
Reporter Name: COMPANY
Confidential: No
District Code: NW
County Code: 72
Employee Number: Not reported
Lat/Long: Not reported
Product Spilled Name: WASTE WATER

Spill No.: 9210-72-4301
Spill Year: 1992
Date Spill Reported: 10/04/92
Spill Month: 10
Spill Number: 4301
Reporter Name: COMPANY
Confidential: No
District Code: NW
County Code: 72
Employee Number: Not reported
Lat/Long: Not reported
Product Spilled Name: SEWAGE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WHIRLPOOL CORPORATION (Continued)

1000364616

Spill No.: 9208-72-3732
Spill Year: 1992
Date Spill Reported: 08/25/92
Spill Month: 8
Spill Number: 3732
Reporter Name: COMPANY
Confidential: No
District Code: NW
County Code: 72
Employee Number: Not reported
Lat/Long: Not reported
Product Spilled Name: OIL

Spill No.: 9205-72-2207
Spill Year: 1992
Date Spill Reported: 05/29/92
Spill Month: 5
Spill Number: 2207
Reporter Name: COMPANY
Confidential: No
District Code: NW
County Code: 72
Employee Number: 1775
Lat/Long: Not reported
Product Spilled Name: FUEL OIL

Spill No.: 9309-72-3959
Spill Year: 1993
Date Spill Reported: 09/22/93
Spill Month: 9
Spill Number: 3959
Reporter Name: COMPANY
Confidential: No
District Code: NW
County Code: 72
Employee Number: Not reported
Lat/Long: Not reported
Product Spilled Name: SOLUABLE OIL

[Click this hyperlink](#) while viewing on your computer to access
5 additional OH SPILL: record(s) in the EDR Site Report.

D10 VALSPAR CORPORATION C/O WHIRLPOOL CORP
119 BIRDSEYE ST
< 1/8 CLYDE, OH 43410
1 ft.

RCRA-NonGen 1007449241
OHR000121459

Site 2 of 5 in cluster D

**Relative:
Higher**

RCRA-NonGen:
Date form received by agency: 09/13/2004
Facility name: VALSPAR CORPORATION C/O WHIRLPOOL CORP
Facility address: 119 BIRDSEYE ST
CLYDE, OH 43410
EPA ID: OHR000121459
Mailing address: 1028 S THIRD ST
MINNEAPOLIS, MN 55415
Contact: JOSEPH H PHOENIX
Contact address: 1028 S THIRD ST

**Actual:
678 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALSPAR CORPORATION C/O WHIRLPOOL CORP (Continued)

1007449241

Contact country: MINNEAPOLIS, MN 55415
Contact telephone: US
(612) 335-7647
Contact email: JPHOENIX@VALSPAR.COM
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: VALSPAR CORPORATION
Owner/operator address: 1028 S THIRD ST
MINNEAPOLIS, MN 55415
Owner/operator country: US
Owner/operator telephone: (612) 335-7647
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 06/01/2004
Owner/Op end date: Not reported

Owner/operator name: VALSPAR CORPORATION
Owner/operator address: 1028 S THIRD ST
MINNEAPOLIS, MN 55415
Owner/operator country: US
Owner/operator telephone: (612) 335-7647
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/01/2004
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 06/25/2004
Facility name: VALSPAR CORPORATION C/O WHIRLPOOL CORP
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

VALSPAR CORPORATION C/O WHIRLPOOL CORP (Continued)

1007449241

CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

E11

**MUNICIPAL BUILDING
 222 N MAIN ST
 CLYDE, OH 43410**

**UIC U003727844
 UST N/A**

< 1/8
 1 ft.

Site 1 of 2 in cluster E

**Relative:
 Higher**

UIC:

**Actual:
 689 ft.**

Facility Id Number: 837
 Facility Status: Not reported
 Latitude: 41.308382000000002
 Longitude: -82.974615999999997
 Number Of UIC Wells: Not reported
 Type Of UIC Well: No well
 Type Description: Not reported
 Status: Not reported
 UIC Number: Not reported
 Buisness Active: False
 Well Id: Not reported
 Well construction: Not reported
 Latitude Of Well1: Not reported
 Longitude Of Well1: Not reported
 Latitude Of Well2: Not reported
 Longitude Of Well2: Not reported
 Latitude Of Well3: Not reported
 Longitude Of Well3: Not reported
 Latitude Of Well4: Not reported
 Longitude Of Well4: Not reported
 Latitude Of Well5: Not reported
 Longitude Of Well5: Not reported
 Latitude Of Monitoring Well: Not reported
 Longitude Of Monitoring Well: Not reported

Facility:

Facility ID: 72009644
 Facility Type: Local Government
 24 Hr Emergency Contact: CLYDE POLICE DEPT
 24 Hr Emergency Phone: (419)547-9555
 Number Of Tanks On Site: 1
 Local Fire Department: Zero
 Delegated Authority: No
 Elig For Green Buckeye Award: Not reported
 Active Release Site: No
 Owner Id: W005043
 Owner Name: CITY OF CLYDE
 Owner Address: 222 N MAIN ST
 Owner City/State/Zip: CLYDE, OH 43410
 Owner Phone: (419)547-0575

Inspection:

Facility Id: 72009644
 Inspection Id: 11/24/98

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MUNICIPAL BUILDING (Continued)

U003727844

Code: 503
 Permit Number: P00001
 Inspection Type: Final

Permit:
 Facility Id: 72009644
 Permit Id: P00001
 Permit Status: Expired
 Issued Date: 12/1/1998
 Lfd Permit Id: Not reported

UST:
 Tank ID: T00001
Tank Status: Currently In Use
 Tank Type: SW - FRP - Fiberglass
 Capacity: 10000
 Content: Diesel
 CAS #: 68334-30-5
 Regulated: Yes
 Overfill Device Installed: Yes
 Spill Device Installed: Yes
 AST/UST: UST
 Installation Date: 1/1/1999
 Date Removed: Not reported
 Date Last Used: Not reported
 Date Abandoned/Closed: Not reported
 Corrosion Protection Tank: None Required
 Release Detection on Tank: Automatic Tank Gauging
 Corrosion Protection Piping: None Required
 Piping Material: SW FRP - Fiberglass
 Piping Type: Pressure
 Release Detection on Piping: None Required (Emergency Generator UST)

E12
< 1/8
1 ft.

MUNICIPAL BLDG
222 N MAIN ST
CLYDE, OH 43410

LUST U004096721
UST N/A

Site 2 of 2 in cluster E

Relative:
Higher

LUST:
 Release Number: 72005961-N00001
 Release Date: Not reported
Facility Status: Inactive
 LTF Status: 6 Closure of regulated UST
FR Status: NFA: No Further Action
 Priority: 3
 Review Date: 6/20/2000
 Class: Viable Responsible Party has been identified

Actual:
689 ft.

Facility:
 Facility ID: 72005961
 Facility Type: Local Government
 24 Hr Emergency Contact: Not reported
 24 Hr Emergency Phone: Not reported
 Number Of Tanks On Site: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MUNICIPAL BLDG (Continued)

U004096721

Local Fire Department: Zero
Delegated Authority: No
Elig For Green Buckeye Award: Not reported
Active Release Site: No
Owner Id: W005043
Owner Name: CITY OF CLYDE
Owner Address: 222 N MAIN ST
Owner City/State/Zip: CLYDE, OH 43410
Owner Phone: (419)547-0575

Inspection:
Facility Id: 72005961
Inspection Id: 5/15/98
Code: 103
Permit Number: P00001
Inspection Type: Final

UST:
Tank ID: T00001
Tank Status: Removed
Tank Type: Fiberglass Reinforced Plastic
Capacity: 550
Content: Diesel
CAS #: 68334-30-5
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: Not reported
Date Removed: 5/15/1998
Date Last Used: 5/15/1998
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Unknown
Piping Type: Not reported
Release Detection on Piping: Not reported

F13

BP OIL CO. #06526
105 W MCPHERSON HWY
CLYDE, OH 43410

LUST U004085812
UST N/A

< 1/8
1 ft.

Site 1 of 7 in cluster F

Relative:
Higher

LUST:
Release Number: 72000187-N00001
Release Date: 4/22/1992
Facility Status: Inactive
LTF Status: 1 SUS/CON from regulated UST
FR Status: NFA: No Further Action
Priority: 2
Review Date: 1/30/2009
Class: Viable Responsible Party has been identified

Actual:
678 ft.

Facility:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP OIL CO. #06526 (Continued)

U004085812

Facility ID: 72000187
Facility Type: Gas Station
24 Hr Emergency Contact: Not reported
24 Hr Emergency Phone: Not reported
Number Of Tanks On Site: Not reported
Local Fire Department: Zero
Delegated Authority: No
Elig For Green Buckeye Award: Not reported
Active Release Site: No
Owner Id: W000001
Owner Name: BP PRODUCTS N A INC-HSSE COMPL
Owner Address: P.O. BOX 6038
Owner City/State/Zip: ARTESIA, CA 90702
Owner Phone: 732-743-0901

Inspection:

Facility Id: 72000187
Inspection Id: 12/15/92
Code: 601
Permit Number: P00002
Inspection Type: Final

Facility Id: 72000187
Inspection Id: 12/15/92
Code: 103
Permit Number: P00001
Inspection Type: Final

Permit:

Facility Id: 72000187
Permit Id: P00001
Permit Status: Expired
Issued Date: 1/25/1994
Lfd Permit Id: Not reported

Facility Id: 72000187
Permit Id: P00002
Permit Status: Expired
Issued Date: 1/27/1994
Lfd Permit Id: Not reported

UST:

Tank ID: T00001
Tank Status: Removed
Tank Type: Fiberglass Reinforced Plastic
Capacity: 1000
Content: Used Oil
CAS #: Not reported
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 1/1/1987
Date Removed: 12/1/1992
Date Last Used: 12/1/1992
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP OIL CO. #06526 (Continued)

U004085812

Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Gravity Feed
Release Detection on Piping: Not reported

Tank ID: T00002
Tank Status: **Removed**
Tank Type: Fiberglass Reinforced Plastic
Capacity: 1000
Content: Kerosene
CAS #: 8008-20-6
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 1/1/1987
Date Removed: 12/1/1992
Date Last Used: 12/1/1992
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Suction: valve at tank
Release Detection on Piping: Not reported

Tank ID: T00003
Tank Status: **Removed**
Tank Type: Fiberglass Reinforced Plastic
Capacity: 10000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 1/1/1987
Date Removed: 12/1/1992
Date Last Used: 12/1/1992
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Pressure
Release Detection on Piping: Not reported

Tank ID: T00004
Tank Status: **Removed**
Tank Type: Fiberglass Reinforced Plastic
Capacity: 10000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP OIL CO. #06526 (Continued)

U004085812

AST/UST: UST
Installation Date: 1/1/1987
Date Removed: 12/1/1992
Date Last Used: 12/1/1992
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Pressure
Release Detection on Piping: Not reported

Tank ID: T00005
Tank Status: Removed
Tank Type: Fiberglass Reinforced Plastic
Capacity: 10000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 1/1/1987
Date Removed: 12/1/1992
Date Last Used: 12/1/1992
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Pressure
Release Detection on Piping: Not reported

F14
< 1/8
1 ft.

**BP OIL SITE 06526
105 W MCPHERSON HWY AND MAIN
CLYDE, OH 43410**

**RCRA-NonGen 1000561165
FINDS OHD987019627**

Site 2 of 7 in cluster F

**Relative:
Higher**

RCRA-NonGen:
Date form received by agency: 07/27/1998
Facility name: BP OIL SITE 06526
Facility address: 105 W MCPHERSON HWY AND MAIN
RTE 20
CLYDE, OH 43410
EPA ID: OHD987019627
Mailing address: TOLEDO DISTRICT OFFICE
TOLEDO, OH 436073696
Contact: RALPH HAGMAN
Contact address: TOLEDO DISTRICT OFFICE
TOLEDO, OH 436073696
Contact country: US
Contact telephone: (419) 537-9072
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

**Actual:
678 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP OIL SITE 06526 (Continued)

1000561165

Owner/Operator Summary:

Owner/operator name: BP OIL COMPANY
Owner/operator address: 200 PUBLIC SQUARE
CLEVELAND, OH 44114
Owner/operator country: Not reported
Owner/operator telephone: (216) 586-5398
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018
Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110007714198

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP OIL SITE 06526 (Continued)

1000561165

corrective action activities required under RCRA.

D15
< 1/8
1 ft.

**CLYDE CENTRAL OFFICE
120 BUCKEYE ST
CLYDE, OH 43410**

**LUST U003749568
UST N/A**

Site 3 of 5 in cluster D

**Relative:
Higher**

LUST:

**Actual:
677 ft.**

Release Number: 72007188-N00001
Release Date: Not reported
Facility Status: Inactive
LTF Status: 6 Closure of regulated UST
FR Status: NFA: No Further Action
Priority: 3
Review Date: 6/20/2000
Class: Viable Responsible Party has been identified

Facility:

Facility ID: 72007188
Facility Type: Utilities
24 Hr Emergency Contact: DAN FARRELL
24 Hr Emergency Phone: (260)433-0093
Number Of Tanks On Site: 1
Local Fire Department: CLYDE FIRE DEPARTMENT
Delegated Authority: No
Elig For Green Buckeye Award: Not reported
Active Release Site: No
Owner Id: W025009
Owner Name: FRONTIER COMMUNICATION CORP
Owner Address: 11799 NORTH COLLEGE AVE
Owner City/State/Zip: CARMEL, IN 46032
Owner Phone: (317)208-3474

Inspection:

Facility Id: 72007188
Inspection Id: 7/22/97
Code: 103
Permit Number: P00001
Inspection Type: Final

Permit:

Facility Id: 72007188
Permit Id: P00001
Permit Status: Expired
Issued Date: 7/24/1997
Lfd Permit Id: Not reported

Facility Id: 72007188
Permit Id: P00001
Permit Status: Expired
Issued Date: 7/24/1997
Lfd Permit Id: Not reported

UST:

Tank ID: T00001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLYDE CENTRAL OFFICE (Continued)

U003749568

Tank Status: Removed
Tank Type: Fiberglass Reinforced Plastic
Capacity: 1000
Content: Diesel
CAS #: 68334-30-5
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 11/1/1984
Date Removed: 11/12/1997
Date Last Used: 11/12/1997
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Bare Steel
Piping Type: Suction: valve at tank
Release Detection on Piping: Not reported

Tank ID: T00002
Tank Status: Currently In Use
Tank Type: SW - FRP - Fiberglass
Capacity: 1000
Content: Diesel
CAS #: 68334-30-5
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
AST/UST: UST
Installation Date: 4/9/1998
Date Removed: Not reported
Date Last Used: Not reported
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: None Required
Release Detection on Tank: Automatic Tank Gauging
Corrosion Protection Piping: None Required
Piping Material: DW FPTP - Flex Pipe
Piping Type: Suction: valve at dispenser
Release Detection on Piping: None Required

16 RIGHT OF WAY
< 1/8 917 VINE ST
1 ft. CLYDE, OH 43410

LUST U004099897
UST N/A

Relative:
Higher

Actual:
679 ft.

LUST:
Release Number: 72009993-N00001
Release Date: 5/15/2003
Facility Status: Inactive
LTF Status: 6 Closure of regulated UST
FR Status: NFA: No Further Action
Priority: 3
Review Date: 5/16/2003
Class: Responsible Party for release has not yet been determined

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIGHT OF WAY (Continued)

U004099897

Facility:

Facility ID: 72009993
Facility Type: Local Government
24 Hr Emergency Contact: Not reported
24 Hr Emergency Phone: Not reported
Number Of Tanks On Site: Not reported
Local Fire Department: CLYDE FIRE DEPARTMENT
Delegated Authority: No
Elig For Green Buckeye Award: Not reported
Active Release Site: No
Owner Id: W005043
Owner Name: CITY OF CLYDE
Owner Address: 222 N MAIN ST
Owner City/State/Zip: CLYDE, OH 43410
Owner Phone: (419)547-0575

Inspection:

Facility Id: 72009993
Inspection Id: 2/19/03
Code: 103
Permit Number: P00001
Inspection Type: Final

Permit:

Facility Id: 72009993
Permit Id: P00001
Permit Status: Expired
Issued Date: 2/18/2003
Lfd Permit Id: Not reported

UST:

Tank ID: T00001
Tank Status: Removed
Tank Type: Bare Steel
Capacity: 500
Content: Gasoline
CAS #: 8006-61-9
Regulated: Not reported
Overfill Device Installed: Not reported
Spill Device Installed: Not reported
AST/UST: UST
Installation Date: Not reported
Date Removed: 2/19/2003
Date Last Used: 2/19/2003
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Release Detection on Piping: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

17

SUPERIOR DOT INC
870 N WOODLAND AVE
CLYDE, OH 43410

RCRA-SQG 1001090785
FINDS OHR000013672

< 1/8
1 ft.

Relative:
Lower

Actual:
652 ft.

RCRA-SQG:

Date form received by agency: 05/29/1996
Facility name: SUPERIOR DOT INC
Facility address: 870 N WOODLAND AVE
CLYDE, OH 43410
EPA ID: OHR000013672
Contact: DERRIN ALLEN
Contact address: 870 N WOODLAND AVE
CLYDE, OH 43410
Contact country: US
Contact telephone: (419) 547-0096
Contact email: Not reported
EPA Region: 05
Land type: Private
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: DERRIN ALLEN
Owner/operator address: 870 N WOODLAND AVE
CLYDE, OH 43410
Owner/operator country: Not reported
Owner/operator telephone: (419) 547-0096
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPERIOR DOT INC (Continued)

1001090785

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 08/25/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110004717183

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

F18
East
< 1/8
0.005 mi.
28 ft.

R & R SERVICE
110 E MCPHERSON HWY
CLYDE, OH 43410
Site 3 of 7 in cluster F

LUST U004099344
UST N/A

Relative:
Higher

LUST:
Release Number: 72009290-N00001
Release Date: Not reported
Facility Status: Inactive
LTF Status: 1 SUS/CON from regulated UST
FR Status: NFA: No Further Action
Priority: 2
Review Date: 7/16/2001
Class: Viable Responsible Party has been identified

Actual:
679 ft.

Facility:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R & R SERVICE (Continued)

U004099344

Facility ID: 72009290
Facility Type: Gas Station
24 Hr Emergency Contact: Not reported
24 Hr Emergency Phone: Not reported
Number Of Tanks On Site: Not reported
Local Fire Department: Zero
Delegated Authority: No
Elig For Green Buckeye Award: Not reported
Active Release Site: No
Owner Id: W006609
Owner Name: R & R SERVICE
Owner Address: 110 E MCPHERSON HWY
Owner City/State/Zip: CLYDE, OH 43410
Owner Phone: (419) 547-0263

Inspection:
Facility Id: 72009290
Inspection Id: 8/18/93
Code: 103
Permit Number: P00001
Inspection Type: Final

Permit:
Facility Id: 72009290
Permit Id: P00001
Permit Status: Expired
Issued Date: 1/25/1994
Lfd Permit Id: Not reported

UST:
Tank ID: T00001
Tank Status: Removed
Tank Type: Steel
Capacity: 6000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 6/1/1958
Date Removed: 8/18/1993
Date Last Used: 8/18/1993
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Galvanized Steel
Piping Type: Pressure
Release Detection on Piping: Not reported

Tank ID: T00002
Tank Status: Removed
Tank Type: Steel
Capacity: 6000
Content: Gasoline
CAS #: 8006-61-9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R & R SERVICE (Continued)

U004099344

Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 6/1/1958
Date Removed: 8/18/1993
Date Last Used: 8/18/1993
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Galvanized Steel
Piping Type: Pressure
Release Detection on Piping: Not reported

Tank ID: T00003
Tank Status: Removed
Tank Type: Not reported
Capacity: 4000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 6/1/1958
Date Removed: 8/18/1993
Date Last Used: 8/18/1993
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Galvanized Steel
Piping Type: Suction: no valve at tank
Release Detection on Piping: Not reported

Tank ID: T00004
Tank Status: Removed
Tank Type: Fiberglass Reinforced Plastic
Capacity: 2000
Content: Kerosene
CAS #: 8008-20-6
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 6/1/1978
Date Removed: 8/18/1993
Date Last Used: 8/18/1993
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Galvanized Steel
Piping Type: Suction: no valve at tank
Release Detection on Piping: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R & R SERVICE (Continued)

U004099344

Tank ID: T00005
Tank Status: **Removed**
Tank Type: Steel
Capacity: 550
Content: Used Oil
CAS #: Not reported
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 6/1/1975
Date Removed: 8/18/1993
Date Last Used: 8/18/1993
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Galvanized Steel
Piping Type: Gravity Feed
Release Detection on Piping: Not reported

Tank ID: T00006
Tank Status: **Removed**
Tank Type: Steel
Capacity: 550
Content: Diesel
CAS #: 68334-30-5
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 1/1/1958
Date Removed: 8/18/1993
Date Last Used: 8/18/1993
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Release Detection on Piping: Not reported

F19
East
< 1/8
0.007 mi.
36 ft.

SPEEDWAY 3606
108 MCPHERSON ST
CLDYE, OH 43410
Site 4 of 7 in cluster F

RCRA-CESQG 1004764822
FINDS OHD987005329

Relative:
Higher

RCRA-CESQG:
Date form received by agency: 02/15/2011
Facility name: SPEEDWAY 3606
Facility address: 108 MCPHERSON ST
CLYDE, OH 43410
EPA ID: OHD987005329
Mailing address: PO BOX 1500
SPRINGFIELD, OH 45501
Contact: CHARLES A BESSE

Actual:
679 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 3606 (Continued)

1004764822

Contact address: PO BOX 1500
SPRINGFIELD, OH 45501
Contact country: US
Contact telephone: (937) 863-6278
Contact email: CABESSE@SSALLC.COM
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: SPEEDWAY LLC
Owner/operator address: PO BOX 1500
SPRINGFIELD, OH 45501
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

Owner/operator name: SPEEDWAY LLC
Owner/operator address: PO BOX 1500
SPRINGFIELD, OH 45501
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1900
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 3606 (Continued)

1004764822

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 04/04/2005
Facility name: SPEEDWAY 3606
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/08/1997
Facility name: SPEEDWAY 3606
Site name: STARVIN MARVIN 3606
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018
Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110006373478

Environmental Interest/Information System

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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F20
East
< 1/8
0.007 mi.
36 ft.

SPEEDWAY #3606
108 MCPHERSON
CLYDE, OH 43410
Site 5 of 7 in cluster F

LUST U000895400
UST N/A

Relative:
Higher

LUST:

Actual:
679 ft.

Release Number: 72000103-N00001
Release Date: Not reported
Facility Status: Active
LTF Status: 1 SUS/CON from regulated UST
FR Status: DIS: a release is disproved
Priority: 2
Review Date: 6/20/2000
Class: Viable Responsible Party has been identified

Release Number: 72000103-N00002
Release Date: 9/11/2003
Facility Status: Active
LTF Status: 1 SUS/CON from regulated UST
FR Status: TR2: Tier 2
Priority: 2
Review Date: 7/14/2011
Class: Viable Responsible Party has been identified

Release Number: 72000103-N00003
Release Date: 6/1/2010
Facility Status: Active
LTF Status: 1 SUS/CON from regulated UST
FR Status: DIS: a release is disproved
Priority: 2
Review Date: 6/29/2010
Class: Viable Responsible Party has been identified

Facility:

Facility ID: 72000103
Facility Type: Gas Station
24 Hr Emergency Contact: Speedway Store Support
24 Hr Emergency Phone: (800)255-6690
Number Of Tanks On Site: 5
Local Fire Department: CLYDE FIRE DEPARTMENT
Delegated Authority: No
Elig For Green Buckeye Award: Not reported
Active Release Site: Yes
Owner Id: W009441
Owner Name: SPEEDWAY LLC
Owner Address: PO BOX 1500
Owner City/State/Zip: SPRINGFIELD, OH 45501
Owner Phone: (937)863-7034

Inspection:

Facility Id: 72000103
Inspection Id: 9/6/96
Code: 503
Permit Number: P00001
Inspection Type: Final

Facility Id: 72000103
Inspection Id: 8/18/03

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY #3606 (Continued)

U000895400

Code: 402
Permit Number: P00002
Inspection Type: Preliminary

Facility Id: 72000103
Inspection Id: 8/27/03
Code: 502
Permit Number: P00002
Inspection Type: Final

Facility Id: 72000103
Inspection Id: 6/3/10
Code: 502
Permit Number: P00004
Inspection Type: Final

Facility Id: 72000103
Inspection Id: 6/3/10
Code: 101
Permit Number: P00004
Inspection Type: Final

Permit:
Facility Id: 72000103
Permit Id: P00001
Permit Status: Expired
Issued Date: 9/20/1996
Lfd Permit Id: Not reported

Facility Id: 72000103
Permit Id: P00002
Permit Status: Closed
Issued Date: 8/14/2003
Lfd Permit Id: Not reported

Facility Id: 72000103
Permit Id: P00002
Permit Status: Closed
Issued Date: 8/14/2003
Lfd Permit Id: Not reported

Facility Id: 72000103
Permit Id: P00003
Permit Status: Closed
Issued Date: 7/11/2006
Lfd Permit Id: Not reported

Facility Id: 72000103
Permit Id: P00004
Permit Status: Closed
Issued Date: 6/3/2010
Lfd Permit Id: Not reported

UST:
Tank ID: T00001
Tank Status: **Currently In Use**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY #3606 (Continued)

U000895400

Tank Type: SW - FRP - Fiberglass
Capacity: 3000
Content: Kerosene
CAS #: 8008-20-6
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
AST/UST: UST
Installation Date: 6/1/1988
Date Removed: Not reported
Date Last Used: Not reported
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: None Required
Release Detection on Tank: Automatic Tank Gauging
Corrosion Protection Piping: None Required
Piping Material: DW FRP - Fiberglass
Piping Type: Suction: valve at dispenser
Release Detection on Piping: Safe Suction

Tank ID: T00002
Tank Status: Currently In Use
Tank Type: SW - FRP - Fiberglass
Capacity: 10000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
AST/UST: UST
Installation Date: 6/1/1988
Date Removed: Not reported
Date Last Used: Not reported
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: None Required
Release Detection on Tank: Automatic Tank Gauging
Corrosion Protection Piping: None Required
Piping Material: DW FRP - Fiberglass
Piping Type: Pressure
Release Detection on Piping: Electronic Line Leak Detector

Tank ID: T00003
Tank Status: Currently In Use
Tank Type: SW - FRP - Fiberglass
Capacity: 10000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
AST/UST: UST
Installation Date: 6/1/1988
Date Removed: Not reported
Date Last Used: Not reported
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: None Required
Release Detection on Tank: Automatic Tank Gauging
Corrosion Protection Piping: None Required

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY #3606 (Continued)

U000895400

Piping Material: DW FRP - Fiberglass
Piping Type: Pressure
Release Detection on Piping: Electronic Line Leak Detector

Tank ID: T00004
Tank Status: Currently In Use
Tank Type: SW - FRP - Fiberglass
Capacity: 10000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
AST/UST: UST
Installation Date: 6/1/1988
Date Removed: Not reported
Date Last Used: Not reported
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: None Required
Release Detection on Tank: Automatic Tank Gauging
Corrosion Protection Piping: None Required
Piping Material: DW FRP - Fiberglass
Piping Type: Pressure
Release Detection on Piping: Electronic Line Leak Detector

Tank ID: T00005
Tank Status: Currently In Use
Tank Type: SW - FRP - Fiberglass
Capacity: 10000
Content: Diesel
CAS #: 68334-30-5
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
AST/UST: UST
Installation Date: 6/1/1988
Date Removed: Not reported
Date Last Used: Not reported
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: None Required
Release Detection on Tank: Automatic Tank Gauging
Corrosion Protection Piping: None Required
Piping Material: DW FRP - Fiberglass
Piping Type: Pressure
Release Detection on Piping: Electronic Line Leak Detector

F21
East
< 1/8
0.010 mi.
52 ft.

SUPERIOR DOT CLEANERS INC
116 E MCPHERSON HWY
CLYDE, OH 43410
Site 6 of 7 in cluster F

RCRA-SQG 1001029575
FINDS OHR000006270

Relative:
Higher

RCRA-SQG:
Date form received by agency: 08/25/1995
Facility name: SUPERIOR DOT CLEANERS INC
Facility address: 116 E MCPHERSON HWY
CLYDE, OH 43410

Actual:
679 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPERIOR DOT CLEANERS INC (Continued)

1001029575

EPA ID: OHR000006270
Contact: DARRIN ALLEN
Contact address: 116 E MCPHERSON HWY
CLYDE, OH 43410
Contact country: US
Contact telephone: (419) 547-0096
Contact email: Not reported
EPA Region: 05
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: SUPERIOR DOT CLEANERS
Owner/operator address: 116 E MCPHERSON HWY
CLYDE, OH 43410
Owner/operator country: Not reported
Owner/operator telephone: (419) 547-0096
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING,

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SUPERIOR DOT CLEANERS INC (Continued)

1001029575

BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110004711875

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

D22
South
< 1/8
0.012 mi.
63 ft.

CLYDE GAS COMPANY
BIRDSEYE STREET AT RR
CLYDE, OH 43410

Manufactured Gas Plants **1008407576**
N/A

Site 4 of 5 in cluster D

Relative:
Higher

Manufactured Gas Plants:
 No additional information available

Actual:
679 ft.

D23
South
< 1/8
0.012 mi.
63 ft.

CLYDE GAS COMPANY
BIRDSEYE STREET AT RR
CLYDE, OH 43410

TOWNGAS **S105743201**
N/A

Site 5 of 5 in cluster D

Relative:
Higher

TWNGAS:
 District: 3
 Lat/Long: 41 19 27 / 82 58 22
 Process: WATER GAS

Actual:
679 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F24
East
< 1/8
0.027 mi.
140 ft.

NAGY AUTO BODY
133 MCPHERSON HWY
CLYDE, OH 43410

RCRA-NonGen **1000439516**
FINDS **OHD981786577**

Site 7 of 7 in cluster F

Relative:
Higher

RCRA-NonGen:

Date form received by agency: 01/23/1991
Facility name: NAGY AUTO BODY
Facility address: 133 MCPHERSON HWY
CLYDE, OH 43410
EPA ID: OHD981786577
Mailing address: 133 E MCPHERSON HWY
CLYDE, OH 43410
Contact: LYNN NAGY
Contact address: 133 E MCPHERSON HWY
CLYDE, OH 43410
Contact country: US
Contact telephone: (419) 547-8447
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
681 ft.

Owner/Operator Summary:

Owner/operator name: NAGY LYNN
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NAGY AUTO BODY (Continued)

1000439516

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110004645652

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

G25
East
< 1/8
0.097 mi.
512 ft.

BILLINGS GARAGE
231 E MCPHERSON HWY
CLYDE, OH 43410

Site 1 of 2 in cluster G

LUST U004085286
UST N/A

Relative:
Higher

LUST:

Release Number: 72000038-N00001
Release Date: 10/5/1993
Facility Status: Active
LTF Status: 1 SUS/CON from regulated UST
FR Status: CON: a release is confirmed
Priority: 2
Review Date: 6/14/2011
Class: Viable Responsible Party has been identified

Actual:
685 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILLINGS GARAGE (Continued)

U004085286

Facility:

Facility ID: 72000038
Facility Type: Commercial
24 Hr Emergency Contact: Not reported
24 Hr Emergency Phone: Not reported
Number Of Tanks On Site: Not reported
Local Fire Department: Zero
Delegated Authority: No
Elig For Green Buckeye Award: Not reported
Active Release Site: Yes
Owner Id: W001000
Owner Name: JAMES T. BILLINGS
Owner Address: 231 E MCPHERSON HWY
Owner City/State/Zip: CLYDE, OH 43410
Owner Phone: (419) 547-9449

Inspection:

Facility Id: 72000038
Inspection Id: 10/5/93
Code: 101
Permit Number: P00001
Inspection Type: Final

Permit:

Facility Id: 72000038
Permit Id: P00001
Permit Status: Expired
Issued Date: 1/25/1994
Lfd Permit Id: Not reported

UST:

Tank ID: T00001
Tank Status: Removed
Tank Type: Other
Capacity: 4000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 1/1/1960
Date Removed: 10/5/1993
Date Last Used: 10/5/1993
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Cathodically Protected
Piping Type: Suction: valve at tank
Release Detection on Piping: Not reported

Tank ID: T00002
Tank Status: Removed
Tank Type: Other
Capacity: 4000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILLINGS GARAGE (Continued)

U004085286

Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 1/1/1960
Date Removed: 10/5/1993
Date Last Used: 10/5/1993
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Cathodically Protected
Piping Type: Suction: valve at tank
Release Detection on Piping: Not reported

Tank ID: T00003
Tank Status: Removed
Tank Type: Other
Capacity: 550
Content: Kerosene
CAS #: 8008-20-6
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 1/1/1960
Date Removed: 10/5/1993
Date Last Used: 10/5/1993
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Cathodically Protected
Piping Type: Suction: valve at tank
Release Detection on Piping: Not reported

Tank ID: T00004
Tank Status: Removed
Tank Type: Other
Capacity: 4000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: 1/1/1970
Date Removed: 10/5/1993
Date Last Used: 10/5/1993
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Cathodically Protected
Piping Type: Suction: valve at tank

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILLINGS GARAGE (Continued)

U004085286

Release Detection on Piping: Not reported

G26
East
< 1/8
0.103 mi.
544 ft.

SUNOCO SERVICE STATION
230 MCPHERSON HIGHWAY
CLYDE, OH 43410

RCRA-NonGen **1000330087**
FINDS **OHD000667865**

Site 2 of 2 in cluster G

Relative:
Higher

RCRA-NonGen:

Actual:
686 ft.

Date form received by agency: 06/24/1998
Facility name: SUNOCO SERVICE STATION
Facility address: 230 MCPHERSON HIGHWAY
CLYDE, OH 43410
EPA ID: OHD000667865
Contact: GIL LOVELL
Contact address: 230 MCPHERSON HIGHWAY
CLYDE, OH 43410
Contact country: US
Contact telephone: (313) 358-2540
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNOCO SERVICE STATION (Continued)

1000330087

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110004580677

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

27
South
1/8-1/4
0.199 mi.
1052 ft.

JOES CLEANERS
109 W BUCKEYE
CLYDE, OH 43410

RCRA-NonGen **1000374327**
FINDS **OHD986979722**

Relative:
Higher

RCRA-NonGen:

Date form received by agency: 09/17/1996
Facility name: JOES CLEANERS
Facility address: 109 W BUCKEYE
CLYDE, OH 43410
EPA ID: OHD986979722
Contact: JOSEPH MALTESE
Contact address: 109 W BUCKEYE
CLYDE, OH 43410
Contact country: US
Contact telephone: (419) 547-9131
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
694 ft.

Owner/Operator Summary:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOES CLEANERS (Continued)

1000374327

Owner/operator name: MALTESE JOSEPH J
Owner/operator address: NOT REPORTED
NOT REPORTED, OH 00000
Owner/operator country: Not reported
Owner/operator telephone: (000) 000-0000
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROETHYLENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110004664373

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

H28
West
1/8-1/4
0.224 mi.
1181 ft.

CITY OF CLYDE
803 W MCPHERSON HWY
CLYDE, OH 43410

LUST **U004087380**
UST **N/A**

Site 1 of 2 in cluster H

Relative:
Lower

LUST:

Release Number: 72005744-N00001
 Release Date: Not reported
Facility Status: Inactive
 LTF Status: 6 Closure of regulated UST
FR Status: NFA: No Further Action
 Priority: 3
 Review Date: 6/20/2000
 Class: Viable Responsible Party has been identified

Actual:
653 ft.

Facility:

Facility ID: 72005744
 Facility Type: Local Government
 24 Hr Emergency Contact: Not reported
 24 Hr Emergency Phone: Not reported
 Number Of Tanks On Site: Not reported
 Local Fire Department: Zero
 Delegated Authority: No
 Elig For Green Buckeye Award: Not reported
 Active Release Site: No
 Owner Id: W005043
 Owner Name: CITY OF CLYDE
 Owner Address: 222 N MAIN ST
 Owner City/State/Zip: CLYDE, OH 43410
 Owner Phone: (419)547-0575

Inspection:

Facility Id: 72005744
 Inspection Id: 1/20/98
 Code: 103
 Permit Number: P00001
 Inspection Type: Final

Permit:

Facility Id: 72005744
 Permit Id: P00001
 Permit Status: Expired
 Issued Date: 2/24/1998
 Lfd Permit Id: Not reported

UST:

Tank ID: T00001
Tank Status: Removed
 Tank Type: Other
 Capacity: Not reported
 Content: Gasoline
 CAS #: 8006-61-9
 Regulated: Yes
 Overfill Device Installed: No
 Spill Device Installed: No
 AST/UST: UST
 Installation Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF CLYDE (Continued)

U004087380

Date Removed: 1/20/1998
Date Last Used: 1/20/1998
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Unknown
Piping Type: Not reported
Release Detection on Piping: Not reported

Tank ID: T00002
Tank Status: **Removed**
Tank Type: Other
Capacity: Not reported
Content: Diesel
CAS #: 68334-30-5
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: Not reported
Date Removed: 1/20/1998
Date Last Used: 1/20/1998
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Unknown
Piping Type: Not reported
Release Detection on Piping: Not reported

Tank ID: T00003
Tank Status: **Removed**
Tank Type: Other
Capacity: Not reported
Content: Used Oil
CAS #: Not reported
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
AST/UST: UST
Installation Date: Not reported
Date Removed: 1/20/1998
Date Last Used: 1/20/1998
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Unknown
Piping Type: Not reported
Release Detection on Piping: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

H29
West
1/8-1/4
0.224 mi.
1181 ft.

OHIO NATIONAL GUARD ORG MAINT SHOP 10
803 W MCPERSON HWY
CLYDE, OH 43410

RCRA-SQG 1000326291
FINDS OHD981192990

Site 2 of 2 in cluster H

Relative:
Lower

RCRA-SQG:

Date form received by agency: 01/21/1986

Facility name: OHIO NATIONAL GUARD ORG MAINT SHOP 10

Facility address: 803 W MCPERSON HWY

CLYDE, OH 43410

EPA ID: OHD981192990

Contact: MARK GIBSON

Contact address: 803 W MCPERSON HWY

CLYDE, OH 43410

Contact country: US

Contact telephone: (614) 889-7106

Contact email: Not reported

EPA Region: 05

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: OHIO NATIONAL GUARD

Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported

Owner/operator telephone: (312) 555-1212

Legal status: State

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED

Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported

Owner/operator telephone: (312) 555-1212

Legal status: State

Owner/Operator Type: Operator

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: Yes

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Used oil fuel burner: No

Used oil processor: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

OHIO NATIONAL GUARD ORG MAINT SHOP 10 (Continued)

1000326291

User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Hazardous Waste Summary:

Waste code: F001
 Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110004641399

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

30
South
1/8-1/4
0.245 mi.
1295 ft.

CLYDE PAINT AND SUPPLY COMPANY
435 WEST MULBERRY STREET
CLYDE, OH 43410

CERC-NFRAP 1000185627
CORRACTS OHD005048459
RCRA-NonGen
FINDS

Relative:
Higher

CERC-NFRAP:
 Site ID: 0506971
 Federal Facility: Not a Federal Facility
 NPL Status: Not on the NPL
 Non NPL Status: Deferred to RCRA

Actual:
672 ft.

Program Priority:
 Description: Great Lakes
 Description: RCRA Deferral Audit
 Description: RCRA Deferral - Lead Confirmed

CERCLIS-NFRAP Assessment History:
 Action: DISCOVERY
 Date Started: Not reported
 Date Completed: 05/21/1991
 Priority Level: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLYDE PAINT AND SUPPLY COMPANY (Continued)

1000185627

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 10/28/1992
Priority Level: Deferred to RCRA (Subtitle C)

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 12/27/1995
Priority Level: Not reported

CORRACTS:

EPA ID: OHD005048459
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 05/01/2009
Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: OHD005048459
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 07/01/2006
Action: CA001
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-NonGen:

Date form received by agency: 05/11/2005
Facility name: NAGY AUTO BODY
Facility address: 435 MULBERRY ST
CLYDE, OH 43410
EPA ID: OHD005048459
Contact: LYNN L NAGY
Contact address: 435 MULBERRY ST
CLYDE, OH 43410
Contact country: US
Contact telephone: (419) 547-8447
Contact email: Not reported
EPA Region: 05
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NAGY LYNN L
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLYDE PAINT AND SUPPLY COMPANY (Continued)

1000185627

Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 08/27/1990
Facility name: NAGY AUTO BODY
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/08/1985
Facility name: NAGY AUTO BODY
Classification: Not a generator, verified

Date form received by agency: 01/01/1979
Facility name: NAGY AUTO BODY
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLYDE PAINT AND SUPPLY COMPANY (Continued)

1000185627

Corrective Action Summary:

Event date: 07/01/2006
Event: CA001

Event date: 05/01/2009
Event: RFA Determination Of Need For An RFI, RFI is Not Necessary;

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 05/11/2005
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/27/1990
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/29/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/25/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110004598025

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

I31 **FORMULATED PRODUCTS**
ESE **110 EAST ST**
1/4-1/2 **CLYDE, OH 43410**
0.264 mi.
1396 ft. **Site 1 of 2 in cluster I**

DERR **1004572546**
N/A

Relative: **DERR:**
Higher DERR ID: 372001799
 District: NWDO
Actual: Alias: Not reported
696 ft. Lat/Long: 41.306339999999999 -82.969800000000006
 EPA ID: OHD000318600
 Program: **Not reported**
 Contact Phone: (419) 352-8461

I32 **FORMULATED PRODUCTS**
ESE **110 EAST STREET**
1/4-1/2 **CLYDE, OH 43410**
0.264 mi.
1396 ft. **Site 2 of 2 in cluster I**

CERC-NFRAP **1000885527**
OHD000318600

Relative: **CERC-NFRAP:**
Higher Site ID: 0507489
 Federal Facility: Not a Federal Facility
Actual: NPL Status: Not on the NPL
696 ft. Non NPL Status: Referred to Removal - NFRAP

CERCLIS-NFRAP Site Contact Details:
 Contact Sequence ID: 5353084.00000
 Person ID: 5270195.00000

Program Priority:
 Description: Great Lakes

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	03/29/1994
Priority Level:	Not reported
Action:	Notice Letters Issued
Date Started:	Not reported
Date Completed:	04/25/1994
Priority Level:	Not reported
Action:	ISSUE REQUEST LETTERS (104E)
Date Started:	Not reported
Date Completed:	04/28/1994
Priority Level:	Not reported
Action:	ISSUE REQUEST LETTERS (104E)
Date Started:	Not reported
Date Completed:	04/28/1994
Priority Level:	Not reported
Action:	ISSUE REQUEST LETTERS (104E)
Date Started:	Not reported
Date Completed:	04/28/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMULATED PRODUCTS (Continued)

1000885527

Priority Level: Not reported

Action: REMOVAL
Date Started: 06/14/1994
Date Completed: 08/17/1994
Priority Level: Cleaned up

Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 03/21/1997
Priority Level: Not reported

Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 03/21/1997
Priority Level: Not reported

Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 07/11/1997
Priority Level: Not reported

Action: NON-NATIONAL PRIORITIES LIST POTENTIALLY RESPONSIBLE PARTY SEARCH
Date Started: Not reported
Date Completed: 08/14/1997
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 06/28/1999
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 05/31/2005
Priority Level: Not reported

Action: ADMINISTRATIVE RECORDS
Date Started: 06/13/1994
Date Completed: 05/31/2005
Priority Level: Admin Record Compiled for a Removal Event

33
SSE
1/4-1/2
0.481 mi.
2538 ft.

**CLYDE SERVICE DEPT
606 CHURCH ST
CLYDE, OH 43410**

**LUST U003161165
UST N/A**

**Relative:
Higher**

LUST:
Release Number: 72005739-N00001
Release Date: 7/10/1991
Facility Status: Inactive
LTF Status: 1 SUS/CON from regulated UST
FR Status: NFA: No Further Action
Priority: 2
Review Date: 8/27/2003
Class: Viable Responsible Party has been identified

**Actual:
699 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLYDE SERVICE DEPT (Continued)

U003161165

Facility:

Facility ID: 72005739
Facility Type: Local Government
24 Hr Emergency Contact: CLYDE POLICE DEPT
24 Hr Emergency Phone: (419)547-9555
Number Of Tanks On Site: 1
Local Fire Department: CLYDE FIRE DEPARTMENT
Delegated Authority: No
Elig For Green Buckeye Award: Not reported
Active Release Site: No
Owner Id: W005043
Owner Name: CITY OF CLYDE
Owner Address: 222 N MAIN ST
Owner City/State/Zip: CLYDE, OH 43410
Owner Phone: (419)547-0575

Inspection:

Facility Id: 72005739
Inspection Id: 11/24/98
Code: 503
Permit Number: P00001
Inspection Type: Final

Permit:

Facility Id: 72005739
Permit Id: P00001
Permit Status: Expired
Issued Date: 11/30/1998
Lfd Permit Id: Not reported

UST:

Tank ID: T00001
Tank Status: Currently In Use
Tank Type: SW - FRP - Fiberglass
Capacity: 500
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
AST/UST: UST
Installation Date: 1/1/1999
Date Removed: Not reported
Date Last Used: Not reported
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: None Required
Release Detection on Tank: Automatic Tank Gauging
Corrosion Protection Piping: None Required
Piping Material: SW FRP - Fiberglass
Piping Type: Suction: valve at dispenser
Release Detection on Piping: No Monitoring Suction/Gravity System

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

34
North
1/2-1
0.674 mi.
3559 ft.

CLYDE DUMP
STATE RTE 510
CLYDE, OH 43410

CERCLIS **1000185507**
FINDS **OHD980905251**
DERR
SPILLS

Relative:
Lower

CERCLIS:

Actual:
649 ft.

Site ID: 0504852
 EPA ID: OHD980905251
 Facility County: SANDUSKY
 Short Name: CLYDE DUMP
 Congressional District: 05
 IFMS ID: Not reported
 SMSA Number: Not reported
 USGC Hydro Unit: 04100011
 Federal Facility: Not a Federal Facility
 DMNSN Number: Not reported
 Site Orphan Flag: N
 RCRA ID: Not reported
 USGS Quadrangle: Not reported
 Site Init By Prog: Not reported
 NFRAP Flag: Not reported
 Parent ID: Not reported
 RST Code: Not reported
 EPA Region: 05
 Classification: Not reported
 Site Settings Code: Not reported
 NPL Status: Not on the NPL
 DMNSN Unit Code: Not reported
 RBRAC Code: Not reported
 RResp Fed Agency Code: Not reported
 Non NPL Status: Other Cleanup Activity: State-Lead Cleanup
 Non NPL Status Date: 20040721
 Site Fips Code: 39143
 CC Concurrence Date: Not reported
 CC Concurrence FY: Not reported
 Alias EPA ID: Not reported
 Site FUDS Flag: Not reported

Alias Comments: Not reported
 Site Description: Not reported

CERCLIS Assessment History:

Action Code: 001
 Action: DISCOVERY
 Date Started: Not reported
 Date Completed: 09/30/1986
 Priority Level: Not reported
 Operable Unit: SITEWIDE
 Primary Responsibility: Federal Enforcement
 Planning Status: Not reported
 Urgency Indicator: Not reported
 Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
 Action: PRELIMINARY ASSESSMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLYDE DUMP (Continued)

1000185507

Date Started: Not reported
Date Completed: 12/16/1987
Priority Level: Low priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: State, Fund Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 08/06/1991
Priority Level: Higher priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: EXPANDED SITE INSPECTION
Date Started: 09/20/1995
Date Completed: 09/30/1998
Priority Level: Recommended for HRS Scoring
Operable Unit: SITEWIDE
Primary Responsibility: State, Fund Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

FINDS:

Registry ID: 110009304895

Environmental Interest/Information System

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

DERR:

DERR ID: 372000983
District: NWDO
Alias: Not reported
Lat/Long: 41.316482999999998 -82.985512999999997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLYDE DUMP (Continued)

1000185507

EPA ID: OHD980905251
Program: Site Assessment Remedial Response
Contact Phone: (419) 352-8461

SPILLS:

Spill No.: 9306-72-2391
Spill Year: 1993
Date Spill Reported: 06/15/93
Spill Month: 6
Spill Number: 2391
Reporter Name: LOCAL
Confidential: No
District Code: NW
County Code: 72
Employee Number: Not reported
Lat/Long: Not reported
Product Spilled Name: DIESEL FUEL

Count: 22 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CLYDE	S106297580	CLYDE STP	N & A		SPILLS
CLYDE	S106261424	WHIRLPOOL CORP	N & A		SPILLS
CLYDE	S106261384	WHIRLPOOL	N & A		SPILLS
CLYDE	S106272305	WHIRLPOOL / CLYDE DIV	N & A		SPILLS
CLYDE	S106284992	WHIRLPOOL CORPORATION	N & A		SPILLS
CLYDE	S106260510	WHIRLPOOL INC	N & A		SPILLS
CLYDE	U004091483	FORMULATED PRODUCTS INC	110TH & 123 EAST ST	43410	LUST, UST
CLYDE	S106329114	WHIRLPOOL CORP	119 BIRSEYE ST		SPILLS
CLYDE	S109168265	CLYDE CHURCH OF GOD	1181 CLAPP RD	43410	NPDES
CLYDE	1005676220	SANDUSKY CO BD OF COMM CLYDE AREA	CLYDE AREA PLANT	43410	FINDS
CLYDE	S109580703	CLYDE CITY OF	CLYDE CITY LIMITS & IMMEDIATE		DERR
CLYDE	1003872716	WHIRLPOOL SLUDGE DISPOSAL SITE	236 CORD 179 ATCO RD	43410	CERC-NFRAP, DERR, HIST LF
CLYDE	S105245537	CLYDE COMPOST FACILITY	LIMERICK RD	43410	SWF/LF
CLYDE	1005870441	CLYDE ARMORY	N MAIN ST	43410	FINDS
CLYDE	S106325522	CLYDE	N MANHOLE ON SOUTH ST		SPILLS
CLYDE	1014400032	CERTIFIED GAS STATION 352	1014 MCPHERSON	43410	RCRA-CESQG
CLYDE	1006215678	CLYDE PAINT & SUPPLY CO INC	435 W MULBERRT ST	43410	FINDS, DERR
CLYDE	1005870442	CLYDE SR HIGH SCHOOL	RACE ST	43410	FINDS
CLYDE	1000211615	MEYER TERRY CHEVROLET BUICK OLDSMO	US RTE 20 W	43410	RCRA-SQG, FINDS
CLYDE	S106472880	WHIRLPOOL	SAME		SPILLS
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: Steam-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

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

WHIRLPOOL LAGOONS CLYDE CITY DUMP WICKERHAM DRUM
853 NORTH MAIN STREET
CLYDE, OH 43410

TARGET PROPERTY COORDINATES

Latitude (North): 41.31180 - 41° 18' 42.5"
Longitude (West): 82.9751 - 82° 58' 30.4"
Universal Tranverse Mercator: Zone 17
UTM X (Meters): 334667.6
UTM Y (Meters): 4575040.0
Elevation: 671 ft. above sea level

USGS TOPOGRAPHIC MAP

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

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).

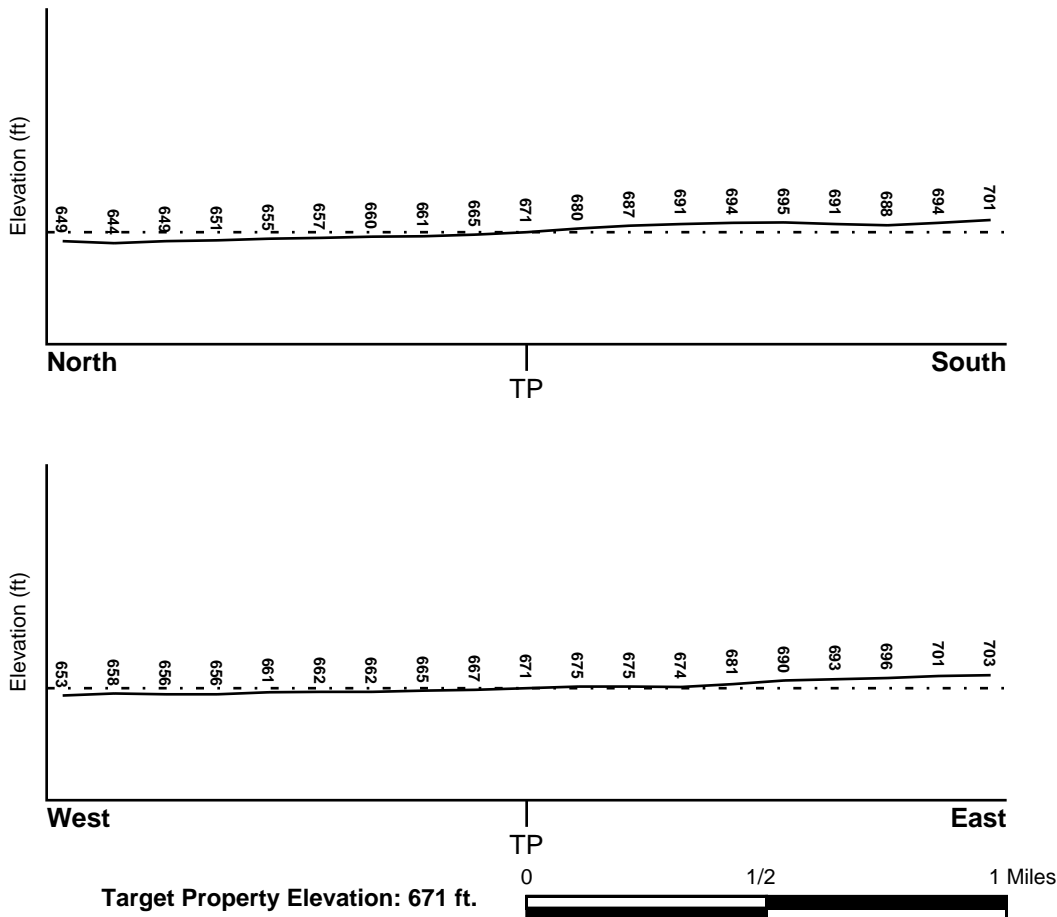
TOPOGRAPHIC INFORMATION

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
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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
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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

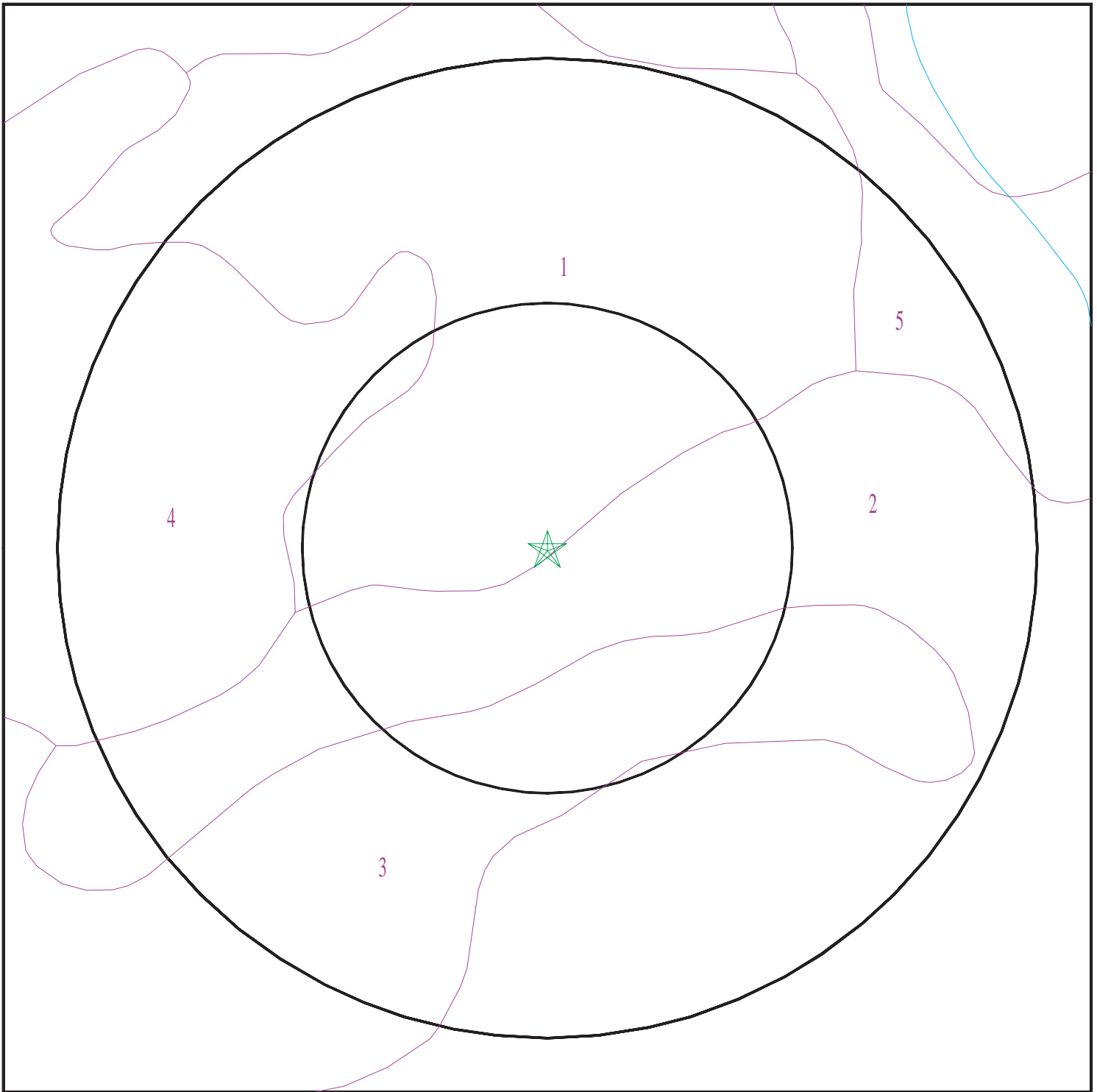
Era: Paleozoic
System: Silurian
Series: Upper Silurian (Cayugan)
Code: S3 (*decoded above as Era, System & Series*)

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 - 3225018.57s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Whirlpool Lagoons Clyde City Dump Wickerham Drum
ADDRESS: 853 North Main Street
Clyde OH 43410
LAT/LONG: 41.3118 / 82.9751

CLIENT: Weston Solutions, Inc.
CONTACT: TJ Mcfarland
INQUIRY #: 3225018.57s
DATE: December 15, 2011 10:33 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: Mermill

Soil Surface Texture: 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: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 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	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.41 Min: 0.07	Max: 8.4 Min: 6.6
2	9 inches	27 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.41 Min: 0.07	Max: 8.4 Min: 6.6
3	27 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.41 Min: 0.07	Max: 8.4 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

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
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

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	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: 3

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

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

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	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

Soil Map ID: 4

Soil Component Name: Haskins

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 53 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	11 inches	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	Max: 1.41 Min: 0.07	Max: 8.4 Min: 6.1
2	11 inches	38 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	Max: 1.41 Min: 0.07	Max: 8.4 Min: 6.1

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		
3	38 inches	59 inches	silty 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	Max: 1.41 Min: 0.07	Max: 8.4 Min: 6.1

Soil Map ID: 5

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

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

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		
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

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>
D13	USGS2301667	1/2 - 1 Mile ESE
D14	USGS2301666	1/2 - 1 Mile ESE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
8	OH7202503	1/4 - 1/2 Mile North

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

STATE DATABASE WELL INFORMATION

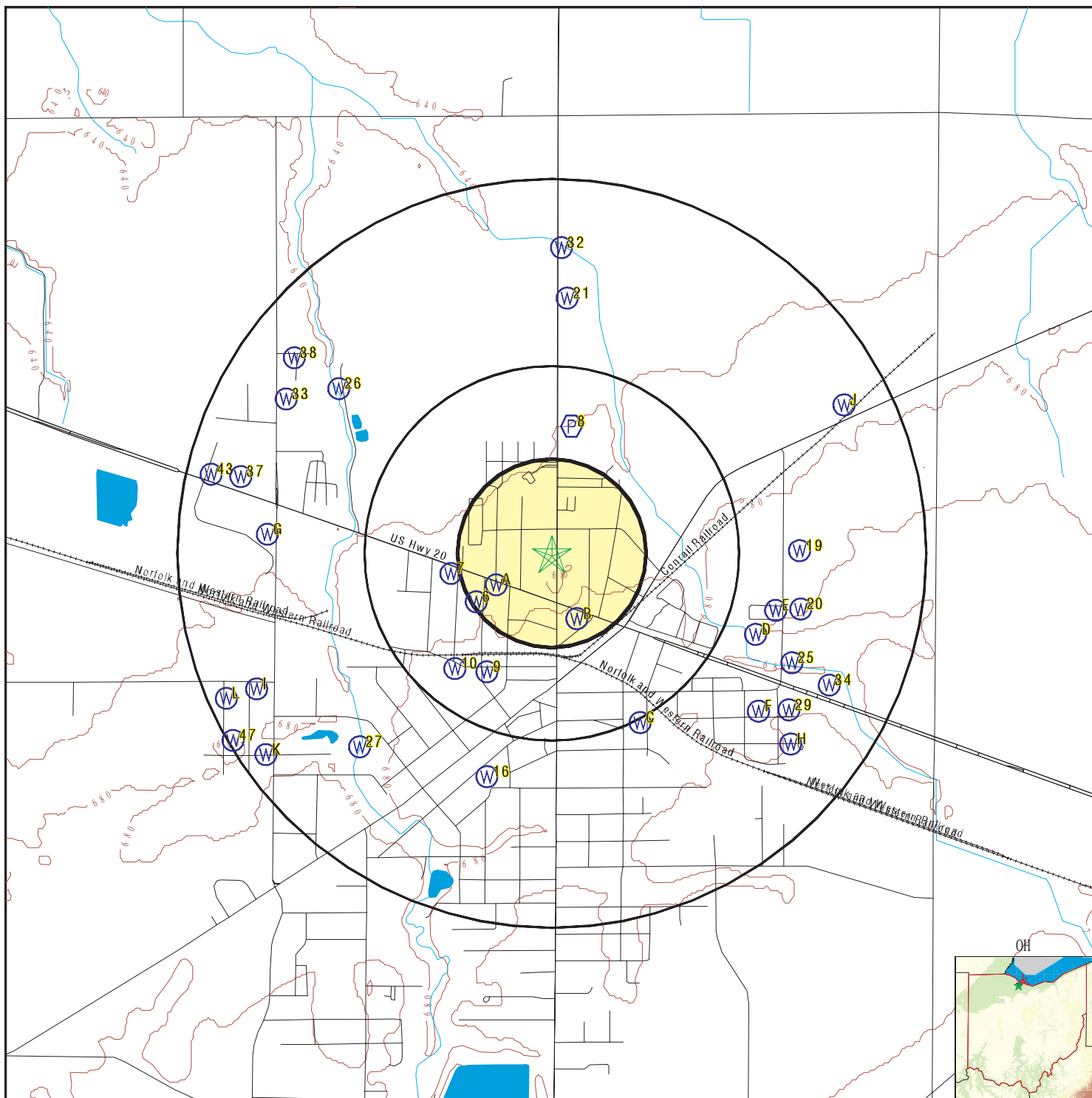
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	OH7202503	1/8 - 1/4 Mile WSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

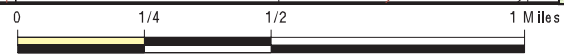
MAP ID	WELL ID	LOCATION FROM TP
B2	OHD500000796271	1/8 - 1/4 Mile SSE
A3	OHD500000790437	1/8 - 1/4 Mile WSW
B4	OHD500000768635	1/8 - 1/4 Mile SSE
B5	OHD500000768636	1/8 - 1/4 Mile SSE
6	OHD500000377555	1/8 - 1/4 Mile WSW
7	OHD500000380664	1/4 - 1/2 Mile WSW
9	OHD500000380663	1/4 - 1/2 Mile SSW
10	OHD500000382886	1/4 - 1/2 Mile SW
C11	OHD500000380662	1/2 - 1 Mile SSE
C12	OHD500000675606	1/2 - 1 Mile SSE
E15	OHD500000382884	1/2 - 1 Mile ESE
16	OHD500000377556	1/2 - 1 Mile SSW
E17	OHD500000377557	1/2 - 1 Mile ESE
E18	OHD500000670672	1/2 - 1 Mile ESE
19	OHD500000377558	1/2 - 1 Mile East
20	OHD500000377559	1/2 - 1 Mile ESE
21	OHD500000380661	1/2 - 1 Mile North
F22	OHD500000377561	1/2 - 1 Mile SE
F23	OHD500000377562	1/2 - 1 Mile SE
F24	OHD500000377563	1/2 - 1 Mile SE
25	OHD500000711632	1/2 - 1 Mile ESE
26	OHD500000385195	1/2 - 1 Mile NW
27	OHD500000786911	1/2 - 1 Mile SW
G28	OHD500000381423	1/2 - 1 Mile West
29	OHD500000385190	1/2 - 1 Mile ESE
G30	OHD500000382892	1/2 - 1 Mile West
H31	OHD500000381425	1/2 - 1 Mile SE
32	OHD500000376772	1/2 - 1 Mile North
33	OHD500000382889	1/2 - 1 Mile WNW
34	OHD500000385208	1/2 - 1 Mile ESE
H35	OHD500000377560	1/2 - 1 Mile SE
I36	OHD500000377554	1/2 - 1 Mile WSW
37	OHD500000385196	1/2 - 1 Mile WNW
38	OHD500000380655	1/2 - 1 Mile NW
J39	OHD500000712399	1/2 - 1 Mile ENE
J40	OHD500000787967	1/2 - 1 Mile ENE
I41	OHD500000377553	1/2 - 1 Mile WSW
K42	OHD500000787969	1/2 - 1 Mile SW
43	OHD500000380665	1/2 - 1 Mile WNW
L44	OHD500000377545	1/2 - 1 Mile WSW
K45	OHD500000385199	1/2 - 1 Mile SW
L46	OHD500000381426	1/2 - 1 Mile WSW
47	OHD500000377544	1/2 - 1 Mile WSW

PHYSICAL SETTING SOURCE MAP - 3225018.57s



- 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: Whirlpool Lagoons Clyde City Dump Wickerham Drum
ADDRESS: 853 North Main Street
 Clyde OH 43410
LAT/LONG: 41.3118 / 82.9751

CLIENT: Weston Solutions, Inc.
CONTACT: TJ Mcfarland
INQUIRY #: 3225018.57s
DATE: December 15, 2011 10:32 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A1
WSW
1/8 - 1/4 Mile
Higher

OH WELLS OHD500000790589

Well log n:	2024039		
Well type :	W		
End user i:	1411		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	M AND M SUNOCO
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	CLA
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:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	W		
St no:	307		
St name:	MCPHERSON	St type co:	HGWY
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:	41.31065		
Longitude:	-82.977583		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
S water le:	5		
S water me:	G	S water 1:	12/23/2008
Cas ht:	0		
Screen len:	14		
Total dept:	15		
Date of co:	12/23/2008	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	TMW-7 IS A 2" MONITORING WELL. WATER DURING DRILLING WAS AT 5'.		
Well seal :	0		
Screen slo:	.01		
Screened i:	1.5		
Screened 1:	15		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
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:	OHD500000790589		

**B2
SSE
1/8 - 1/4 Mile
Higher**

OH WELLS OHD500000796271

Well log n:	2022956		
Well type :	W		
End user i:	4225		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	SPEEDWAY SUPERAMERICA LLC
Drill type:	A	Test type :	B
Well use c:	M	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:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	108		
St name:	MCPHERSON	St type co:	ST
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:	96.9		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.30963		
Longitude:	-82.974427		
Source of :	GEOCODE	Flowing we:	N
Test rate:	0		
Draw down:	0		
S water le:	8.1		
S water me:	T	S water 1:	04/16/2009
Cas ht:	0		
Screen len:	10		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total dept:	14	Located in:	Not Reported
Date of co:	04/16/2009		
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	MW-08		
Well seal :	0		
Screen slo:	.01		
Screened i:	14		
Screened 1:	10		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	TERRESTRIAL SURVEY		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000796271		

A3
WSW
1/8 - 1/4 Mile
Lower

OH WELLS OHD500000790437

Well log n:	2024040		
Well type :	W		
End user i:	1411		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	M AND M SUNOCO
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	CLA
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:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	W		
St no:	307		
St name:	MCPHERSON	St type co:	HGWY
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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Vert acc u:	Not Reported		
Latitude:	41.310517		
Longitude:	-82.978317		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
S water le:	5		
S water me:	G	S water 1:	12/23/2008
Cas ht:	0		
Screen len:	14		
Total dept:	15		
Date of co:	12/23/2008	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	TMW-8 IS A 2" MONITORING WELL. WATER DURING DRILLING WAS AT 5'.		
Well seal :	0		
Screen slo:	.01		
Screened i:	1.5		
Screened 1:	15		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
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:	OHD500000790437		

**B4
SSE
1/8 - 1/4 Mile
Higher**

OH WELLS OHD500000768635

Well log n:	2009032		
Well type :	W		
End user i:	795		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	SPEEDWAY SUPERAMERICA #3606
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	CLA
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:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	W		
St no:	106		
St name:	MCPHERSON	St type co:	HGWY
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Loc Desc:	SE CORNER OF WEST MCPHERSON HWY AND N. MAIN ST. MW-6		
Zone code:	Not Reported		
Horiz x:	0		
Horiz y:	0		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.309083		
Longitude:	-82.9736		
Source of :	GLOBAL POSITION SYSTEM	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:	10		
Total dept:	14		
Date of co:	03/01/2007	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	.01		
Screened i:	14		
Screened 1:	4		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
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:	OHD500000768635		

**B5
SSE
1/8 - 1/4 Mile
Higher**

OH WELLS OHD500000768636

Well log n:	2009033		
Well type :	W		
End user i:	795		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	SPEEDWAY SUPERAMERICA #3606
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	CLA
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:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	W		
St no:	106		
St name:	MCPHERSON	St type co:	HGWY
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Well Loc Desc:	SE CORNER OF WEST MCPHERSON HIGHWAY AND N. MAIN ST. MW-7		
Zone code:	Not Reported		
Horiz x:	0		
Horiz y:	0		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	41.309		
Longitude:	-82.973567		
Source of :	GLOBAL POSITION SYSTEM	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:	10		
Total dept:	14		
Date of co:	03/01/2007	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Screen slo:	.01		
Screened i:	14		
Screened 1:	4		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
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:	OHD500000768636		

6
WSW
1/8 - 1/4 Mile
Higher

OH WELLS OHD500000377555

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	118587		
Well type :	W		
End user i:	1178		
Cnty code:	143	Twp code:	1100
Orig owner:	LAMAN	Orig own 1:	STOKES
Drill type:	Not Reported	Test type :	P
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	116		
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:	14		
St dir cod:	Not Reported		
St no:	671		
St name:	GEORGE	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1868365.43		
Horiz y:	598994.38		
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:	41.309873		
Longitude:	-82.979058		
Source of :	digitized	Flowing we:	N
Test rate:	10		
Draw down:	0		
S water le:	28		
S water me:	Not Reported	S water 1:	11/13/1953
Cas ht:	0		
Screen len:	0		
Total dept:	64		
Date of co:	11/13/1953	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: OHD500000377555

7
WSW
1/4 - 1/2 Mile
Lower

OH WELLS OHD500000380664

Well log n:	9972010		
Well type :	W		
End user i:	1532		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	CLYDE PORCELAIN STEE
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:	33		
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:	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:	1868010.33		
Horiz y:	599394.79		
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:	41.310967		
Longitude:	-82.980359		
Source of :	digitized	Flowing we:	Y
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:	56		
Date of co:	02/18/1960	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		

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:	OHD500000380664		

8

**North
1/4 - 1/2 Mile
Lower**

FRDS PWS OH7202503

Pwsid:	OH7202503	Epa region:	05
State:	OH	County:	Sandusky
Pws name:	MGR,SUTTERS WATER HAULING		
Population Served:	300	Pwssvconn:	0
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Closed	Owner type:	Private
Facility id:	1		
Facility name:	CLYDE PWS		
Facility type:	Consecutive_connection	Treatment process:	chlorination (frds-1.5)
Treatment objective:	disinfection		
Contact name:	MGR,SUTTERS WATER HAULING		
Original name:	Not Reported		
Contact phone:	419-547-9303	Contact address1:	Not Reported
Contact address2:	1556 NORTH MAIN STREET		
Contact city:	CLYDE		
Contact zip:	43410		

Pwsid:	OH7202503	Epa region:	05
State:	OH	County:	Sandusky
Pws name:	MGR,SUTTERS WATER HAULING		
Population Served:	300	Pwssvconn:	0
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Closed	Owner type:	Private
Facility id:	1T		
Facility name:	CLYDE PWS		
Facility type:	Treatment_plant	Treatment process:	chlorination (frds-1.5)
Treatment objective:	disinfection		
Contact name:	MGR,SUTTERS WATER HAULING		
Original name:	Not Reported		
Contact phone:	419-547-9303	Contact address1:	Not Reported
Contact address2:	1556 NORTH MAIN STREET		
Contact city:	CLYDE		
Contact zip:	43410		

PWS ID:	OH7202503		
Date Initiated:	7706	Date Deactivated:	Not Reported
PWS Name:	MGR,SUTTERS WATER HAULING		
	1556 NORTH MAIN STREET		
	CLYDE, OH 43410		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Addressee / Facility: System Owner/Responsible Party
 SUTTERS WATER HAULING -SAN
 1556 NORTH MAIN STREET
 CLYDE, OH 43410

Facility Latitude: 41 19 00 Facility Longitude: 082 58 27
 City Served: CLYDE CITY
 Treatment Class: Treated Population: 00000300

Violations information not reported.

9
SSW
1/4 - 1/2 Mile
Higher

OH WELLS OHD500000380663

Well log n:	5510		
Well type :	W		
End user i:	1178		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	CLYDE PORCELAIN STEE
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	SHA
Loc map ye:	1960	Loc area:	Not Reported
Loc no:	32		
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:	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:	1868510.67		
Horiz y:	598006.51		
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:	41.307164		
Longitude:	-82.97851		
Source of :	digitized	Flowing we:	N
Test rate:	35		
Draw down:	25		
S water le:	25		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total dept:	89	Located in:	Y
Date of co:	02/18/1960		
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:	OHD500000380663		

**10
SW
1/4 - 1/2 Mile
Higher**

OH WELLS OHD500000382886

Well log n:	5511		
Well type :	W		
End user i:	1178		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	CLYDE PORCELAIN STEE
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:	62		
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:	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:	1868058.82		
Horiz y:	598053.87		
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:	41.307287		
Longitude:	-82.980155		
Source of :	digitized	Flowing we:	N
Test rate:	35		
Draw down:	12		
S water le:	27		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		
Total dept:	88		
Date of co:	05/27/1947	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:	OHD500000382886		

**C11
SSE
1/2 - 1 Mile
Higher**

OH WELLS OHD500000380662

Well log n:	21996		
Well type :	W		
End user i:	1112		
Cnty code:	143	Twp code:	1100
Orig owner:	CLYDE	Orig own 1:	KRAUT
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:	30		
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:	13		
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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zone code:	S		
Horiz x:	1870636.69		
Horiz y:	597298.95		
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:	41.305254		
Longitude:	-82.970757		
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:	197		
Date of co:	04/01/1952	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:	OHD500000380662		

**C12
SSE
1/2 - 1 Mile
Higher**

OH WELLS OHD500000675606

Well log n:	209468		
Well type :	W		
End user i:	2285		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	THE CLYDE KRAUT CO.
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:	118		
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:	13		
St dir cod:	Not Reported		
St no:	0		
St name:	EAST	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1870695.33		
Horiz y:	597257.25		
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:	41.30514		
Longitude:	-82.970543		
Source of :	digitized	Flowing we:	N
Test rate:	60		
Draw down:	0		
S water le:	32		
S water me:	Not Reported	S water 1:	07/09/1958
Cas ht:	0		
Screen len:	0		
Total dept:	145		
Date of co:	07/09/1958	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	2 STORY BRICK ABANDONED		
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:	OHD500000675606		

D13
ESE
1/2 - 1 Mile
Higher

FED USGS USGS2301667

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	411831082575400
Site name:	S-151-G13	EDR Site id:	USGS2301667
Latitude:	411831	Dec lat:	41.30866445
Longitude:	0825754	Coor meth:	M
Dec lon:	-82.96491385	Latlong datum:	NAD27
Coor accr:	S	District:	39
Dec latlong datum:	NAD83	County:	143
State:	39	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	CLYDE		
Altitude:	698.		
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:	19710508
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:	65.	Hole depth:	65.
Source of depth data:	driller		
Project number:	443908500		
Real time data flag:	0		
Daily flow data begin date:	0000-00-00	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:	1986-04-17	Ground water data end date:	1987-01-29
Ground water data count:	3		

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1987-01-29	27.53		1986-07-08	27.45	
1986-04-17	28.20				

**D14
ESE
1/2 - 1 Mile
Higher**

FED USGS USGS2301666

Agency cd:	USGS	Site no:	411831082575200
Site name:	S-150-G13	EDR Site id:	USGS2301666
Latitude:	411831	Dec lat:	41.30866445
Longitude:	0825752	Coor meth:	M
Dec lon:	-82.96435827	Latlong datum:	NAD27
Coor accr:	S	District:	39
Dec latlong datum:	NAD83	County:	143
State:	39	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	CLYDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude: 698.
 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: SILURIAN SYSTEM
 Well depth: 85. Hole depth: 85.
 Source of depth data: driller
 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: 1986-04-17 Ground water data end date: 1987-01-29
 Ground water data count: 3

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1987-01-29	28.50		1986-07-08	29.13	
1986-04-17	28.72				

**E15
ESE
1/2 - 1 Mile
Higher**

OH WELLS OHD500000382884

Well log n:	40354		
Well type :	W		
End user i:	2285		
Cnty code:	143	Twp code:	1100
Orig owner:	GEORGE	Orig own 1:	BRADFORD
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:	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:	13		
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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zone code:	S		
Horiz x:	1872538.69		
Horiz y:	598969.31		
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:	41.309866		
Longitude:	-82.963867		
Source of :	digitized	Flowing we:	N
Test rate:	20		
Draw down:	0		
S water le:	32		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		
Total dept:	95		
Date of co:	04/10/1948	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:	OHD500000382884		

16
SSW
1/2 - 1 Mile
Higher

OH WELLS OHD500000377556

Well log n:	5524		
Well type :	W		
End user i:	1178		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	COLVIN REST HOME
Drill type:	Not Reported	Test type :	P
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	117		
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:	14		
St dir cod:	Not Reported		
St no:	234		
St name:	BUCKEYE	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1868501.57		
Horiz y:	596527.43		
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:	41.303104		
Longitude:	-82.978513		
Source of :	digitized	Flowing we:	N
Test rate:	30		
Draw down:	8		
S water le:	30		
S water me:	Not Reported	S water 1:	07/09/1949
Cas ht:	0		
Screen len:	0		
Total dept:	66		
Date of co:	07/09/1949	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:	OHD500000377556		

**E17
ESE
1/2 - 1 Mile
Higher**

OH WELLS OHD500000377557

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	402633		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	WILLIAM	Orig own 1:	BOWER
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:	119		
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:	13		
St dir cod:	Not Reported		
St no:	1286		
St name:	BURKHOLDER	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1872537.41		
Horiz y:	1205877.99		
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:	41.309376		
Longitude:	-82.96361		
Source of :	Digitized	Flowing we:	N
Test rate:	15		
Draw down:	25		
S water le:	35		
S water me:	Not Reported	S water 1:	03/17/1970
Cas ht:	0		
Screen len:	0		
Total dept:	72		
Date of co:	03/17/1970	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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well drill: Not Reported Subcon odh: Not Reported
 Site id: OHD500000377557

**E18
 ESE
 1/2 - 1 Mile
 Higher**

OH WELLS OHD500000670672

Well log n:	417875		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	BILL	Orig own 1:	BOWERS
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LAY
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	119		
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:	13		
St dir cod:	Not Reported		
St no:	1286		
St name:	BURKHOLDER	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1872537.41		
Horiz y:	1205877.99		
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:	41.309376		
Longitude:	-82.96361		
Source of :	Digitized	Flowing we:	Not Reported
Test rate:	50		
Draw down:	15		
S water le:	35		
S water me:	Not Reported	S water 1:	05/08/1971
Cas ht:	0		
Screen len:	0		
Total dept:	65		
Date of co:	05/08/1971	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 :	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:	OHD500000670672		

**19
East
1/2 - 1 Mile
Higher**

OH WELLS OHD500000377558

Well log n:	428140		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	ALBERT	Orig own 1:	COLTZ
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:	120		
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:	13		
St dir cod:	Not Reported		
St no:	1201		
St name:	BURKHOLDER	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1872927.43		
Horiz y:	599690.09		
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:	41.31185		
Longitude:	-82.962466		
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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total dept:	63	Located in:	Y
Date of co:	11/29/1971		
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 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:	OHD500000377558		

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

OH WELLS OHD500000377559

Well log n:	99124		
Well type :	W		
End user i:	1948		
Cnty code:	143	Twp code:	1100
Orig owner:	ED	Orig own 1:	HENDRICKS
Drill type:	Not Reported	Test type :	P
Well use c:	D	Aquifer ty:	SND
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	121		
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:	13		
St dir cod:	Not Reported		
St no:	0		
St name:	BURKHOLDER	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1872939.04		
Horiz y:	598866.17		
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:	41.309589		
Longitude:	-82.962408		
Source of :	digitized	Flowing we:	N
Test rate:	10		
Draw down:	8		
S water le:	28		
S water me:	Not Reported	S water 1:	11/22/1952
Cas ht:	0		
Screen len:	0		
Total dept:	58		
Date of co:	11/22/1952	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:	OHD500000377559		

**21
North
1/2 - 1 Mile
Lower**

OH WELLS OHD500000380661

Well log n:	121610		
Well type :	W		
End user i:	0		
Cnty code:	143	Twp code:	1100
Orig owner:	HAL	Orig own 1:	SHANELL
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:	29		
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:	11		
St dir cod:	Not Reported		
St no:	0		
St name:	510	St type co:	SR
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:	1869670.93		
Horiz y:	603267.64		
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:	41.321621		
Longitude:	-82.974391		
Source of :	digitized	Flowing we:	N
Test rate:	7		
Draw down:	9		
S water le:	1		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		
Total dept:	68		
Date of co:	05/26/1954	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:	OHD500000380661		

F22
SE
1/2 - 1 Mile
Higher

OH WELLS OHD500000377561

Well log n:	337150		
Well type :	W		
End user i:	1883		
Cnty code:	143	Twp code:	1100
Orig owner:	J.L.	Orig own 1:	BALLARD
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	K
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:	13		
St dir cod:	Not Reported		
St no:	0		
St name:	PARKER	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1872264.94		
Horiz y:	1204516.66		
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:	41.305638		
Longitude:	-82.964576		
Source of :	Digitized	Flowing we:	N
Test rate:	0		
Draw down:	0		
S water le:	32		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		
Total dept:	96		
Date of co:	11/24/1965	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		
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:	OHD500000377561		

F23
SE
1/2 - 1 Mile
Higher

OH WELLS OHD500000377562

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	165748		
Well type :	W		
End user i:	1948		
Cnty code:	143	Twp code:	1100
Orig owner:	LENARD	Orig own 1:	JENKINS
Drill type:	Not Reported	Test type :	P
Well use c:	D	Aquifer ty:	GRA
Loc map ye:	1980	Loc area:	K
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:	13		
St dir cod:	Not Reported		
St no:	0		
St name:	AMES	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1872264.94		
Horiz y:	1204516.66		
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:	41.305638		
Longitude:	-82.964576		
Source of :	Digitized	Flowing we:	N
Test rate:	14		
Draw down:	8		
S water le:	26		
S water me:	Not Reported	S water 1:	09/01/1956
Cas ht:	0		
Screen len:	0		
Total dept:	51		
Date of co:	09/01/1956	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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well drill: Not Reported Subcon odh: Not Reported
 Site id: OHD500000377562

**F24
 SE
 1/2 - 1 Mile
 Higher**

OH WELLS OHD500000377563

Well log n:	165741		
Well type :	W		
End user i:	1948		
Cnty code:	143	Twp code:	1100
Orig owner:	CLAUDE	Orig own 1:	GALLOWAY
Drill type:	Not Reported	Test type :	P
Well use c:	D	Aquifer ty:	GRA
Loc map ye:	1980	Loc area:	K
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:	13		
St dir cod:	Not Reported		
St no:	0		
St name:	DUANE	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1872264.94		
Horiz y:	1204516.66		
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:	41.305638		
Longitude:	-82.964576		
Source of :	Digitized	Flowing we:	N
Test rate:	6		
Draw down:	16		
S water le:	26		
S water me:	Not Reported	S water 1:	07/23/1956
Cas ht:	0		
Screen len:	0		
Total dept:	51		
Date of co:	07/23/1956	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		

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:	OHD500000377563		

**25
ESE
1/2 - 1 Mile
Higher**

OH WELLS OHD500000711632

Well log n:	99125		
Well type :	W		
End user i:	1948		
Cnty code:	143	Twp code:	1100
Orig owner:	WM	Orig own 1:	BOWER
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	SND
Loc map ye:	1960	Loc area:	Not Reported
Loc no:	28		
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:	13		
St dir cod:	Not Reported		
St no:	0		
St name:	BURKHOLDER	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:	1872811.01		
Horiz y:	598110.44		
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:	41.307513		
Longitude:	-82.962859		
Source of :	digitized	Flowing we:	N
Test rate:	12		
Draw down:	8		
S water le:	26		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total dept:	60	Located in:	Y
Date of co:	12/01/1952		
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:	OHD500000711632		

**26
NW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000385195

Well log n:	21959		
Well type :	W		
End user i:	1112		
Cnty code:	143	Twp code:	1100
Orig owner:	DEWEY	Orig own 1:	MEARS
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	GRA
Loc map ye:	1945	Loc area:	Not Reported
Loc no:	402		
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:	11		
St dir cod:	Not Reported		
St no:	0		
St name:	20	St type co:	USRT
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1866444.7		
Horiz y:	602008.96		
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:	41.318118		
Longitude:	-82.986111		
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:	69		
Date of co:	02/10/1951	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:	OHD500000385195		

27
SW
1/2 - 1 Mile
Lower

OH WELLS OHD500000786911

Well log n:	59770		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	CLYDE PAINT & SUPPLY
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:	35		
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:	Not Reported	St type co:	Not Reported
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:	1866709.79		
Horiz y:	596958.17		
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:	41.304259		
Longitude:	-82.985043		
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:	60		
Date of co:	02/18/1960	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:	OHD500000786911		

**G28
West
1/2 - 1 Mile
Lower**

OH WELLS OHD500000381423

Well log n:	57649		
Well type :	W		
End user i:	0		
Cnty code:	143	Twp code:	1100
Orig owner:	HAROLD	Orig own 1:	BUCKLERS
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:	63		
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:	14		
St dir cod:	Not Reported		
St no:	0		
St name:	WOODLAND	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:	1865463.27		
Horiz y:	599956.18		
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:	41.312469		
Longitude:	-82.989642		
Source of :	digitized	Flowing we:	Y
Test rate:	10		
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:	64		
Date of co:	08/29/1951	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:	OHD500000381423		

29
ESE
1/2 - 1 Mile
Higher

OH WELLS OHD500000385190

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	60107		
Well type :	W		
End user i:	1948		
Cnty code:	143	Twp code:	1100
Orig owner:	C	Orig own 1:	MOSIERS
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	GRA
Loc map ye:	1945	Loc area:	Not Reported
Loc no:	362		
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:	13		
St dir cod:	Not Reported		
St no:	0		
St name:	20	St type co:	USRT
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1872764.82		
Horiz y:	597445.98		
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:	41.305689		
Longitude:	-82.963014		
Source of :	digitized	Flowing we:	N
Test rate:	20		
Draw down:	20		
S water le:	26		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		
Total dept:	52		
Date of co:	09/30/1950	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: OHD500000385190

**G30
 West
 1/2 - 1 Mile
 Lower**

OH WELLS OHD500000382892

Well log n:	40356		
Well type :	W		
End user i:	2285		
Cnty code:	143	Twp code:	1100
Orig owner:	LLOYD	Orig own 1:	TEA
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:	97		
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:	15		
St dir cod:	Not Reported		
St no:	0	St type co:	Not Reported
St name:	Not Reported		
Sec add:	Not Reported		
Sec add no:	0	State code:	OH
City:	Not Reported		
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1865389.44		
Horiz y:	599967.05		
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:	41.312497		
Longitude:	-82.989911		
Source of :	digitized	Flowing we:	Y
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:	64		
Date of co:	04/05/1948	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:	OHD500000382892		

**H31
SE
1/2 - 1 Mile
Higher**

OH WELLS

OHD500000381425

Well log n:	121611		
Well type :	W		
End user i:	0		
Cnty code:	143	Twp code:	1100
Orig owner:	WILLARD/JESS	Orig own 1:	DAWSON
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:	65		
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:	PARKER	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:	1872751.67		
Horiz y:	597056.13		
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:	41.304618		
Longitude:	-82.963055		
Source of :	digitized	Flowing we:	N
Test rate:	11		
Draw down:	2		
S water le:	33		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total dept:	60	Located in:	Y
Date of co:	06/01/1954		
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:	OHD500000381425		

32
North
1/2 - 1 Mile
Lower

OH WELLS OHD500000376772

Well log n:	321060		
Well type :	W		
End user i:	1178		
Cnty code:	143	Twp code:	1100
Orig owner:	JIM	Orig own 1:	FREDRICH
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:	78		
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:	11		
St dir cod:	Not Reported		
St no:	1254		
St name:	510	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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Vert acc u:	Not Reported		
Latitude:	41.32363		
Longitude:	-82.9746		
Source of :	GEOCODE	Flowing we:	N
Test rate:	10		
Draw down:	30		
S water le:	7		
S water me:	Not Reported	S water 1:	07/24/1964
Cas ht:	0		
Screen len:	0		
Total dept:	75		
Date of co:	07/24/1964	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:	OHD500000376772		

**33
WNW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000382889

Well log n:	36575		
Well type :	W		
End user i:	1112		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	MEARS
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	GRA
Loc map ye:	1945	Loc area:	Not Reported
Loc no:	76		
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:	11		
St dir cod:	Not Reported		
St no:	0		
St name:	20	St type co:	USRT
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:	1865701.71		
Horiz y:	601868.51		
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:	41.317721		
Longitude:	-82.988813		
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:	61		
Date of co:	06/23/1948	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:	OHD500000382889		

**34
ESE
1/2 - 1 Mile
Higher**

OH WELLS OHD500000385208

Well log n:	59759		
Well type :	W		
End user i:	2285		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	DONOVITZ
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	STO
Loc map ye:	1945	Loc area:	Not Reported
Loc no:	577		
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:	20	St type co:	USRT
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1873335.52		
Horiz y:	597791.7		
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:	41.306646		
Longitude:	-82.960944		
Source of :	digitized	Flowing we:	N
Test rate:	30		
Draw down:	14		
S water le:	26		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		
Total dept:	53		
Date of co:	Not Reported	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:	OHD500000385208		

H35
SE
1/2 - 1 Mile
Higher

OH WELLS OHD500000377560

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	409065		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	THOMAS B.	Orig own 1:	STANDIFER
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:	122		
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:	13		
St dir cod:	Not Reported		
St no:	740		
St name:	MAY	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1872822.25		
Horiz y:	596872.32		
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:	41.304115		
Longitude:	-82.962794		
Source of :	digitized	Flowing we:	N
Test rate:	5		
Draw down:	20		
S water le:	25		
S water me:	Not Reported	S water 1:	06/08/1970
Cas ht:	0		
Screen len:	0		
Total dept:	60		
Date of co:	06/08/1970	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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well drill: Not Reported Subcon odh: Not Reported
 Site id: OHD500000377560

**I36
 WSW
 1/2 - 1 Mile
 Higher**

OH WELLS OHD500000377554

Well log n:	85739		
Well type :	W		
End user i:	1112		
Cnty code:	143	Twp code:	1100
Orig owner:	ROMAN	Orig own 1:	BURKIN
Drill type:	Not Reported	Test type :	P
Well use c:	D	Aquifer ty:	LST
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	115		
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:	14		
St dir cod:	Not Reported		
St no:	3963		
St name:	DEWEY	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1865438.97		
Horiz y:	597766.67		
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:	41.306459		
Longitude:	-82.989685		
Source of :	digitized	Flowing we:	N
Test rate:	0		
Draw down:	40		
S water le:	0		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		
Total dept:	61		
Date of co:	07/01/1953	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:	OHD500000377554		

37
WNW
1/2 - 1 Mile
Lower

OH WELLS OHD500000385196

Well log n:	21960		
Well type :	W		
End user i:	1112		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	RICK MOTOR SALES
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	GRA
Loc map ye:	1945	Loc area:	Not Reported
Loc no:	403		
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:	11		
St dir cod:	Not Reported		
St no:	0		
St name:	20	St type co:	USRT
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1865055.63		
Horiz y:	600777.33		
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:	41.314716		
Longitude:	-82.991142		
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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total dept:	40	Located in:	Y
Date of co:	02/19/1951		
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:	OHD500000385196		

**38
NW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000380655

Well log n:	213556		
Well type :	W		
End user i:	1178		
Cnty code:	143	Twp code:	1100
Orig owner:	CARL	Orig own 1:	WILT
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:	20		
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:	N		
St no:	0		
St name:	WOODLAND	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:	1865820.5		
Horiz y:	602448.42		
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:	41.319314		
Longitude:	-82.988392		
Source of :	digitized	Flowing we:	Y
Test rate:	5		
Draw down:	3		
S water le:	0		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		
Total dept:	64		
Date of co:	02/28/1958	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:	OHD500000380655		

**J39
ENE
1/2 - 1 Mile
Higher**

OH WELLS OHD500000712399

Well log n:	538279		
Well type :	W		
End user i:	1295		
Cnty code:	143	Twp code:	1100
Orig owner:	GERALD	Orig own 1:	SHEARN
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:	81		
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:	12		
St dir cod:	E		
St no:	752		
St name:	MAPLE	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:	1873587.9		
Horiz y:	601624.41		
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:	41.317169		
Longitude:	-82.960099		
Source of :	digitized	Flowing we:	N
Test rate:	20		
Draw down:	10		
S water le:	20		
S water me:	Not Reported	S water 1:	06/28/1978
Cas ht:	0		
Screen len:	0		
Total dept:	60		
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:	OHD500000712399		

**J40
ENE
1/2 - 1 Mile
Lower**

OH WELLS OHD500000787967

Well log n:	85721		
Well type :	W		
End user i:	1112		
Cnty code:	143	Twp code:	1100
Orig owner:	OREN	Orig own 1:	BURGGER
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	SHA
Loc map ye:	1960	Loc area:	Not Reported
Loc no:	24		
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:	13		
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:	1873542.14		
Horiz y:	601857.48		
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:	41.317808		
Longitude:	-82.96027		
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:	52		
Date of co:	01/01/1953	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:	OHD500000787967		

**I41
WSW
1/2 - 1 Mile
Lower**

OH WELLS OHD500000377553

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	124894		
Well type :	W		
End user i:	1112		
Cnty code:	143	Twp code:	1100
Orig owner:	BILL	Orig own 1:	BURROUGHS
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	D	Aquifer ty:	GCL
Loc map ye:	1980	Loc area:	Not Reported
Loc no:	114		
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:	14		
St dir cod:	Not Reported		
St no:	0		
St name:	DEWEY/COE	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1865086.23		
Horiz y:	597797.72		
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:	41.306539		
Longitude:	-82.99097		
Source of :	digitized	Flowing we:	N
Test rate:	0		
Draw down:	0		
S water le:	24		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		
Total dept:	57		
Date of co:	10/16/1954	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: OHD500000377553

**K42
 SW
 1/2 - 1 Mile
 Higher**

OH WELLS OHD500000787969

Well log n:	145714		
Well type :	W		
End user i:	1112		
Cnty code:	143	Twp code:	1100
Orig owner:	Not Reported	Orig own 1:	MILLER
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:	66		
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:	DEWEY	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:	1865407.34		
Horiz y:	596976.74		
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:	41.30429		
Longitude:	-82.989784		
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:	79		
Date of co:	05/01/1955	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:	OHD500000787969		

43
WNW
1/2 - 1 Mile
Lower

OH WELLS OHD500000380665

Well log n:	71615		
Well type :	W		
End user i:	1112		
Cnty code:	143	Twp code:	1100
Orig owner:	L	Orig own 1:	STANLEY
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:	34		
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:	20	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:	1864636.33		
Horiz y:	600811.97		
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:	41.314805		
Longitude:	-82.992669		
Source of :	digitized	Flowing we:	Y
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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total dept:	66	Located in:	Y
Date of co:	02/18/1960		
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:	OHD500000380665		

L44
WSW
1/2 - 1 Mile
Lower

OH WELLS OHD500000377545

Well log n:	213555		
Well type :	W		
End user i:	1178		
Cnty code:	143	Twp code:	1100
Orig owner:	TROY	Orig own 1:	SMITH
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:	113		
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:	14		
St dir cod:	Not Reported		
St no:	1371		
St name:	FRANKS	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1864950.09		
Horiz y:	597617.67		
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:	41.306042		
Longitude:	-82.991462		
Source of :	digitized	Flowing we:	Y
Test rate:	5		
Draw down:	2		
S water le:	0		
S water me:	Not Reported	S water 1:	01/21/1958
Cas ht:	0		
Screen len:	0		
Total dept:	57		
Date of co:	01/21/1958	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:	OHD500000377545		

**K45
SW
1/2 - 1 Mile
Higher**

OH WELLS OHD500000385199

Well log n:	21977		
Well type :	W		
End user i:	1112		
Cnty code:	143	Twp code:	1100
Orig owner:	L	Orig own 1:	SETZLER
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:	561		
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:	15		
St dir cod:	Not Reported		
St no:	0		
St name:	WOODLAND	St type co:	AVE
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:	1865366.82		
Horiz y:	596735.82		
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:	41.303629		
Longitude:	-82.989927		
Source of :	digitized	Flowing we:	N
Test rate:	0		
Draw down:	35		
S water le:	0		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		
Total dept:	73		
Date of co:	Not Reported	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:	OHD500000385199		

L46
WSW
1/2 - 1 Mile
Lower

OH WELLS OHD500000381426

Well log n:	118263		
Well type :	W		
End user i:	0		
Cnty code:	143	Twp code:	1100
Orig owner:	ARTHUR	Orig own 1:	EICKLER
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	SST
Loc map ye:	1960	Loc area:	Not Reported
Loc no:	67		
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:	14		
St dir cod:	Not Reported		
St no:	0	St type co:	RD
St name:	Not Reported		
Sec add:	Not Reported		
Sec add no:	0	State code:	OH
City:	Not Reported		
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1864718.13		
Horiz y:	597685.22		
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:	41.306224		
Longitude:	-82.992307		
Source of :	digitized	Flowing we:	Y
Test rate:	20		
Draw down:	12		
S water le:	0	S water 1:	Not Reported
S water me:	Not Reported		
Cas ht:	0		
Screen len:	0		
Total dept:	63		
Date of co:	11/21/1953	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:	OHD500000381426		

47
WSW
1/2 - 1 Mile
Higher

OH WELLS OHD500000377544

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	233371		
Well type :	W		
End user i:	1112		
Cnty code:	143	Twp code:	1100
Orig owner:	WILLIAM	Orig own 1:	DICK
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:	112		
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:	14		
St dir cod:	Not Reported		
St no:	1434		
St name:	FRANKS	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	CLYDE	State code:	OH
Zip:	43410		
Zone code:	S		
Horiz x:	1864925.34		
Horiz y:	597058.9		
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:	41.304509		
Longitude:	-82.99154		
Source of :	digitized	Flowing we:	N
Test rate:	10		
Draw down:	0		
S water le:	30		
S water me:	Not Reported	S water 1:	Not Reported
Cas ht:	0		
Screen len:	0		
Total dept:	88		
Date of co:	07/01/1959	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:
Site id:

Not Reported
OHD500000377544

Subcon odh:

Not Reported

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

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Whirlpool Lagoons Clyde City Dump Wickerham Drum

853 North Main Street

Clyde, OH 43410

Inquiry Number: 3225018.60

December 22, 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.

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with any questions or comments.

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Date EDR Searched Historical Sources:

Aerial Photography December 22, 2011

Target Property:

853 North 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
1969	Aerial Photograph. Scale: 1"=500'	Panel #: 41082-C8, Clyde, OH; Flight Date: March 23, 1969	EDR
1969	Aerial Photograph. Scale: 1"=500'	Panel #: 41082-C8, Clyde, OH; Flight Date: March 23, 1969	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"=750'	Panel #: 41082-C8, Clyde, OH; Flight Date: March 18, 1995	EDR
2000	Aerial Photograph. Scale: 1"=750'	Panel #: 41082-C8, Clyde, OH; Flight Date: October 11, 2000	EDR



INQUIRY #: 3225018.60

YEAR: 1960

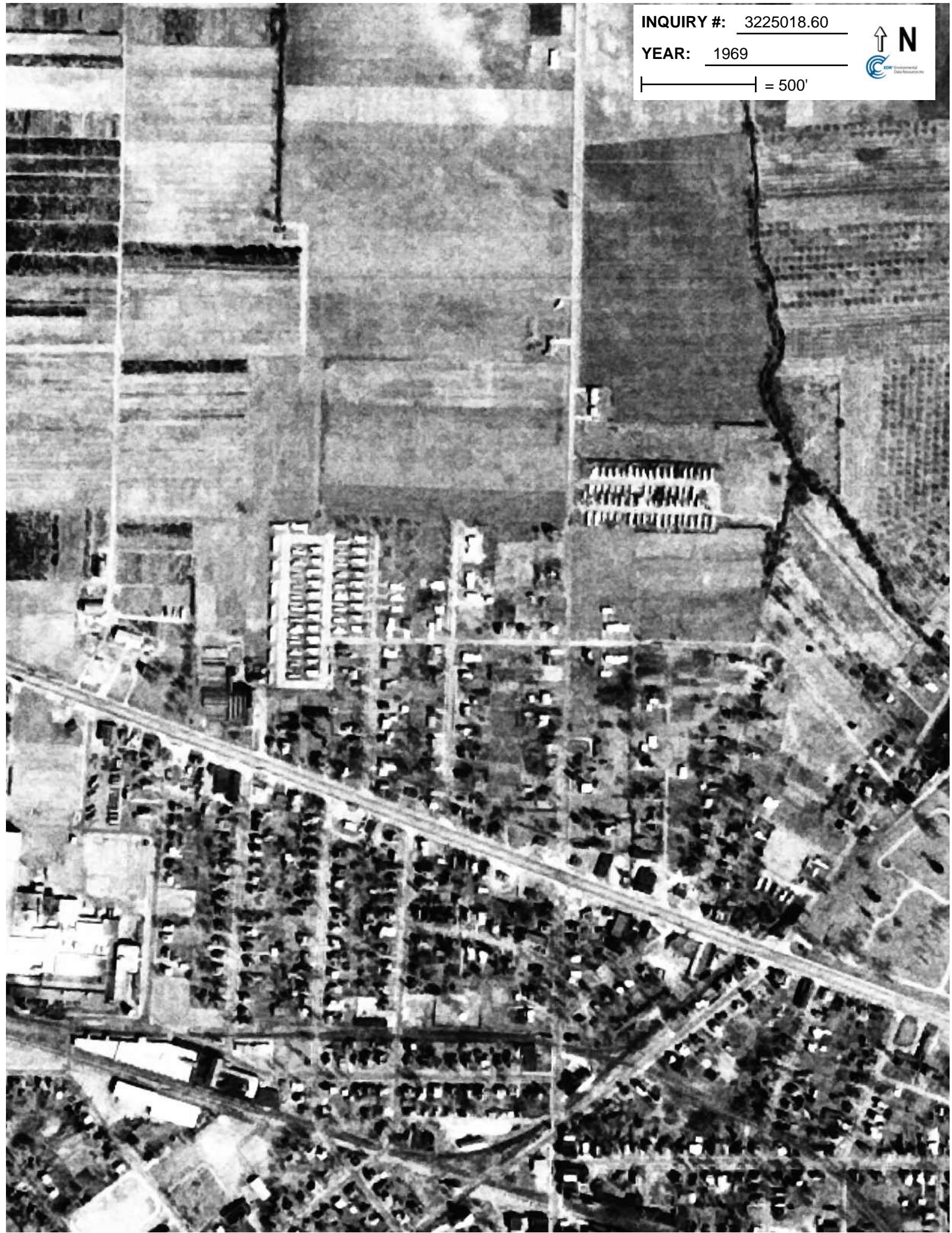
| = 1000'



INQUIRY #: 3225018.60

YEAR: 1969

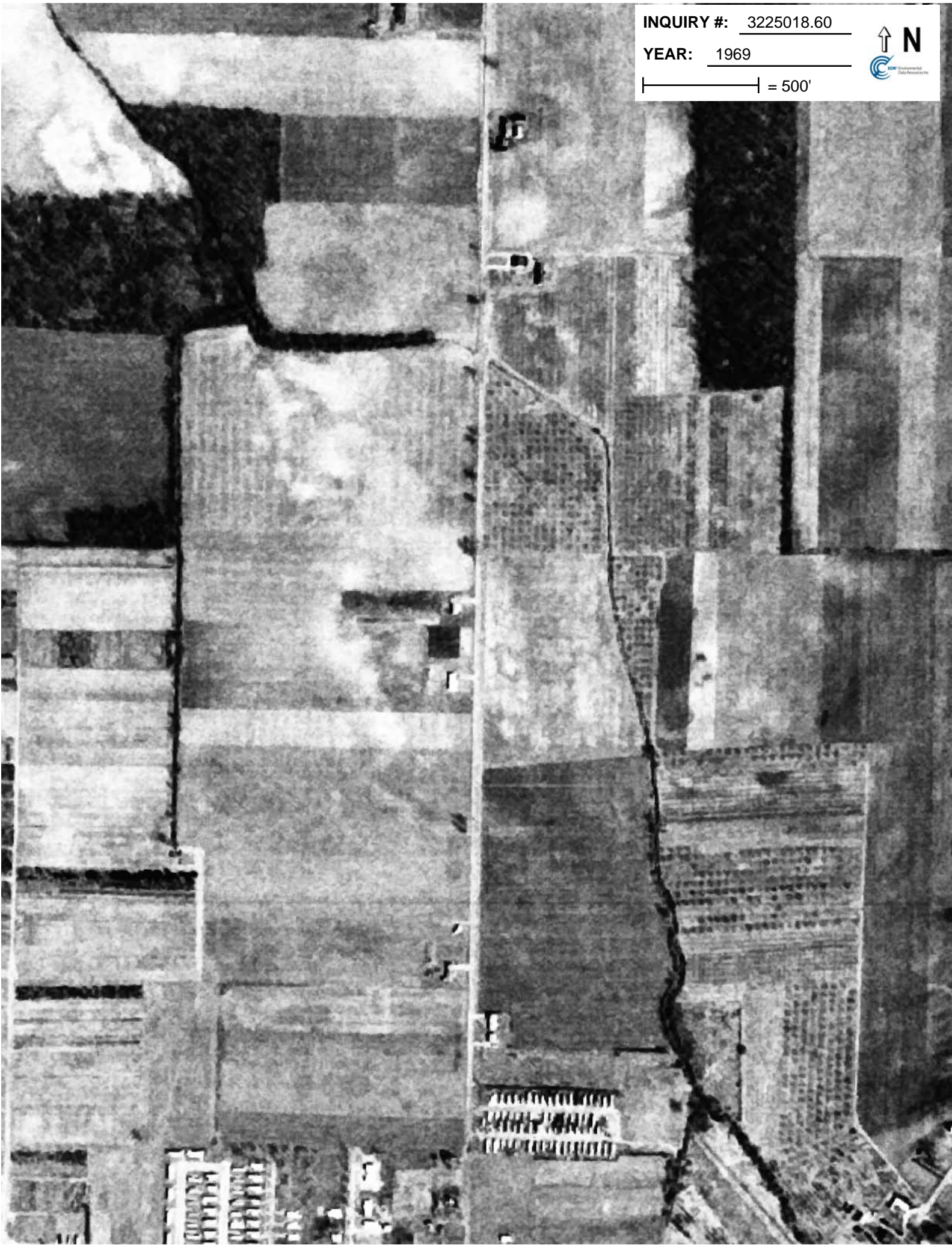
|—————| = 500'



INQUIRY #: 3225018.60

YEAR: 1969

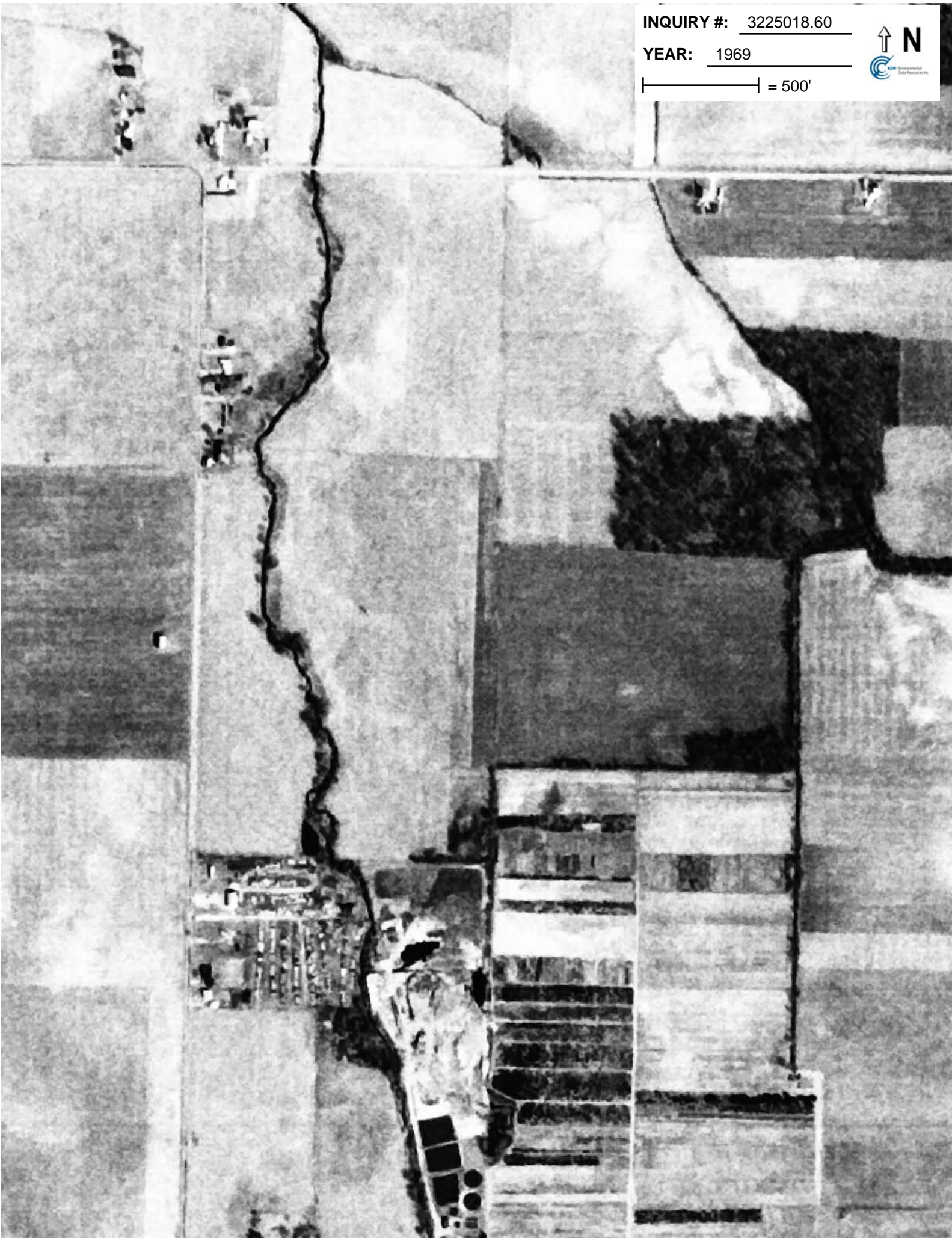
|—————| = 500'



INQUIRY #: 3225018.60

YEAR: 1969

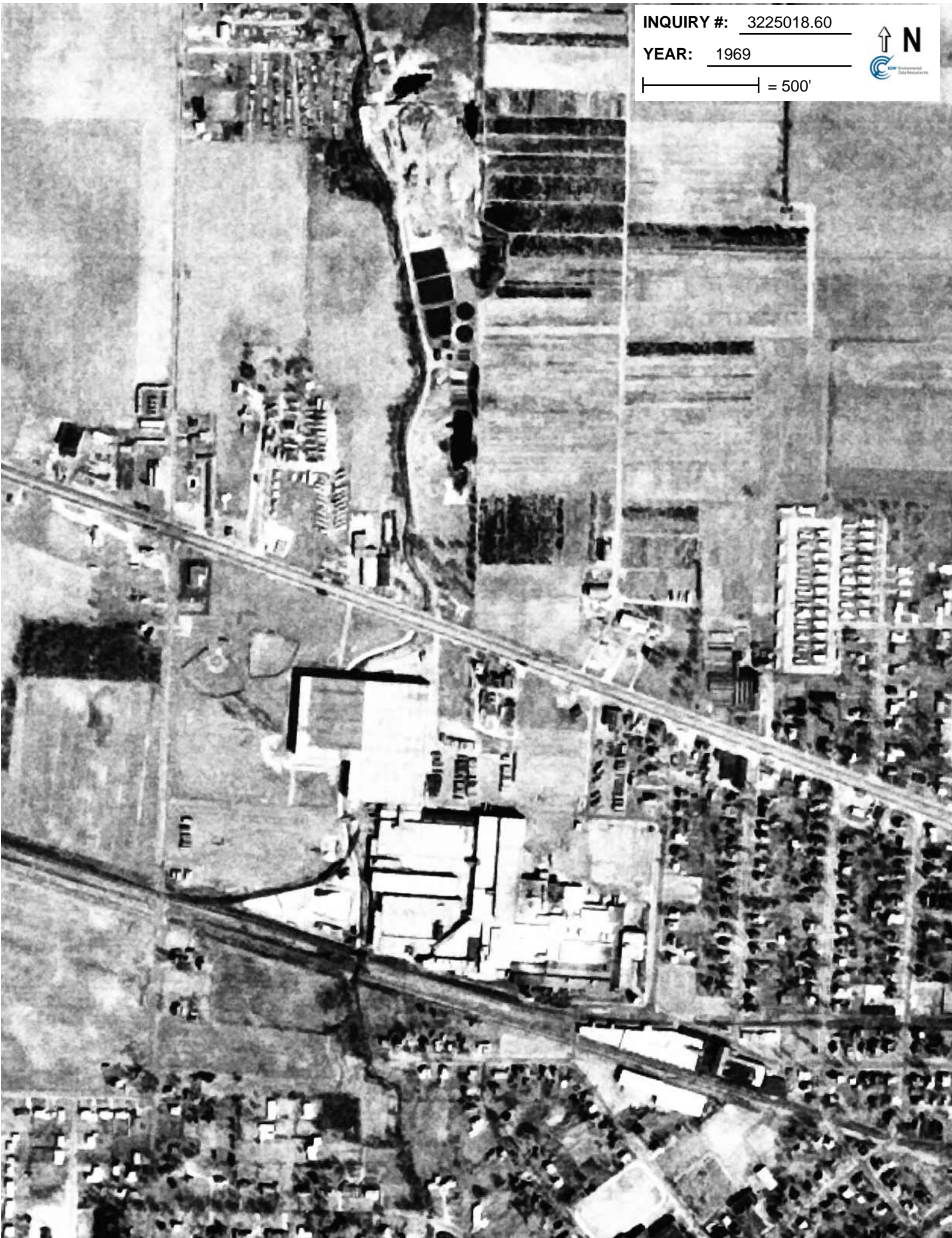
| = 500'



INQUIRY #: 3225018.60

YEAR: 1969

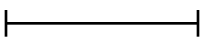
|—————| = 500'



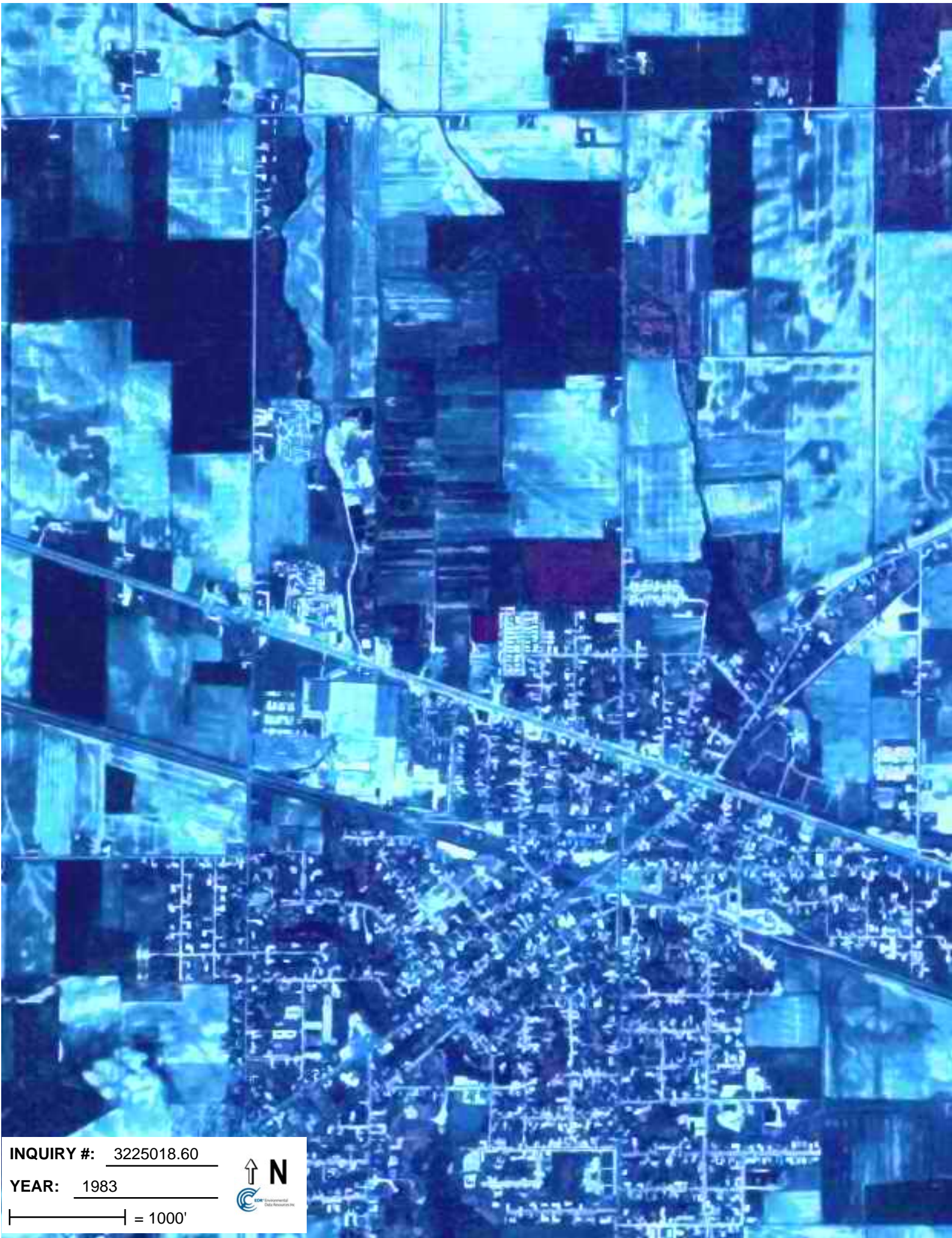


INQUIRY #: 3225018.60

YEAR: 1977

 = 1000'





INQUIRY #: 3225018.60

YEAR: 1983

| = 1000'





INQUIRY #: 3225018.60

YEAR: 1988

| = 750'



INQUIRY #: 3225018.60

YEAR: 1995



| = 750'



INQUIRY #: 3225018.60

YEAR: 2000



| = 750'



Whirlpool Lagoons Clyde City Dump Wickerham Drum

853 North Main Street
Clyde, OH 43410

Inquiry Number: 3225018.66
December 15, 2011

EDR Building Permit Report

Target Property and Adjoining Properties

EDR Building Permit Report: Search Documentation

12/15/11

Site Name:

Whirlpool Lagoons
853 North Main
Clyde, OH 43410

Client Name:

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



EDR Inquiry # 3225018.66

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).

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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.



Whirlpool Lagoons Clyde City Dump Wickerham Drum

853 North Main Street
Clyde, OH 43410

Inquiry Number: 3225018.61
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.

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The EDR Environmental LienSearch™ Report

**WHIRLPOOL LAGOONS CLYDE CITY
DUMP WICKERHAM DRUM
SANDUSKY COUNTY
CLYDE, OH 43410**

Project Number 3225018.62

December 21, 2011



EDR® Environmental
Data Resources Inc



**The Standard in
Environmental Risk
Information**

440 Wheelers Farm Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR Environmental LienSearch™ Report

The EDR Environmental LienSearch Report includes results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers follows established procedures to:

- search for parcel information, legal description, and ownership based on client supplied address information;
- research indexes and title repositories;
- obtain a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument (title, parties involved, and description); and
- provide a copy of the deed.

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

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EDR Environmental LienSearch™ Report

TARGET PROPERTY INFORMATION

ADDRESS

WHIRLPOOL LAGOONS CLYDE CITY DUMP WICKERHAM DRUM
853 NORTH MAIN ST.
CLYDE, OH 43410

RESEARCH SOURCE

Sources: Sandusky County

DEED INFORMATION

Type of Deed: WD QCD Other DEED

Title is vested in: Edward C. Kennedy and Carrie M. Kennedy

Title received from: Robin Griffin

Deed Dated: June 14, 2011
Deed Recorded: June 15, 2011
DBV/PG: 103/2430

LEGAL DESCRIPTION

Description: Legal attached as Exhibit "A."

Assessor's Parcel Number: 32-50-00-1760-00

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found

If yes:

1st Party:

2nd Party:

Dated:
Recorded:
Book:
Page:
Comments:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found Not Found

TARGET PROPERTY INFORMATION

EDR Environmental LienSearch™ Report

ADDRESS

WHIRLPOOL LAGOONS CLYDE CITY DUMP WICKERHAM DRUM
853 NORTH MAIN ST.
CLYDE, OH 43410

RESEARCH SOURCE

Sources: Sandusky County

DEED INFORMATION

Type of Deed: WD QCD Other DEED

Title is vested in: Whirlpool Corporation, a corporation

Title received from: Clyde – Findlay Whirlpool Employees Federal Credit Union, a corporation

Deed Dated: September 6, 1983

Deed Recorded: September 8, 1983

DBV/PG: 339/775

LEGAL DESCRIPTION

Description: Legal attached as Exhibit "B."

Assessor's Parcel Number: 32-60-00-0060-00

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found

If yes:

1st Party:

2nd Party:

Dated:

Recorded:

Book:

Page:

Comments:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found Not Found

EDR Environmental LienSearch™ Report

TARGET PROPERTY INFORMATION

ADDRESS

WHIRLPOOL LAGOONS CLYDE CITY DUMP WICKERHAM DRUM
853 NORTH MAIN ST.
CLYDE, OH 43410

RESEARCH SOURCE

Sources: Sandusky County

DEED INFORMATION

Type of Deed: WD QCD Other DEED

Title is vested in: The City of Clyde

Title received from: Joseph C. Kindred, Jr., Sheriff

Deed Dated: February 15, 1974

Deed Recorded: March 4, 1974

DBV/PG: 302/26

LEGAL DESCRIPTION

Description: Legal attached as Exhibit "C."

Assessor's Parcel Number: 32-60-00-0099-00

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found

If yes:

1st Party:

2nd Party:

Dated:

Recorded:

Book:

Page:

Comments:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found Not Found

EDR Environmental LienSearch™ Report

EXHIBIT A

Instrument 201100003475 OR Book Page 103 2430

TRANSFERRED
PER O.R.C. § 5302.02
JUN 15 2011
99.90
WILLIAM L. FARRELL
AUDITOR, Sandusky County, Ohio
244.70

201100003475
Filed for Record in
SANDUSKY COUNTY, OHIO
COLLEEN CARMACK
06-15-2011 At 02:59 pm.
SURV DEED 28.00
OR Book 103 Page 2430 - 2431

201100003475
FIRST AM TITLE
BOX

TAX MAPS/GIS

Form No. DE8 • Revised 9-2009
www.toledolegalnews.com

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247 Gradolph St. Toledo, OH 419-470-8600

**SURVIVORSHIP
DEED**

(Statutory Form)
Rev. Code Sec.
5302.17

After recording, mail to:

Know All Persons By These Presents:

Clyde 1760 1759

ROBIN GRIFFIN, Unmarried,
(Names of Grantor(s) and marital status)

of 853 North Main Street, Clyde, OH 43410
(Address of Grantor(s))

Sandusky County, State of Ohio, for valuable consideration paid,

grant(s) with general warranty covenants, to EDWARD C. KENNEDY and CARRIE H. KENNEDY,
(Name & marital status of Grantee(s))

~~husband~~ husband and wife, for their joint lives, remainder to the survivor of them.

whose tax-mailing address is 853 North Main Street, Clyde, Ohio 43410

The following real property: Situated in the City of Clyde, County of Sandusky and State of Ohio and described as follows: Inlot Numbered Seventeen Hundred Fifty-nine (1759) and Seventeen Hundred Sixty (1760).

Subject to: Easements, conditions, rights-of-way, restrictions of record, zoning ordinances and current real estate taxes, which shall be prorated to the date of transfer.

#32-50-00-1759-00 and OR Bk. 56, Pg. 1389,
Tax ID #: 32-50-00-1760-00 Prior instrument reference: Sandusky County, Ohio.
Deed Records, Sandusky County, Ohio.

Jennifer Griffin wife of Robin Griffin releases her right to dower

*Executed this 14th day of June, 2011

Jennifer Griffin
(Signature of Grantor)

Robin Griffin
(Signature of Grantor)

JENNIFER GRIFFIN
(Print name)

ROBIN GRIFFIN
(Print name)

STATE OF OHIO, SANDUSKY COUNTY, §:

The foregoing Instrument was acknowledged before me this 14th day of June, 2011,

by ROBIN GRIFFIN, Unmarried to JENNIFER GRIFFIN,

This document was prepared by
Anthony A. Chudzinski
Attorney at Law
Fremont, Ohio 43420



Kathy L. Fahle
NOTARY PUBLIC, STATE OF OHIO
My Commission Expires Jan. 11, 2014
Notary Public

Instrument 201100003475 DR Book Page 103 2431

STATE OF OHIO, COUNTY OF Huron

The foregoing instrument was acknowledged before me this 14th day of June 2011 by Jennifer Griffin wife of Robin Griffin.

Bernadette M. Fritz
Notary Public



BERNADETTE M. FRITZ
NOTARY PUBLIC, STATE OF OHIO
My Commission Expires
May 28, 2013

EXHIBIT B

188338

QUIT CLAIM DEED

KNOW ALL MEN BY THESE PRESENTS: That CLYDE - FINDLAY WHIRLPOOL EMPLOYEES FEDERAL CREDIT UNION, a corporation duly organized and existing under the laws of the United States of America (formerly known as WHIRLPOOL - CLYDE DIVISION - FEDERAL CREDIT UNION), the Grantor, for the consideration of One Dollar and other good and valuable consideration (\$1.00) received to its full satisfaction of WHIRLPOOL CORPORATION, a corporation duly organized and existing under the laws of the State of Delaware, the Grantee, whose tax mailing address will be 119 Birdseye Street, Clyde, Ohio, 43410, has GIVEN, GRANTED, REMISED, RELEASED AND FOREVER QUIT CLAIMED, and does by these presents absolutely give, grant, remise release and forever quit claim onto the said Grantee, its successors and assigns forever, all such right and title as said Grantor has or ought to have in and to the following described piece or parcel of land, situated in the City of Clyde, County of Sandusky and State of Ohio: And being the northwest part of Outlot No. 60, bounded and described as follows:

Commencing at an iron pipe at the intersection of the East line of Woodland Avenue with the southerly line of U. S. #20; thence south-easterly along the southerly line of U. S. #20, 153.57 feet to an iron pipe; thence South with an interior angle of $108^{\circ}04'$ and parallel with the East line of Woodland Avenue, 251.70 feet to an iron pipe; thence West with an interior angle of 90° , 146.00 feet to an iron pipe on East line of Woodland Avenue; thence North with an interior angle of 90° and along the East line of Woodland Avenue, 299.33 feet to the place of beginning, forming an angle of enclosure of $71^{\circ}56'$.

This conveyance is given for the purpose of conveying to the Grantee any and all interest of the Grantor in the building erected by Grantor on the above described parcel of land leased from Grantee under a 99 year lease dated July 6, 1959 and recorded as instrument #76650, in Lease Volume 30, at Page 384, in the Office of the Recorder of Sandusky County, Ohio, and this conveyance shall act as the termination of said lease and the Sandusky County Recorder is authorized to make notation thereof on said records.

TO HAVE AND TO HOLD the premises aforesaid, with the appurtenances thereunto belonging to the said Grantee, its successors and assigns, so that neither the said Grantor nor its successors and assigns, nor any persons claiming title through or under it, shall or will hereafter claim or demand any right or title

to the premises, or any part thereof; but they and everyone of them shall by these presents be excluded and forever barred.

IN WITNESS WHEREOF, said Clyde-Findlay Whirlpool Employees Federal Credit Union has set it's hand by Richard J. Schmidt, its Chairman, and Ronald W. Collier, its President/General Manager, this 6th day of September, A.D., 1983.

Signed and acknowledged in presence of:

Martha M. Schoffey
Kelley J. Prosser

CLYDE-FINDLAY WHIRLPOOL EMPLOYEES FEDERAL CREDIT UNION

BY Richard J. Schmidt
Richard J. Schmidt, Chairman
BY Ronald W. Collier
Ronald W. Collier, President/General Manager

STATE OF OHIO)
ss.
Sandusky County)

Before me, a Notary Public in and for said County, personally appeared the above named Clyde-Findlay Whirlpool Employees Federal Credit Union (formerly known as Whirlpool - Clyde Division - Federal Credit Union) by Richard J. Schmidt, its Chairman and Ronald W. Collier, its President/General Manager, who acknowledged that they did sign the foregoing instrument and that the same is the free act and deed of said corporation and the free act and deed of each of them personally and as such officers.

In Testimony Whereof I have hereunto set my hand and official seal, at Clyde, Ohio, this 6th day of September, 1983.

Deborah J. Bertsch
Notary Public

DEBORAH J. BERTSCH, Notary Public
State of Ohio
My Commission Expires Oct. 18, 1984

THIS INSTRUMENT PREPARED BY
ATTORNEYS HOSMAN AND PEARCE, CLYDE, OHIO

560 L

188338

13.40 TRANSFERRED
PER 319202 R. C.
SEP 8 1983
WILLIAM L. FARRELL
AUDITOR, Sandusky County, Ohio

RECEIVED FOR RECORD
~~September 8, 1983~~
At 2:29 O'Clock P.M.
Recorded Sept 14, 1983
In Sandusky County Record
Volume 339 Page 776
Recorder's Fees 10.00
Pearce & P

EXHIBIT C

140667

SHARPE NOTARIAL PUBLICS, SPRINGFIELD, OHIO

Sheriff's Deed on Foreclosure, on
Unredeemed Delinquent Land Tax Certificate

300 302 PAGE 026

Revised Code, Secs. 5721.60; 2329.36

To All Persons to Whom These Presents Shall Come:

Whereas, on the 16th day of OCTOBER A. D. 1973,
VIRGIL SWARTZLANDER the County Treasurer of SANDUSKY
County, Ohio, Plaintiff, filed his certain ^{complaint} ~~petition~~, and then and thereby commenced a civil
action in the Court of Common Pleas of SANDUSKY County, Ohio, against

CLYDE CUTLERY CORPORATION

et. al.,

and numbered on the Docket of said Court as Case No. 73390,
praying among other things, for the sale of the property in said ^{complaint} ~~petition~~ and as herein-
after described.

And Whereas, such proceedings were had in said action, that by the consideration
and judgment of said Court, at the SEPTEMBER Term thereof, 1973, the
said, VIRGIL SWARTZLANDER County Treasurer, recovered a judg-
ment against the said

CLYDE CUTLERY CORPORATION

et. al.,

for the sum of FOURTEEN THOUSAND SIX HUNDRED FIFTY ONE & 57/100 Dollars and costs of suit.

And Whereas, it was then and there further ordered, adjudged and decreed, by said
Court, in said action, that JOSEPH C. KINDRED JR. Sheriff of said County of
SANDUSKY should cause the lands and tenements in said ^{complaint} ~~petition~~ and order
mentioned and hereinafter described to be advertised and sold in the manner provided
by law for the sale of real estate on execution without appraisal.

And Whereas, afterwards, on the 19th day of OCTOBER 1973, in pur-
suance of the said order and judgment of said Court, and founded thereon an order of
sale issued from said Court, in said cause, directed to JOSEPH C. KINDRED JR.
Sheriff of SANDUSKY County, Ohio, commanding him to execute
the said order, and in all things to be governed by the provisions of the statute in such
case made and provided, and of said order, with his proceedings thereon, he should make
due return.

And Whereas, I the said.....JOSEPH C. KINDRED, JR.....Sheriff aforesaid,
having advertised the time and place of selling the same, in the.....FREMONT.....

NEWS MESSENGER.....a newspaper printed and of general circulation in said
County, for the period of thirty days prior to the day of sale, and otherwise complied with
the said order and the provisions of the statute in such cases made and provided, did, on

the.....11th.....day of.....FEBRUARY.....1974....., AT THE DOOR OF THE COURT HOUSE
("at the door of the Court House" or "on the premises")
in said county, at.....11:30.....o'clock.....P.M. of said day, expose to sale, at public auction, the
premises hereinafter described, and thereupon.....The CITY OF CLYDE.....

.....CLYDE, OHIO.....having bid for the said premises the sum of
.....FIFTY-THREE HUNDRED AND 00/100 (\$5,300.00).....
which said sum being the highest and best bid offered for the same, the said premises
were then and there struck off to.....them.....the said.....

.....The CITY OF CLYDE, CLYDE, OHIO.....
the purchaser, for the sum above mentioned.

And Whereas, the said Court at its.....JANUARY.....Term, 1974, having
examined the proceedings of the said.....JOSEPH C. KINDRED, JR.....Sheriff,
aforesaid, in the premises, under said order of sale, and being satisfied that the sale
aforesaid had been made in all respects in pursuance to said judgment and order of sale,
and in accordance with the provisions and requirements of the statute regulating such
sales, did order that such sale should be confirmed, and that the said Sheriff should con-
vey the said real estate by deed in fee simple, to the purchaser,.....

.....The CITY OF CLYDE, CLYDE, OHIO.....

Now Know Ye, That I the said.....JOSEPH C. KINDRED, JR.....Sheriff
aforesaid, by virtue of said judgment, order of sale, sale and confirmation, and of the
statute for such cases made and provided, and for and in consideration of the premises
herein, and the sum of.....

.....FIFTY-THREE HUNDRED AND 00/100 (\$5,300.00).....

which I acknowledge to have received from.....
.....The CITY OF CLYDE, CLYDE, OHIO.....do hereby

GRANT, SELL AND CONVEY unto.....them.....the said.....

.....The CITY OF CLYDE, CLYDE, OHIO.....their.....heirs and assigns, forever,

the following described real estate, situated in.....SANDUSKY.....County and State
of Ohio, to-wit:.....

Situated in the City of Clyde, County of Sandusky and
State of Ohio: and being all of Inlots Number Ninety-
Nine (99), One Hundred (100), One Hundred One (101),
One Hundred Two (102), One Hundred Three (103), One
Hundred Four (104), One Hundred Eleven (111), One
Hundred Fourteen (114) and One Hundred Fifteen (115)
in said city. Also, that part of Inlot Number One
Hundred Twelve (112) in said city described as com-
mencing at the Northwest corner of said inlet; thence
East along the North Line of said inlet a distance of
eight (8) feet; thence South, on a line parallel with
the West Line of said inlet, to a point Thirty-three
(33) feet North of the South Line of said inlet; thence
Southeasterly to a point Twenty-two (22) feet North of
the South Line of said inlet and Forty-three and one-half

BOOK 302 PAGE 027

(4 $\frac{3}{4}$) feet east of the West Line thereof; thence East, on a line parallel with the South Line of said inlet and Twenty-two (22) feet North thereof, to the East Line of said inlet; thence South Twenty-two (22) feet, on said East Line, to the Southeast corner of said inlet; thence West on the South Line of said inlet, to the Southwest corner of said inlet; and thence North on the West Line of said inlet to the place of beginning, be the same more or less but subject to all legal highways. Also, a part of Inlet Number One Hundred Ten (110), in said city, more particularly described as follows: Beginning on the North Line of the New York Central Railroad Company at a point One Hundred Fifty-one and Sixteen Hundredths (151.16') feet Southeastly from the intersection of the North Line of said railroad with the East building line of Main Street and One Hundred Sixty-two and Forty-five Hundredths (162.45) feet Southeastly from the intersection of the North Line of said railroad with the East Curb Line of Main Street; thence Northeastly, forming an interior angle with the North Line of said railroad of Eighty-nine (89) degrees Thirty-nine (39) minutes, a distance of Thirty-three (33) feet, more or less, to a cross in the Concrete Walk; thence Northwestly with an interior angle of One Hundred Eight (108) degrees Thirty-nine (39) minutes and on the line of the Northeast edge of a Concrete Wall, a distance of Twenty-nine and Ninety-three Hundredths (29.93) feet to an Iron Pipe, Seven-eighth ($\frac{7}{8}$) inches in diameter, said pipe being Sixteen and Nine Tenths (16.9) feet from the Northeast side of the Burkett Building, measured at right angles to same; thence Northerly with an interior angle of One Hundred Twenty-five (125) degrees Forty-four (44) minutes and on a line Twelve and Seven Tenths (12.7) feet west of and parallel to the concrete block building now owned by The Glyde Cutlery Company, a distance of One Hundred Twenty-four (124) feet, more or less, to the South Line of Duane Street, at a point One Hundred Thirty-one and Nineteen Hundredths (131.19) feet East of the intersection of said South Line of Duane Street with the East building line of Main Street and one Hundred Forty-three and Seventy-five Hundredths (143.75) feet East of the intersection of said South Line of Duane Street with the East curb line of Main Street; thence East on the South line of Duane Street to the East line of Inlet One Hundred Ten (110); thence South on the East line of Inlet One Hundred Ten (110) to the North line of the New York Central Railroad Company; thence Northwestly on the North line of said railroad to the place of beginning, be the same more or less, but subject to all legal highways, together with all right, title and interest of the grantor in and to the certain easement or right of way over and upon a parcel of land 12.7 feet wide lying immediately West of and adjoining the hereinabove described premises and extended South 124 feet more or less from the South line of Duane Street

together with all the privileges and appurtenances thereto belonging, and all the right, title and interest of the said..... CITY OF GLYDE, GLYDE, OHIO

and of all the other parties to said suit, of, in, and to the same.

TO HAVE AND TO HOLD the premises aforesaid unto the said.....

The CITY OF GLYDE, GLYDE, OHIO their heirs and assigns, forever, as fully and completely as I, the said JOSEPH C. KINDRED JR.,

Sheriff of SANDUSKY County, Ohio, by virtue of said judgment, order of sale, sale and confirmation, and of the statute made and provided for such cases, might or should sell and convey the same.

IN WITNESS WHEREOF, I have hereunto set my hand this 15th day of FEBRUARY 1974

Signed and acknowledged in presence of [Signatures] Sheriff of SANDUSKY County, Ohio.

(SEAL) SEAL

The State of Ohio, SANDUSKY County. Personally appeared before me DANIEL E. WEAVER

within and for said County, the above named JOSEPH C. KINDRED JR., Sheriff of SANDUSKY County, Ohio, the Grantor in the foregoing Deed, who acknowledged the signing and sealing of the same to be his voluntary act and deed, for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 15th day of FEBRUARY 1974

This instrument prepared by: Daniel E. Weaver Deputy Sheriff Sandusky County

[Signature] Daniel E. Weaver Notary Public, Sandusky County Commission Expires May 2, 1978

140657 SHERIFF'S DEED FROM JOSEPH C. KINDRED JR. Sheriff of SANDUSKY County, Ohio TO CITY OF GLYDE, Ohio

Received [Signature] at 2:54 o'clock P.M. Recorded MAR 4 1974 In Sandusky County Record of Deeds, Vol. 302 Page 26 Recorder: Clarence E. Bann

Recorder's Fee - \$5.00. UNRECORDED PER 319.202 R.C. FEB 28 1974 By: [Signature] Recorder: Pence BX

3007 302 PAGE 029

Whirlpool Lagoons Clyde City Dump Wickerham Drum

853 North Main Street
Clyde, OH 43410

Inquiry Number: 3225018.63
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.

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Whirlpool Lagoons Clyde City Dump Wickerham Drum

853 North Main Street

Clyde, OH 43410

Inquiry Number: 3225018.58

January 04, 2012

Certified Sanborn® Map Report

Certified Sanborn® Map Report

1/04/12

Site Name:

Whirlpool Lagoons Clyde City
853 North Main Street
Clyde, OH 43410

Client Name:

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



EDR Inquiry # 3225018.58

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: Whirlpool Lagoons Clyde City Dump
Address: 853 North Main Street
City, State, Zip: Clyde, OH 43410
Cross Street:
P.O. # 0077763
Project: Eastern Sandusky Dumps SA
Certification # 0378-4305-8239



Sanborn® Library search results
Certification # 0378-4305-8239

Maps Provided:

1948
1923

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™

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Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1948 Source Sheets



Volume 1, Sheet 7

1923 Source Sheets



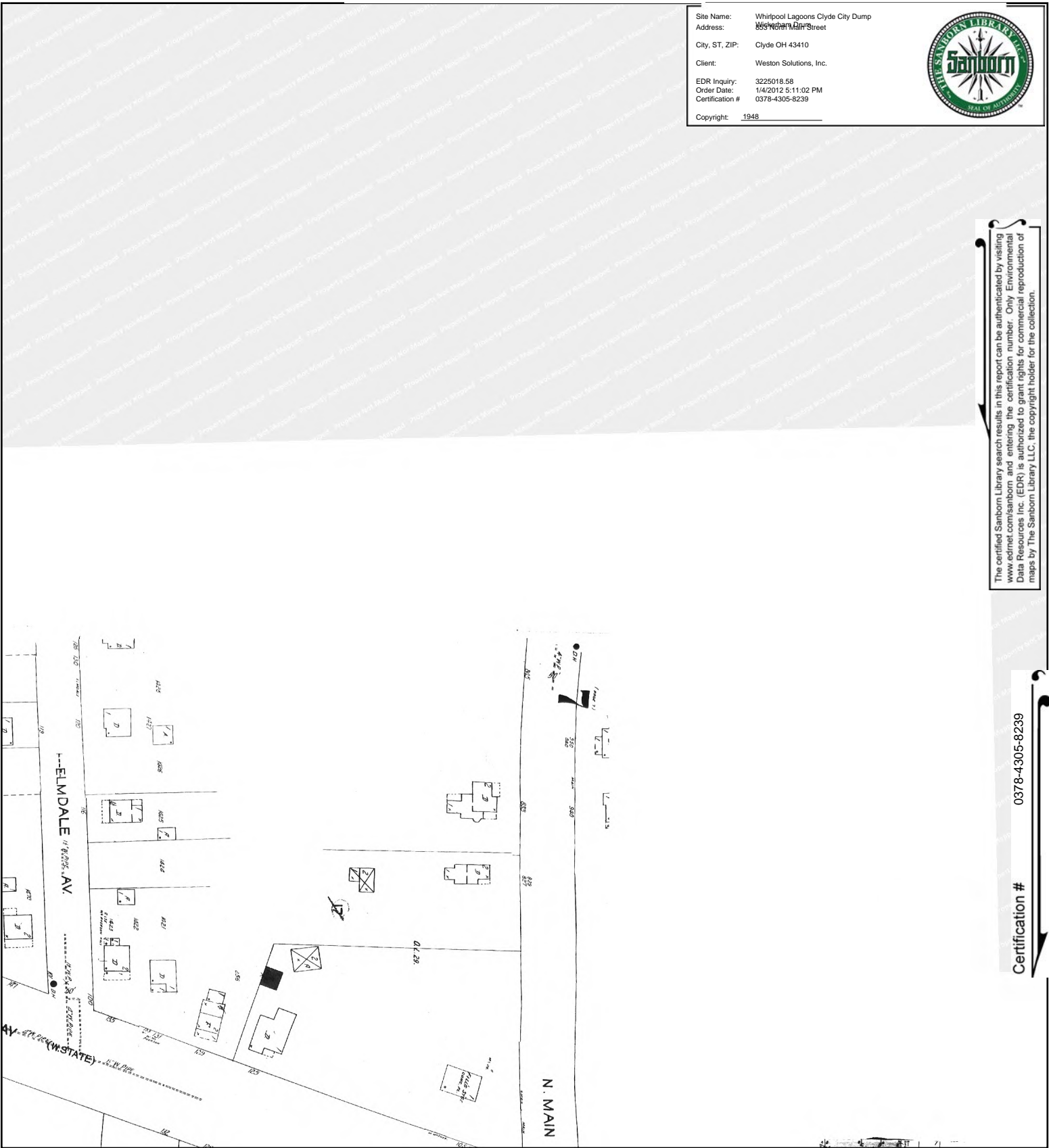
Volume 1, Sheet 7

1948 Certified Sanborn Map

Site Name: Whirlpool Lagoons Clyde City Dump
 Address: 556 North Main Street
 City, ST, ZIP: Clyde OH 43410
 Client: Weston Solutions, Inc.
 EDR Inquiry: 3225018.58
 Order Date: 1/4/2012 5:11:02 PM
 Certification #: 0378-4305-8239
 Copyright: 1948

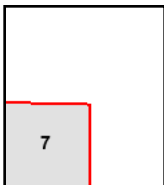
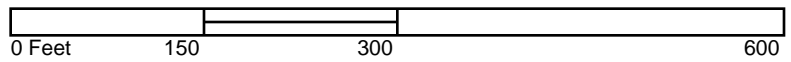


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Certification # 0378-4305-8239

This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 7

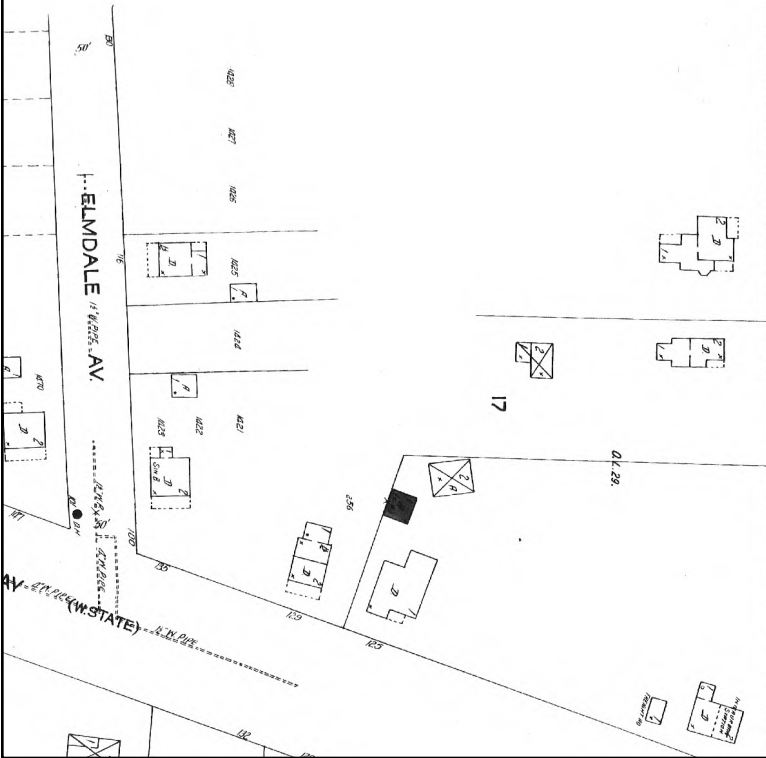


1923 Certified Sanborn Map

Site Name: Whirlpool Lagoons Clyde City Dump
 Address: 556 North Main Street
 City, ST, ZIP: Clyde OH 43410
 Client: Weston Solutions, Inc.
 EDR Inquiry: 3225018.58
 Order Date: 1/4/2012 5:11:02 PM
 Certification #: 0378-4305-8239
 Copyright: 1923

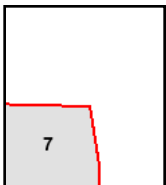
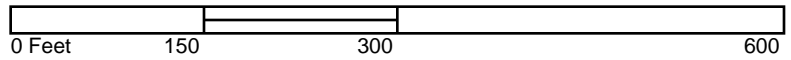


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Certification # 0378-4305-8239

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Volume 1, Sheet 7





Whirlpool Lagoons Clyde City Dump Wickerham Drum

853 North Main Street

Clyde, OH 43410

Inquiry Number: 3225018.59

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.

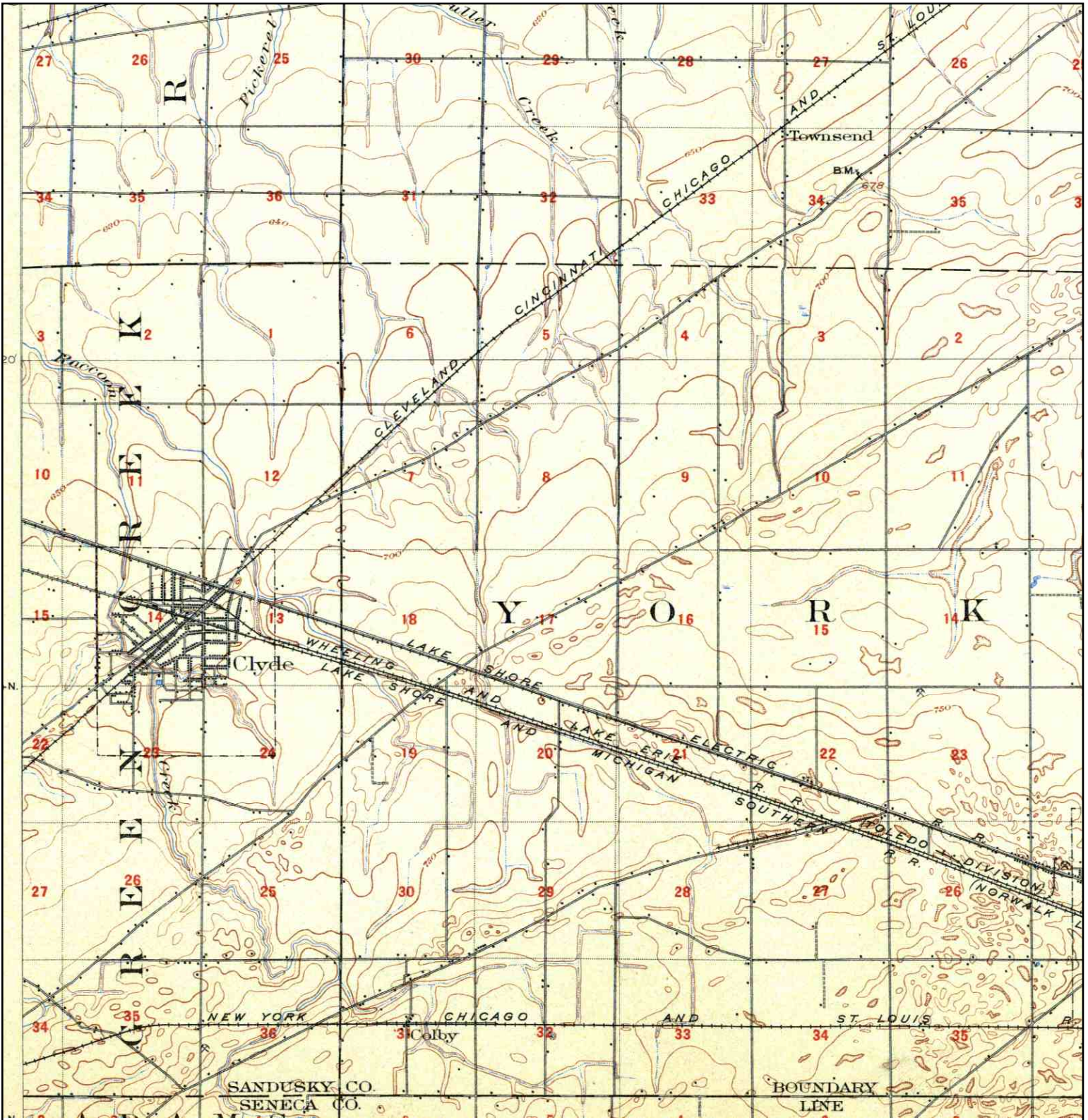
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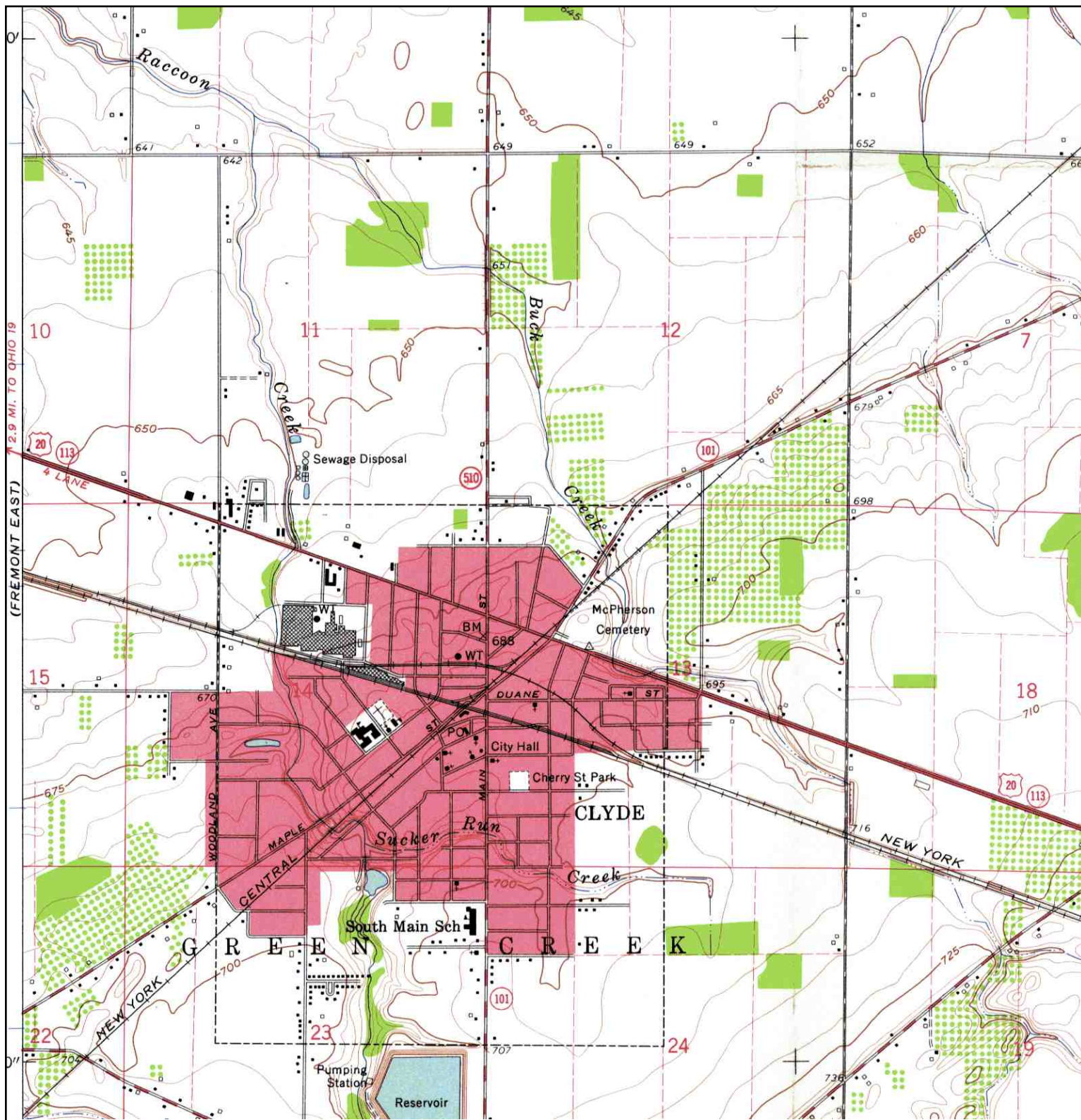
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Historical Topographic Map



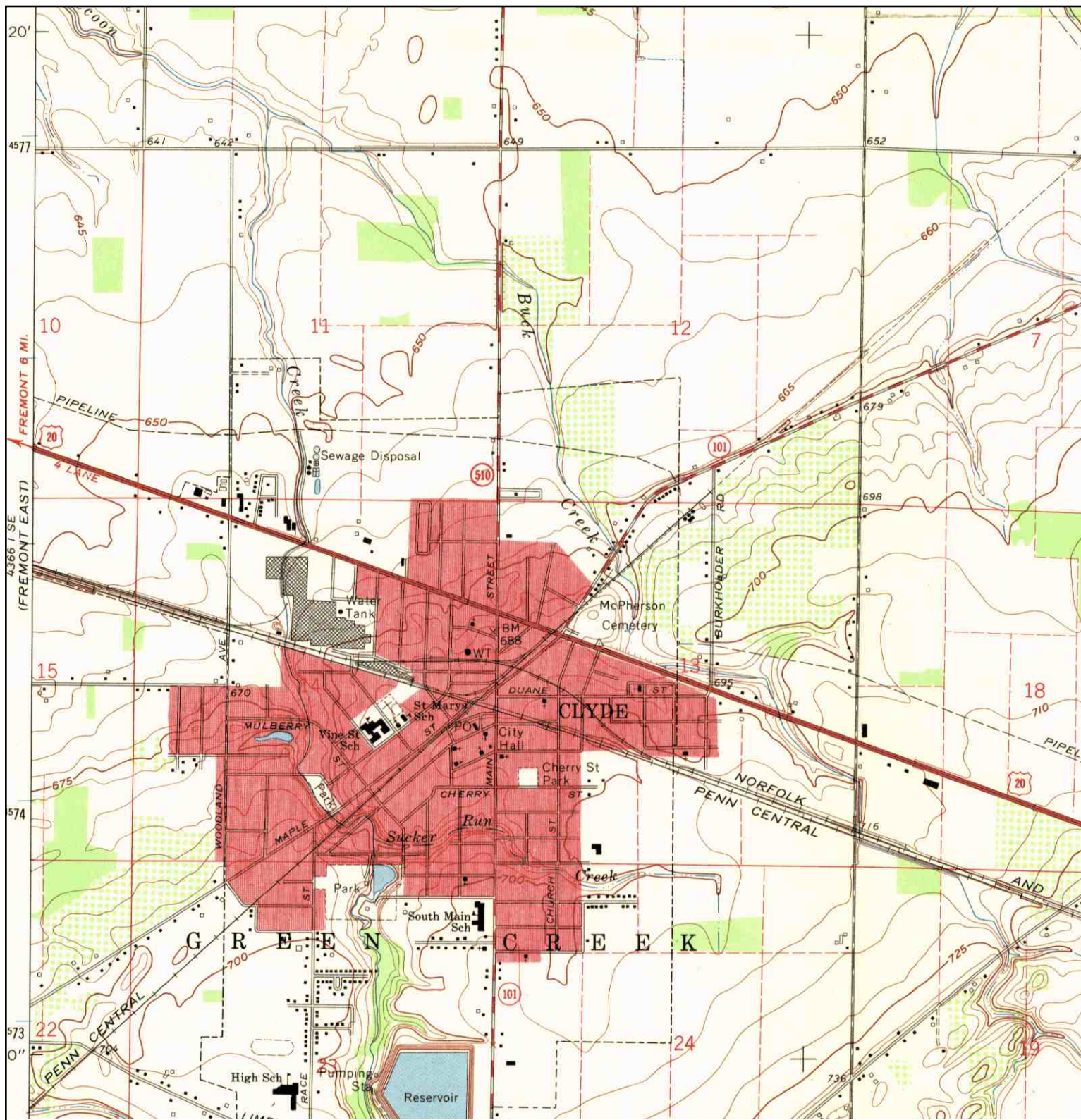
	TARGET QUAD	SITE NAME: Whirlpool Lagoons Clyde	CLIENT: Weston Solutions, Inc.
	NAME: BELLEVUE	City Dump Wickerham	CONTACT: TJ Mcfarland
	MAP YEAR: 1903	ADDRESS: 853 North Main Street	INQUIRY#: 3225018.59
		Clyde, OH 43410	RESEARCH DATE: 12/15/2011
	SERIES: 15	LAT/LONG: 41.3118 / -82.9751	
SCALE: 1:62500			


Historical Topographic Map



N 	TARGET QUAD	SITE NAME: Whirlpool Lagoons Clyde	CLIENT: Weston Solutions, Inc.
	NAME: CLYDE	City Dump Wickerham	CONTACT: TJ Mcfarland
	MAP YEAR: 1959	ADDRESS: 853 North Main Street	INQUIRY#: 3225018.59
		Clyde, OH 43410	RESEARCH DATE: 12/15/2011
	SERIES: 7.5	LAT/LONG: 41.3118 / -82.9751	
SCALE: 1:24000			

Historical Topographic Map



N 	TARGET QUAD	SITE NAME: Whirlpool Lagoons Clyde	CLIENT: Weston Solutions, Inc.
	NAME: CLYDE	City Dump Wickerham	CONTACT: TJ Mcfarland
	MAP YEAR: 1969	ADDRESS: 853 North Main Street	INQUIRY#: 3225018.59
		Clyde, OH 43410	RESEARCH DATE: 12/15/2011
	SERIES: 7.5	LAT/LONG: 41.3118 / -82.9751	
SCALE: 1:24000			

APPENDIX C3
PHOTOGRAPHIC DOCUMENTATION



Site: Clyde City Dump Site

Photograph No.: 1

Direction: Northwest

Subject: Site view towards soil boring location B06

Date: 2/22/12

Photographer: Michael Blair



Site: Clyde City Dump Site

Photograph No.: 2

Direction: Southeast

Subject: Site view towards soil boring locations B01 & B03.

Date: 2/22/12

Photographer: Michael Blair



Site: Clyde City Dump Site

Photograph No.: 3

Direction: West

Subject: Site view of the western boundary of the Clyde City Dump.

Date: 2/23/12

Photographer: Michael Blair



Site: Clyde City Dump Site

Photograph No.: 4

Direction: Southwest

Subject: View of drilling operation at soil boring location B05

Date: 2/20/12

Photographer: Michael Blair



Site: Clyde City Dump Site

Photograph No.: 5

Direction: North

Subject: View of leachate emerging from the east bank of Racoon Creek near surface sample #1

Date: 2/22/12

Photographer: Michael Blair



Site: Clyde City Dump Site

Photograph No.: 6

Direction: North

Subject: View of Geoprobe drilling operation at soil boring B03

Date: 2/20/12

Photographer: Michael Blair



Site: Clyde City Dump Site

Photograph No.: 7

Direction: Not Applicable

Subject: View of waste material in soil core from soil boring B01.

Date: 2/23/12

Photographer: Michael Blair



Site: Clyde City Dump Site

Photograph No.: 8

Direction: West

Subject: View of groundwater sampling at temporary well in soil boring B03.

Date: 2/23/12

Photographer: Michael Blair



Site: Clyde City Dump Site

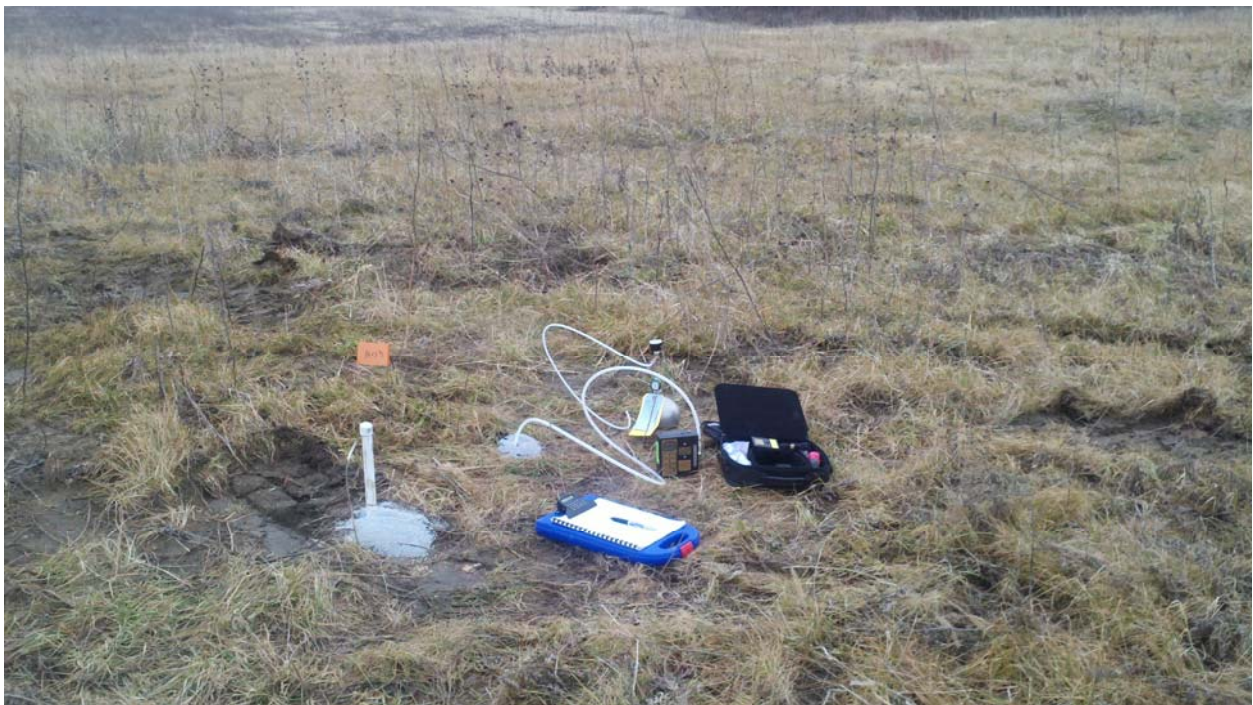
Photograph No.: 9

Direction: North

Subject: View of Geoprobe drilling operation at soil boring location B04.

Date: 2/23/12

Photographer: Michael Blair



Site: Clyde City Dump Site

Photograph No.: 10

Direction: Southeast

Subject: View of temporary well and soil vapor probe at soil boring location B03.

Date: 2/23/12

Photographer: Michael Blair



Site: Clyde City Dump Site

Photograph No.: 11

Direction: Southeast

Subject: Preparing to collect groundwater sample at soil boring location B04.

Date: 2/23/12

Photographer: Michael Blair



Site: Clyde City Dump Site

Photograph No.: 12

Direction: East

Subject: View of drilling operation at soil boring location B07.

Date: 2/23/12

Photographer: Michael Blair

**APPENDIX C4
BORING LOGS**

Job Name	East Sandusky S.A.	Boring No.	CD-B01	Groundwater Levels
Job No.	20405.012.001.1691.00	Well Type		Date
Date Drilled	23 Feb 12	Drilling Method	Direct Push	Depth
Drilling Co.	Buckeye Probe	Completion Depth	20.0 (ft bgs)	
Drill Foreman	Rick Tosatto	Location	Clyde City Dump	
Logged By	Michael Blair	Ground Elevation	95.39'	
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		N/A		SM	SAND/SILT - Brown sand & silt, loose, moist (landfill cap).	N/A
4						
6						
8						
10	CD-B01-S01-022312 CD-B01-S01-022312-DP	34			FILL - Grayish black trash (plastic, glass), silt, sand & gravel, moist, soft.	0.2
12	1520 hrs.					0
14		2			Note: Little to no recovery.	N/A
16					16'	N/A
18		48		CL	CLAY - Yellow brown clay, some silt, trace gravel, hard, moist (till).	0
					Boring terminated @ 20.0 ft.	0

Well screen & sand pack
 Well riser/bentonite seal

Bentonite Seal
 Soil Vapor Screen Interval: 8 ft. To 12 ft.

Job Name	East Sandusky S.A.	Boring No.	CD-B02	Groundwater Levels	
Job No.	20405.012.001.1691.00	Well Type		Date	Depth
Date Drilled	23 Feb 12	Drilling Method	Direct Push		
Drilling Co.	Buckeye Probe	Completion Depth	20.0 (ft bgs)		
Drill Foreman	Rick Tosatto	Location	Clyde City Dump		
Logged By	Michael Blair	Ground Elevation	96.91'		
Drill Rig Type	Geoprobe	Top of Casing Elevation	N/A		



Depth ft BGS	Sample Number	Recovery (In.)	Well Log	USCS	Visual Description	FID/OVA HEATED HEADSPACE
2				SM	SAND/SILT - Brown sand & silt, loose, moist (landfill cap).	
4						
6						
8					8.0'	
10		10		FILL	FILL - Trash (glass/metal), sand & gravel, loose, wet.	0.3
12						N/A
14		27			14'	N/A
16	CD-B02-S01-022312 1355 hrs.			ML	SILT - Gray silt with clay, soft/stiff, moist.	0.3
18	CD-B02-S02-022312 1345 hrs.	48		ML	SILT - Mottled yellow & greenish gray silt, trace clay, loose, saturated.	N/A
					Note: Material becomes hard & moist @ 19 ft. Boring terminated @ 20.0 ft.	N/A


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.	CD-B03	Groundwater Levels
Job No.	20405.012.001.1691.00	Well Type	CD-W03	Date
Date Drilled	23 Feb 12	Drilling Method	Direct Push	85.98
Drilling Co.	Buckeye Probe	Completion Depth	24.0 (ft bgs)	
Drill Foreman	Rick Tosatto	Location	Clyde City Dump	
Logged By	Michael Blair	Ground Elevation	97.57'	
Drill Rig Type	Geoprobe	Top of Casing Elevation	98.36'	



Depth ft BGS	Sample Number/Time	Recovery (In.)	Well Log	USCS	Visual Description	FID/OVA HEATED HEADSPACE
0					SAND/SILT - Brown sand & silt, loose, moist (landfill cap).	
2						
4				FILL		
6						
8						8.0'
8.25				ML	SILT - Mottled greenish gray & black silt, trace clay, moist, soft.	0.2
10		10			SAND - Black coarse-grained sand, some silt, loose, saturated.	
12				SM		N/A
14		15				N/A
15						0.2
16	CD-B03-S01-022312				SILT - Greenish black silt, trace clay, very soft, saturated.	
17	1115 hrs.			ML		N/A
18		29				0


 Well screen & sand pack
 Well riser/bentonite seal

 Bentonite Seal
 Soil Vapor Screen Interval: 6 ft. To 8 ft.

Job Name	East Sandusky S.A.	Boring No.	CD-B03	Groundwater Levels
Job No.	20405.012.001.1691.00	Well Type	CD-W03	
Date Drilled	23 Feb 12	Drilling Method	Direct Push	Depth
Drilling Co.	Buckeye Probe	Completion Depth	24.0 (ft bgs)	
Drill Foreman	Rick Tosatto	Location	Clyde City Dump	
Logged By	Michael Blair	Ground Elevation	97.57'	
Drill Rig Type	Geoprobe	Top of Casing Elevation	98.36'	



Depth ft BGS	Sample Number	Recovery (In.)	Well Log	USCS	Visual Description	FID/OVA HEATED HEADSPACE
20		24		ML	SILT - Grayish black silt, trace gravel, metal fragments. 20.0'	0
22		3		CL	CLAY - Gray clay, some silt, stiff, moist.	N/A
24					Boring terminated @ 24 ft. 24'	N/A
26						
28						
30						
32						
34						
36						


 Well screen & sand pack
 Well riser/bentonite seal

 Bentonite Seal
 Soil Vapor Screen Interval: 6 ft. To 8 ft.



Job Name	East Sandusky S.A.	Boring No.	CD-B04	Groundwater Levels	
Job No.	20405.012.001.1691.00	Well Type	CD-W04	Date	Depth
Date Drilled	23 Feb 12	Drilling Method	Direct Push		87.45
Drilling Co.	Buckeye Probe	Completion Depth	20.0 (ft bgs)		
Drill Foreman	Rick Tosatto	Location	Clyde City Dump		
Logged By	Michael Blair	Ground Elevation	96.11 ft.		
Drill Rig Type	Geoprobe	Top of Casing Elevation	100 ft.		


Depth ft BGS	Sample Number/Time	Recovery (In.)	Well Log	USCS	Visual Description	FID/OVA HEATED HEADSPACE
2				FILL	SAND/SILT - Brown sand & silt, loose, moist (landfill cap).	N/A
4				FILL		
6				FILL		
8				FILL		8.0'
8.75				FILL	FILL - Black shredded wood.	8.75'
10		30		FILL	FILL - Black trash (metal debris), silt, clay & sand, moist, soft.	N/A
10.5	CD-B04-S01-022312			FILL	Note: Material saturated beginning @ 10.5 ft.	N/A
12	1010 hrs.			FILL		12'
14		44		ML	SILT - Mottled greenish gray & black silt, trace clay, very soft, saturated.	N/A
16	CD-B04-S02-022312			ML		N/A
16.5	1015 hrs.			ML		16.5'
18		34		CL	CLAY - Brown clay, some silt, trace shale fragments, hard, moist (till).	N/A
					Boring terminated @ 20 ft.	N/A

 Well screen & sand pack
 Well riser/bentonite seal




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



WESTON SOLUTIONS, INC.				Drilling/Lithologic Log		PAGE 1 OF 1	
Job Name		East Sandusky S.A.		Boring No.	CD-B05	Groundwater Levels	
Job No.		20405.012.001.1691.00		Well Type	CD-W05	Date	Depth
Date Drilled		22 Feb 12		Drilling Method	Direct Push		87.45
Drilling Co.		Buckeye Probe		Completion Depth	16.0 (ft bgs)		
Drill Foreman		Rick Tosatto		Location	Clyde City Dump		
Logged By		Michael Blair		Ground Elevation	89.61'		
Drill Rig Type		Geoprobe		Top of Casing Elevation	91.87'		
Depth ft BGS	Sample Number/Time	Recovery (In.)	Well Log	USCS	Visual Description		FID/OVA HEATED HEADSPACE
0	CD-B05-S01-022212			CL	CLAY - Gray w/black streaks clay, some silt, little gravel, stiff, moist		2.4
2	1615 hrs.	24			FILL - Mottled gray/white/green/black silt and trash (metal, brick fragments), trace clay, stiff, moist/wet.		N/A
4					GRAVEL/SAND - Black angular gravel & coarse-grained sand, some cobble, loose, saturated.		0.2
6		8		GM			N/A
8							N/A
10		0					N/A
12							12'
14		48		CL	CLAY - Mottled brown & gray clay, some silt, some gravel, moist, hard.		0.1
16	CD-B05-S02-022212						N/A
16	1600 hrs.						16'
18					Boring terminated @ 16 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.	CD-B06	Groundwater Levels	
Job No.	20405.012.001.1691.00	Well Type	CD-B06	Date	
Date Drilled	22 Feb 12	Drilling Method	Direct Push		
Drilling Co.	Buckeye Probe	Completion Depth	8.0 (ft bgs)		
Drill Foreman	Rick Tosatto	Location	Clyde City Dump		
Logged By	Michael Blair	Ground Elevation	81.93'		
Drill Rig Type	Geoprobe	Top of Casing Elevation	84.10'		

Depth ft BGS	Sample Number	Recovery (In.)	Well Log	USCS	Visual Description	FID/OVA HEATED HEADSPACE
2		33		ML	SILT - Mottled brown & orange silt, trace clay, soft, moist	0
4	CD-B06-S01-022212 1436 hrs.					0
6		48		ML	SILT - Brown silt, some sand, loose, saturated.	0
8				CL	CLAY - Brown clay, some silt, trace gravel. Material appears to be varved (lake deposits), moist, hard.	0
10					Boring terminated @ 8.0 ft.	
12						
14						
16						
18						

 Well screen & sand pack
 Well riser/bentonite seal

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

Job Name	East Sandusky S.A.	Boring No.	CD-B07	Groundwater Levels	
Job No.	20405.012.001.1691.00	Well Type		Date	Depth
Date Drilled	23 Feb 12	Drilling Method	Direct Push		
Drilling Co.	Buckeye Probe	Completion Depth	8.0 (ft bgs)		
Drill Foreman	Rick Tosatto	Location	Clyde City Dump		
Logged By	Michael Blair	Ground Elevation			
Drill Rig Type	Geoprobe	Top of Casing Elevation			

Depth ft BGS	Sample Number/Time	Recovery (In.)	Well Log	USCS	Visual Description	FID/OVA HEATED HEADSPACE
	CD-B07-S01-022312			TS	TOPSOIL - Brown, grass, roots, moist.	0.1'
2	1635 hrs.	30		CL	CLAY - Brown clay, some silt, hard, moist.	N/A
4			Note: Color change to greenish gray, and some black organic coloring @ 3		N/A	
6		31	Note: Material appears to be varved (lake deposit) beginning @ 4.0 ft.		N/A	
8					8.0'	
10					Boring terminated @ 8.0 ft.	
12						
14						
16						
18						

Well screen & sand pack
Well riser/bentonite seal

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

APPENDIX C5
ANALYTICAL DATA VALIDATION REPORTS

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

Date: March 23, 2012

Laboratory: ALS Environmental (ALS), Holland, Michigan

Laboratory Project #: 1202723

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 18 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
BS-B01-S01-022212	1202723-01	Soil	2/22/2012	3/4/2012
BS-B02-S01-022212	1202723-02	Soil	2/22/2012	3/4/2012
BS-B03-S01-022212	1202723-03	Soil	2/22/2012	3/4/2012
BS-B03-S02-022212	1202723-04	Soil	2/22/2012	3/4/2012
CD-B05-S01-022212	1202723-05	Soil	2/22/2012	3/4/2012
CD-B05-S02-022212	1202723-06	Soil	2/22/2012	3/4/2012
CD-B06-S01-022212	1202723-07	Soil	2/22/2012	3/4/2012
CD-S01-S01-022212	1202723-08	Soil	2/22/2012	3/4/2012
CD-S01-S01-022212-DP	1202723-09	Soil	2/22/2012	3/4/2012
CD-S02-S01-022212	1202723-10	Soil	2/22/2012	3/4/2012
CD-B01-S01-022312	1202723-21	Soil	2/23/2012	3/4/2012
CD-B01-S01-022312-DP	1202723-22	Soil	2/23/2012	3/4/2012
CD-B02-S01-022312	1202723-23	Soil	2/23/2012	3/4/2012
CD-B02-S02-022312	1202723-24	Soil	2/23/2012	3/4/2012
CD-B03-S01-022312	1202723-25	Soil	2/23/2012	3/4/2012
CD-B04-S01-022312	1202723-26	Soil	2/23/2012	3/4/2012
CD-B04-S02-022312	1202723-27	Soil	2/23/2012	3/4/2012
CD-B07-S01-022312	1202723-28	Soil	2/23/2012	3/4/2012
Trip Blank	1202723-37	Soil	2/22/2012	3/4/2012

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.

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

There are two field duplicates associated with this work order: CD-S01-S01-022212-DP and CD-B01-S01-022312-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
BS-B01-S01-022212	1202723-11	Soil	2/22/2012	3/4/2012
BS-B02-S01-022212	1202723-12	Soil	2/22/2012	3/4/2012
BS-B03-S01-022212	1202723-13	Soil	2/22/2012	3/4/2012
BS-B03-S02-022212	1202723-14	Soil	2/22/2012	3/4/2012
CD-B05-S01-022212	1202723-15	Soil	2/22/2012	3/4/2012
CD-B05-S02-022212	1202723-16	Soil	2/22/2012	3/4/2012
CD-B06-S01-022212	1202723-17	Soil	2/22/2012	3/4/2012
CD-S01-S01-022212	1202723-18	Soil	2/22/2012	3/4/2012
CD-S01-S01-022212-DP	1202723-19	Soil	2/22/2012	3/4/2012

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
CD-S02-S01-022212	1202723-20	Soil	2/22/2012	3/3/2012
CD-B01-S01-022312	1202723-29	Soil	2/23/2012	3/3/2012
CD-B01-S01-022312-DP	1202723-30	Soil	2/23/2012	3/3/2012
CD-B02-S01-022312	1202723-31	Soil	2/23/2012	3/3/2012
CD-B02-S02-022312	1202723-32	Soil	2/23/2012	3/3/2012
CD-B03-S01-022312	1202723-33	Soil	2/23/2012	3/3/2012
CD-B04-S01-022312	1202723-34	Soil	2/23/2012	3/3/2012
CD-B04-S02-022312	1202723-35	Soil	2/23/2012	3/3/2012
CD-B07-S01-022312	1202723-36	Soil	2/23/2012	3/3/2012

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**

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

7. **Field Duplicate Results**

There are two field duplicates associated with this work order: CD-S01-S01-022212-DP and CD-B01-S01-022312-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
BS-B01-S01-022212	1202723-01	Soil	2/22/2012	2/27/2012	2/28/2012
BS-B02-S01-022212	1202723-02	Soil	2/22/2012	2/27/2012	2/29/2012
BS-B03-S01-022212	1202723-03	Soil	2/22/2012	2/27/2012	2/28/2012
BS-B03-S02-022212	1202723-04	Soil	2/22/2012	2/27/2012	2/28/2012
CD-B05-S01-022212	1202723-05	Soil	2/22/2012	3/1/2012	3/3/2012
CD-B05-S02-022212	1202723-06	Soil	2/22/2012	2/28/2012	3/2/2012
CD-B06-S01-022212	1202723-07	Soil	2/22/2012	2/27/2012	2/29/2012
CD-S01-S01-022212	1202723-08	Soil	2/22/2012	2/28/2012	3/5/2012
CD-S01-S01-022212-DP	1202723-09	Soil	2/22/2012	2/28/2012	3/2/2012
CD-S02-S01-022212	1202723-10	Soil	2/22/2012	2/28/2012	3/5/2012
CD-B01-S01-022312	1202723-21	Soil	2/23/2012	2/28/2012	3/5/2012
CD-B01-S01-022312-DP	1202723-22	Soil	2/23/2012	2/28/2012	3/2/2012
CD-B02-S01-022312	1202723-23	Soil	2/23/2012	2/28/2012	3/5/2012
CD-B02-S02-022312	1202723-24	Soil	2/23/2012	2/28/2012	2/29/2012
CD-B03-S01-022312	1202723-25	Soil	2/23/2012	2/28/2012	3/5/2012
CD-B04-S01-022312	1202723-26	Soil	2/23/2012	2/28/2012	3/5/2012
CD-B04-S02-022312	1202723-27	Soil	2/23/2012	2/28/2012	2/29/2012
CD-B07-S01-022312	1202723-28	Soil	2/23/2012	2/28/2012	3/5/2012

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 except for as follows. In one sample, one of the six surrogates was not detected. However, the other five surrogates had good recovery. No qualification was required.

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 slightly high in the LCS and/or LCSD. However, these compounds were not detected in the samples and no qualifications were warranted.

Some compounds (4-nitroaniline and dimethyl phthalate) were detected below the QC limit in the LCS and/or LCSD associated with sample CD-B05-S01-022212. The quantitation limits for these compounds in the affected sample only were flagged "UJ" as estimated.

6. MS and MSD Results

One site-specific MS and MSD were analyzed using sample CD-B05-S02-022212 as the spiked sample. The percent recoveries and RPDs were with QC limits except for as follows. Hexachlorocyclopentadiene and 4-nitroaniline were detected low in the MS and/or MSD. In sample CD-B05-S02-022212, the quantitation limits for hexachlorocyclopentadiene and 4-nitroaniline were flagged "UJ" as estimated due to potential matrix interference. All other compounds were within QC limits indicating little to no matrix interference in the sample overall.

7. Field Duplicate Results

There are two field duplicates associated with this work order: CD-S01-S01-022212-DP and CD-B01-S01-022312-DP. RPDs were calculated for detected SVOCs. The RPDs were all above a standard QC limit of 50 percent indicating some sample heterogeneity associated with SVOC analysis of these samples. No qualifications were applied.

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
BS-B01-S01-022212	1202723-11	Soil	2/22/2012	2/28/2012	3/2/2012
BS-B02-S01-022212	1202723-12	Soil	2/22/2012	2/28/2012	2/29/2012
BS-B03-S01-022212	1202723-13	Soil	2/22/2012	2/28/2012	3/1/2012
BS-B03-S02-022212	1202723-14	Soil	2/22/2012	2/28/2012	3/1/2012
CD-B05-S01-022212	1202723-15	Soil	2/22/2012	2/28/2012	3/1/2012
CD-B05-S02-022212	1202723-16	Soil	2/22/2012	2/28/2012	3/1/2012
CD-B06-S01-022212	1202723-17	Soil	2/22/2012	2/28/2012	3/1/2012
CD-S01-S01-022212	1202723-18	Soil	2/22/2012	2/28/2012	3/1/2012
CD-S01-S01-022212-DP	1202723-19	Soil	2/22/2012	2/28/2012	3/1/2012
CD-S02-S01-022212	1202723-20	Soil	2/22/2012	2/28/2012	3/1/2012
CD-B01-S01-022312	1202723-29	Soil	2/23/2012	2/28/2012	3/1/2012
CD-B01-S01-022312-DP	1202723-30	Soil	2/23/2012	2/28/2012	3/1/2012
CD-B02-S01-022312	1202723-31	Soil	2/23/2012	2/28/2012	3/1/2012
CD-B02-S02-022312	1202723-32	Soil	2/23/2012	2/29/2012	3/1/2012
CD-B03-S01-022312	1202723-33	Soil	2/23/2012	2/29/2012	3/1/2012
CD-B04-S01-022312	1202723-34	Soil	2/23/2012	2/29/2012	3/1/2012
CD-B04-S02-022312	1202723-35	Soil	2/23/2012	2/29/2012	3/1/2012
CD-B07-S01-022312	1202723-36	Soil	2/23/2012	2/29/2012	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 TCLP SVOC analyses. The method blanks were free of target compound contamination above the reporting limits.

4. Surrogate Results

The surrogate recoveries were within the laboratory-established QC limits except for one surrogate in one sample which was detected slightly below the QC limit. No qualifications are warranted.

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 BS-B01-S01-022212 and CD-B02-S02-022312 as the spiked samples. For the CD-B02-S02-022312 MS/MSD, the percent recoveries and RPDs were with QC limits. For the BS-B01-S01-022212 MS/MSD, pyridine was detected slightly below the QC limits in the MSD but was within the QC limits in the MS. No qualification was applied for this minor discrepancy.

7. Field Duplicate Results

There are two field duplicates associated with this work order: CD-S01-S01-022212-DP and CD-B01-S01-022312-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
BS-B01-S01-022212	1202723-01	Soil	2/22/2012	2/27/2012	2/28/2012
BS-B02-S01-022212	1202723-02	Soil	2/22/2012	2/27/2012	2/28/2012
BS-B03-S01-022212	1202723-03	Soil	2/22/2012	2/27/2012	2/28/2012
BS-B03-S02-022212	1202723-04	Soil	2/22/2012	2/27/2012	2/28/2012
CD-B05-S01-022212	1202723-05	Soil	2/22/2012	2/27/2012	2/28/2012
CD-B05-S02-022212	1202723-06	Soil	2/22/2012	2/27/2012	2/28/2012
CD-B06-S01-022212	1202723-07	Soil	2/22/2012	3/2/2012	3/4/2012
CD-S01-S01-022212	1202723-08	Soil	2/22/2012	3/2/2012	3/4/2012
CD-S01-S01-022212-DP	1202723-09	Soil	2/22/2012	3/2/2012	3/4/2012
CD-S02-S01-022212	1202723-10	Soil	2/22/2012	3/2/2012	3/4/2012
CD-B01-S01-022312	1202723-21	Soil	2/23/2012	3/2/2012	3/4/2012
CD-B01-S01-022312-DP	1202723-22	Soil	2/23/2012	3/2/2012	3/5/2012
CD-B02-S01-022312	1202723-23	Soil	2/23/2012	3/2/2012	3/5/2012
CD-B02-S02-022312	1202723-24	Soil	2/23/2012	3/2/2012	3/5/2012
CD-B03-S01-022312	1202723-25	Soil	2/23/2012	3/2/2012	3/5/2012
CD-B04-S01-022312	1202723-26	Soil	2/23/2012	3/2/2012	3/5/2012
CD-B04-S02-022312	1202723-27	Soil	2/23/2012	3/2/2012	3/5/2012
CD-B07-S01-022312	1202723-28	Soil	2/23/2012	3/2/2012	3/5/2012

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 CD-B06-S01-022212 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: CD-S01-S01-022212-DP and CD-B01-S01-022312-DP. Both field duplicate and parent samples contained a detection of Aroclor 1254. The RPDs were calculated to be 35 and 40 percent which is acceptable for field duplicates.

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
BS-B01-S01-022212	1202723-01	Soil	2/22/2012	2/27/2012	3/1/2012
BS-B02-S01-022212	1202723-02	Soil	2/22/2012	2/27/2012	3/1/2012
BS-B03-S01-022212	1202723-03	Soil	2/22/2012	2/27/2012	3/1/2012
BS-B03-S02-022212	1202723-04	Soil	2/22/2012	2/27/2012	3/1/2012
CD-B05-S01-022212	1202723-05	Soil	2/22/2012	2/27/2012	3/1/2012
CD-B05-S02-022212	1202723-06	Soil	2/22/2012	2/27/2012	3/1/2012
CD-B06-S01-022212	1202723-07	Soil	2/22/2012	3/2/2012	3/4/2012
CD-S01-S01-022212	1202723-08	Soil	2/22/2012	3/2/2012	3/4/2012
CD-S01-S01-022212-DP	1202723-09	Soil	2/22/2012	3/2/2012	3/4/2012
CD-S02-S01-022212	1202723-10	Soil	2/22/2012	3/2/2012	3/4/2012
CD-B01-S01-022312	1202723-21	Soil	2/23/2012	3/2/2012	3/4/2012
CD-B01-S01-022312-DP	1202723-22	Soil	2/23/2012	3/2/2012	3/4/2012
CD-B02-S01-022312	1202723-23	Soil	2/23/2012	3/2/2012	3/4/2012
CD-B02-S02-022312	1202723-24	Soil	2/23/2012	3/2/2012	3/4/2012
CD-B03-S01-022312	1202723-25	Soil	2/23/2012	3/2/2012	3/4/2012
CD-B04-S01-022312	1202723-26	Soil	2/23/2012	3/2/2012	3/4/2012
CD-B04-S02-022312	1202723-27	Soil	2/23/2012	3/2/2012	3/4/2012
CD-B07-S01-022312	1202723-28	Soil	2/23/2012	3/2/2012	3/4/2012

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 CD-B06-S01-022212 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: CD-S01-S01-022212-DP and CD-B01-S01-022312-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
BS-B01-S01-022212	1202723-11	Soil	2/22/2012	2/28/2012	3/2/2012
BS-B02-S01-022212	1202723-12	Soil	2/22/2012	3/1/2012	3/2/2012
BS-B03-S01-022212	1202723-13	Soil	2/22/2012	3/1/2012	3/2/2012
BS-B03-S02-022212	1202723-14	Soil	2/22/2012	3/1/2012	3/2/2012
CD-B05-S01-022212	1202723-15	Soil	2/22/2012	3/1/2012	3/2/2012
CD-B05-S02-022212	1202723-16	Soil	2/22/2012	3/1/2012	3/2/2012
CD-B06-S01-022212	1202723-17	Soil	2/22/2012	3/1/2012	3/2/2012
CD-S01-S01-022212	1202723-18	Soil	2/22/2012	3/1/2012	3/2/2012
CD-S01-S01-022212-DP	1202723-19	Soil	2/22/2012	3/1/2012	3/2/2012
CD-S02-S01-022212	1202723-20	Soil	2/22/2012	3/1/2012	3/2/2012
CD-B01-S01-022312	1202723-29	Soil	2/23/2012	3/1/2012	3/2/2012
CD-B01-S01-022312-DP	1202723-30	Soil	2/23/2012	3/1/2012	3/2/2012
CD-B02-S01-022312	1202723-31	Soil	2/23/2012	3/1/2012	3/2/2012
CD-B02-S02-022312	1202723-32	Soil	2/23/2012	3/1/2012	3/2/2012

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
CD-B03-S01-022312	1202723-33	Soil	2/23/2012	3/1/2012	3/2/2012
CD-B04-S01-022312	1202723-34	Soil	2/23/2012	3/1/2012	3/2/2012
CD-B04-S02-022312	1202723-35	Soil	2/23/2012	3/1/2012	3/2/2012
CD-B07-S01-022312	1202723-36	Soil	2/23/2012	3/1/2012	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 BS-B02-S01-022212 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: CD-S01-S01-022212-DP and CD-B01-S01-022312-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
BS-B01-S01-022212	1202723-01	Soil	2/22/2012	2/28/2012	2/29/2012
BS-B02-S01-022212	1202723-02	Soil	2/22/2012	2/28/2012	2/29/2012
BS-B03-S01-022212	1202723-03	Soil	2/22/2012	2/28/2012	2/29/2012
BS-B03-S02-022212	1202723-04	Soil	2/22/2012	2/28/2012	2/29/2012
CD-B05-S01-022212	1202723-05	Soil	2/22/2012	2/28/2012	2/29/2012
CD-B05-S02-022212	1202723-06	Soil	2/22/2012	2/28/2012	2/29/2012
CD-B06-S01-022212	1202723-07	Soil	2/22/2012	2/28/2012	2/29/2012
CD-S01-S01-022212	1202723-08	Soil	2/22/2012	2/28/2012	2/29/2012
CD-S01-S01-022212-DP	1202723-09	Soil	2/22/2012	2/28/2012	2/29/2012
CD-S02-S01-022212	1202723-10	Soil	2/22/2012	2/28/2012	2/29/2012
CD-B01-S01-022312	1202723-21	Soil	2/23/2012	2/28/2012	2/29/2012
CD-B01-S01-022312-DP	1202723-22	Soil	2/23/2012	2/28/2012	2/29/2012
CD-B02-S01-022312	1202723-23	Soil	2/23/2012	3/2/2012	3/5/2012
CD-B02-S02-022312	1202723-24	Soil	2/23/2012	3/2/2012	3/5/2012
CD-B03-S01-022312	1202723-25	Soil	2/23/2012	3/2/2012	3/5/2012
CD-B04-S01-022312	1202723-26	Soil	2/23/2012	3/2/2012	3/5/2012
CD-B04-S02-022312	1202723-27	Soil	2/23/2012	3/2/2012	3/5/2012
CD-B07-S01-022312	1202723-28	Soil	2/23/2012	3/2/2012	3/5/2012

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 CD-B02-S01-022312 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: CD-S01-S01-022212-DP and CD-B01-S01-022312-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
BS-B01-S01-022212	1202723-11	Soil	2/22/2012	3/1/2012	3/5/2012
BS-B02-S01-022212	1202723-12	Soil	2/22/2012	3/1/2012	3/5/2012
BS-B03-S01-022212	1202723-13	Soil	2/22/2012	3/1/2012	3/5/2012
BS-B03-S02-022212	1202723-14	Soil	2/22/2012	3/1/2012	3/5/2012
CD-B05-S01-022212	1202723-15	Soil	2/22/2012	3/1/2012	3/5/2012
CD-B05-S02-022212	1202723-16	Soil	2/22/2012	3/1/2012	3/5/2012
CD-B06-S01-022212	1202723-17	Soil	2/22/2012	3/1/2012	3/5/2012
CD-S01-S01-022212	1202723-18	Soil	2/22/2012	3/1/2012	3/5/2012
CD-S01-S01-022212-DP	1202723-19	Soil	2/22/2012	3/1/2012	3/5/2012
CD-S02-S01-022212	1202723-20	Soil	2/22/2012	3/1/2012	3/5/2012
CD-B01-S01-022312	1202723-29	Soil	2/23/2012	3/1/2012	3/5/2012
CD-B01-S01-022312-DP	1202723-30	Soil	2/23/2012	3/1/2012	3/5/2012
CD-B02-S01-022312	1202723-31	Soil	2/23/2012	3/1/2012	3/5/2012

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
CD-B02-S02-022312	1202723-32	Soil	2/23/2012	3/1/2012	3/5/2012
CD-B03-S01-022312	1202723-33	Soil	2/23/2012	3/1/2012	3/5/2012
CD-B04-S01-022312	1202723-34	Soil	2/23/2012	3/1/2012	3/5/2012
CD-B04-S02-022312	1202723-35	Soil	2/23/2012	3/1/2012	3/5/2012
CD-B07-S01-022312	1202723-36	Soil	2/23/2012	3/1/2012	3/5/2012

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 CD-B06-S01-022212 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: CD-S01-S01-022212-DP and CD-B01-S01-022312-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
BS-B01-S01-022212	1202723-01	Soil	2/22/2012	2/28/2012 – 3/5/2012
BS-B02-S01-022212	1202723-02	Soil	2/22/2012	2/28/2012 – 3/5/2012
BS-B03-S01-022212	1202723-03	Soil	2/22/2012	2/28/2012 – 3/5/2012
BS-B03-S02-022212	1202723-04	Soil	2/22/2012	2/28/2012 – 3/5/2012
CD-B05-S01-022212	1202723-05	Soil	2/22/2012	2/29/2012 – 3/5/2012
CD-B05-S02-022212	1202723-06	Soil	2/22/2012	2/29/2012 – 3/5/2012
CD-B06-S01-022212	1202723-07	Soil	2/22/2012	2/29/2012 – 3/5/2012
CD-S01-S01-022212	1202723-08	Soil	2/22/2012	2/29/2012 – 3/5/2012
CD-S01-S01-022212-DP	1202723-09	Soil	2/22/2012	2/29/2012 – 3/5/2012
CD-S02-S01-022212	1202723-10	Soil	2/22/2012	2/29/2012 – 3/5/2012
CD-B01-S01-022312	1202723-21	Soil	2/23/2012	2/29/2012 – 3/5/2012
CD-B01-S01-022312-DP	1202723-22	Soil	2/23/2012	2/29/2012 – 3/5/2012
CD-B02-S01-022312	1202723-23	Soil	2/23/2012	2/29/2012 – 3/2/2012
CD-B02-S02-022312	1202723-24	Soil	2/23/2012	2/29/2012 – 3/4/2012
CD-B03-S01-022312	1202723-25	Soil	2/23/2012	2/29/2012 – 3/4/2012
CD-B04-S01-022312	1202723-26	Soil	2/23/2012	2/29/2012 – 3/4/2012
CD-B04-S02-022312	1202723-27	Soil	2/23/2012	2/29/2012 – 3/4/2012
CD-B07-S01-022312	1202723-28	Soil	2/23/2012	2/29/2012 – 3/4/2012

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 not analyzed with this work order. Therefore, matrix interferences could not be evaluated using the MS and MSD samples. No qualifications are necessary.

6. Field Duplicate Results

There are two field duplicates associated with this work order: CD-S01-S01-022212-DP and CD-B01-S01-022312-DP. The RPDs were calculated for detected metals.

For field duplicate CD-S01-S01-022212-DP, the RPDs ranged from 0 to 112 percent. Seven of the RPDs exceeded a standard QC limit of 50 RPD or less. There appears to be some sample heterogeneity associated with metals in this soil sample.

For field duplicate CD-B01-S01-022312-DP, the RPDs ranged from 0 to 58 percent. Two of the RPDs exceeded a standard QC limit of 50 RPD or less. In general, correlation between the field duplicate and parent sample was acceptable in this soil sample.

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
BS-B01-S01-022212	1202723-11	Soil	2/22/2012	2/29/2012
BS-B02-S01-022212	1202723-12	Soil	2/22/2012	2/29/2012
BS-B03-S01-022212	1202723-13	Soil	2/22/2012	2/29/2012
BS-B03-S02-022212	1202723-14	Soil	2/22/2012	2/29/2012
CD-B05-S01-022212	1202723-15	Soil	2/22/2012	2/29/2012 – 3/1/2012
CD-B05-S02-022212	1202723-16	Soil	2/22/2012	2/29/2012
CD-B06-S01-022212	1202723-17	Soil	2/22/2012	2/29/2012
CD-S01-S01-022212	1202723-18	Soil	2/22/2012	2/29/2012
CD-S01-S01-022212-DP	1202723-19	Soil	2/22/2012	2/29/2012
CD-S02-S01-022212	1202723-20	Soil	2/22/2012	2/29/2012 – 3/4/2012
CD-B01-S01-022312	1202723-29	Soil	2/23/2012	2/29/2012 – 3/5/2012
CD-B01-S01-022312-DP	1202723-30	Soil	2/23/2012	2/29/2012 – 3/5/2012
CD-B02-S01-022312	1202723-31	Soil	2/23/2012	2/29/2012 – 3/4/2012
CD-B02-S02-022312	1202723-32	Soil	2/23/2012	2/29/2012 – 3/5/2012
CD-B03-S01-022312	1202723-33	Soil	2/23/2012	2/29/2012 – 3/5/2012
CD-B04-S01-022312	1202723-34	Soil	2/23/2012	2/29/2012 – 3/5/2012
CD-B04-S02-022312	1202723-35	Soil	2/23/2012	2/29/2012 – 3/5/2012
CD-B07-S01-022312	1202723-36	Soil	2/23/2012	2/29/2012 – 3/5/2012

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

A site-specific MS and MSD were not analyzed with this work order. Therefore, matrix interferences could not be evaluated using the MS and MSD samples. No qualifications are necessary.

6. Field Duplicate Results

There are two field duplicates associated with this work order: CD-S01-S01-022212-DP and CD-B01-S01-022312-DP. The RPDs were calculated for detected metals.

For field duplicate CD-S01-S01-022212-DP, the RPDs ranged from 29 to 46 percent which is within a standard QC limit of 50 RPD or less. In general, correlation between the field duplicate and parent sample was acceptable in this soil sample for TCLP metals.

For field duplicate CD-B01-S01-022312-DP, the RPDs ranged from 4 to 103 percent. One of the RPDs exceeded a standard QC limit of 50 RPD or less. In general, correlation between the field duplicate and parent sample was acceptable in this soil sample for TCLPL metals.

7. Overall Assessment

The TCLP metals data are acceptable for use 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
BS-B01-S01-022212	1202723-01	Soil	2/22/2012	3/2/2012
BS-B02-S01-022212	1202723-02	Soil	2/22/2012	3/2/2012
BS-B03-S01-022212	1202723-03	Soil	2/22/2012	3/2/2012
BS-B03-S02-022212	1202723-04	Soil	2/22/2012	3/2/2012
CD-B05-S01-022212	1202723-05	Soil	2/22/2012	3/2/2012
CD-B05-S02-022212	1202723-06	Soil	2/22/2012	3/2/2012
CD-B06-S01-022212	1202723-07	Soil	2/22/2012	3/2/2012
CD-S01-S01-022212	1202723-08	Soil	2/22/2012	3/2/2012
CD-S01-S01-022212-DP	1202723-09	Soil	2/22/2012	3/2/2012
CD-S02-S01-022212	1202723-10	Soil	2/22/2012	3/2/2012
CD-B01-S01-022312	1202723-21	Soil	2/23/2012	3/2/2012
CD-B01-S01-022312-DP	1202723-22	Soil	2/23/2012	3/2/2012
CD-B02-S01-022312	1202723-23	Soil	2/23/2012	3/2/2012
CD-B02-S02-022312	1202723-24	Soil	2/23/2012	3/2/2012
CD-B03-S01-022312	1202723-25	Soil	2/23/2012	3/2/2012
CD-B04-S01-022312	1202723-26	Soil	2/23/2012	3/2/2012
CD-B04-S02-022312	1202723-27	Soil	2/23/2012	3/2/2012
CD-B07-S01-022312	1202723-28	Soil	2/23/2012	3/2/2012

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 #: 1202723

5. MS and MSD Results

One site-specific MS and MSD were analyzed using sample BS-B03-S01-022212 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 BS-B03-S01-022212 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 #: 1202723

ATTACHMENT

**ALS ENVIRONMENTAL
RESULTS SUMMARY WITH QUALIFIERS**

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
WorkOrder: 1202723

**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: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B01-S01-022212

Lab ID: 1202723-01

Collection Date: 02/22/12 09:30 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		0.0058	mg/Kg-dry	1	02/29/12 08:57 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/29/12 08:57 PM
2,4-D	ND		0.0058	mg/Kg-dry	1	02/29/12 08:57 PM
Surr: DCAA	76.2		30-150	%REC	1	02/29/12 08:57 PM
PCBS			SW8082		Prep Date: 02/27/12	Analyst: JD
Aroclor 1016	ND		0.046	mg/Kg-dry	1	02/28/12 09:27 PM
Aroclor 1221	ND		0.046	mg/Kg-dry	1	02/28/12 09:27 PM
Aroclor 1232	ND		0.046	mg/Kg-dry	1	02/28/12 09:27 PM
Aroclor 1242	ND		0.046	mg/Kg-dry	1	02/28/12 09:27 PM
Aroclor 1248	ND		0.046	mg/Kg-dry	1	02/28/12 09:27 PM
Aroclor 1254	0.19		0.046	mg/Kg-dry	1	02/28/12 09:27 PM
Aroclor 1260	ND		0.046	mg/Kg-dry	1	02/28/12 09:27 PM
Surr: Decachlorobiphenyl	92.1		40-140	%REC	1	02/28/12 09:27 PM
PESTICIDES			SW8081		Prep Date: 02/27/12	Analyst: JD
4,4'-DDD	ND		0.12	mg/Kg-dry	10	03/01/12 10:16 PM
4,4'-DDE	ND		0.12	mg/Kg-dry	10	03/01/12 10:16 PM
4,4'-DDT	ND		0.12	mg/Kg-dry	10	03/01/12 10:16 PM
Aldrin	ND		0.12	mg/Kg-dry	10	03/01/12 10:16 PM
alpha-BHC	ND		0.12	mg/Kg-dry	10	03/01/12 10:16 PM
alpha-Chlordane	ND		0.12	mg/Kg-dry	10	03/01/12 10:16 PM
beta-BHC	ND		0.12	mg/Kg-dry	10	03/01/12 10:16 PM
Chlordane, Technical	ND		0.29	mg/Kg-dry	10	03/01/12 10:16 PM
delta-BHC	ND		0.12	mg/Kg-dry	10	03/01/12 10:16 PM
Dieldrin	ND		0.12	mg/Kg-dry	10	03/01/12 10:16 PM
Endosulfan I	ND		0.12	mg/Kg-dry	10	03/01/12 10:16 PM
Endosulfan II	ND		0.12	mg/Kg-dry	10	03/01/12 10:16 PM
Endosulfan sulfate	ND		0.12	mg/Kg-dry	10	03/01/12 10:16 PM
Endrin	ND		0.12	mg/Kg-dry	10	03/01/12 10:16 PM
Endrin aldehyde	ND		0.12	mg/Kg-dry	10	03/01/12 10:16 PM
Endrin ketone	ND		0.12	mg/Kg-dry	10	03/01/12 10:16 PM
gamma-BHC (Lindane)	ND		0.12	mg/Kg-dry	10	03/01/12 10:16 PM
gamma-Chlordane	ND		0.12	mg/Kg-dry	10	03/01/12 10:16 PM
Heptachlor	ND		0.12	mg/Kg-dry	10	03/01/12 10:16 PM
Heptachlor epoxide	ND		0.12	mg/Kg-dry	10	03/01/12 10:16 PM
Methoxychlor	ND		0.12	mg/Kg-dry	10	03/01/12 10:16 PM
Toxaphene	ND		0.70	mg/Kg-dry	10	03/01/12 10:16 PM
Surr: Decachlorobiphenyl	90.1		45-135	%REC	10	03/01/12 10:16 PM
Surr: Tetrachloro-m-xylene	90.1		45-124	%REC	10	03/01/12 10:16 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B01-S01-022212

Lab ID: 1202723-01

Collection Date: 02/22/12 09:30 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	0.24		0.021	mg/Kg-dry	1	02/28/12 06:06 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/27/12	Analyst: RH
Aluminum	9,000		30	mg/Kg-dry	40	03/04/12 02:34 PM
Antimony	2.1		1.5	mg/Kg-dry	4	03/01/12 07:38 PM
Arsenic	7.6		1.5	mg/Kg-dry	4	03/01/12 07:38 PM
Barium	200		1.5	mg/Kg-dry	4	03/01/12 07:38 PM
Beryllium	ND		6.1	mg/Kg-dry	40	03/04/12 02:34 PM
Boron	ND		61	mg/Kg-dry	40	03/05/12 01:40 PM
Cadmium	1.2		0.61	mg/Kg-dry	4	03/01/12 07:38 PM
Calcium	62,000		1,500	mg/Kg-dry	40	03/04/12 02:34 PM
Chromium	14		1.5	mg/Kg-dry	4	03/01/12 07:38 PM
Cobalt	6.8		1.5	mg/Kg-dry	4	03/01/12 07:38 PM
Copper	28		1.5	mg/Kg-dry	4	03/01/12 07:38 PM
Iron	14,000		24	mg/Kg-dry	4	03/01/12 07:38 PM
Lead	280		1.5	mg/Kg-dry	4	03/01/12 07:38 PM
Magnesium	20,000		61	mg/Kg-dry	4	03/01/12 07:38 PM
Manganese	890		15	mg/Kg-dry	40	03/04/12 02:34 PM
Nickel	17		1.5	mg/Kg-dry	4	03/01/12 07:38 PM
Potassium	1,200		610	mg/Kg-dry	40	03/04/12 02:34 PM
Selenium	ND		1.5	mg/Kg-dry	4	03/01/12 07:38 PM
Silver	ND		1.5	mg/Kg-dry	4	03/01/12 07:38 PM
Sodium	120		61	mg/Kg-dry	4	03/01/12 07:38 PM
Thallium	ND		1.5	mg/Kg-dry	4	03/01/12 07:38 PM
Vanadium	19		1.5	mg/Kg-dry	4	03/01/12 07:38 PM
Zinc	190		3.0	mg/Kg-dry	4	03/01/12 07:38 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,1'-Biphenyl	ND		3.8	mg/Kg-dry	10	02/28/12 10:07 PM
2,4,5-Trichlorophenol	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
2,4,6-Trichlorophenol	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
2,4-Dichlorophenol	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
2,4-Dimethylphenol	ND		3.8	mg/Kg-dry	10	02/28/12 10:07 PM
2,4-Dinitrophenol	ND		7.7	mg/Kg-dry	10	02/28/12 10:07 PM
2,4-Dinitrotoluene	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
2,6-Dinitrotoluene	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
2-Chloronaphthalene	ND		0.93	mg/Kg-dry	10	02/28/12 10:07 PM
2-Chlorophenol	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
2-Methylnaphthalene	ND		0.93	mg/Kg-dry	10	02/28/12 10:07 PM
2-Methylphenol	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B01-S01-022212

Lab ID: 1202723-01

Collection Date: 02/22/12 09:30 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		7.7	mg/Kg-dry	10	02/28/12 10:07 PM
2-Nitrophenol	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
3,3'-Dichlorobenzidine	ND		7.7	mg/Kg-dry	10	02/28/12 10:07 PM
3-Nitroaniline	ND		7.7	mg/Kg-dry	10	02/28/12 10:07 PM
4,6-Dinitro-2-methylphenol	ND		3.8	mg/Kg-dry	10	02/28/12 10:07 PM
4-Bromophenyl phenyl ether	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
4-Chloro-3-methylphenol	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
4-Chloroaniline	ND		7.7	mg/Kg-dry	10	02/28/12 10:07 PM
4-Chlorophenyl phenyl ether	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
4-Methylphenol	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
4-Nitroaniline	ND		7.7	mg/Kg-dry	10	02/28/12 10:07 PM
4-Nitrophenol	ND		7.7	mg/Kg-dry	10	02/28/12 10:07 PM
Acenaphthene	ND		0.35	mg/Kg-dry	10	02/28/12 10:07 PM
Acenaphthylene	ND		0.35	mg/Kg-dry	10	02/28/12 10:07 PM
Acetophenone	ND		3.8	mg/Kg-dry	10	02/28/12 10:07 PM
Anthracene	ND		0.35	mg/Kg-dry	10	02/28/12 10:07 PM
Atrazine	ND		3.8	mg/Kg-dry	10	02/28/12 10:07 PM
Benzaldehyde	ND		3.8	mg/Kg-dry	10	02/28/12 10:07 PM
Benzo(a)anthracene	0.60		0.35	mg/Kg-dry	10	02/28/12 10:07 PM
Benzo(a)pyrene	0.57		0.35	mg/Kg-dry	10	02/28/12 10:07 PM
Benzo(b)fluoranthene	1.0		0.35	mg/Kg-dry	10	02/28/12 10:07 PM
Benzo(g,h,i)perylene	ND		0.35	mg/Kg-dry	10	02/28/12 10:07 PM
Benzo(k)fluoranthene	ND		0.35	mg/Kg-dry	10	02/28/12 10:07 PM
Bis(2-chloroethoxy)methane	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
Bis(2-chloroethyl)ether	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
Bis(2-chloroisopropyl)ether	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
Bis(2-ethylhexyl)phthalate	4.6		3.8	mg/Kg-dry	10	02/28/12 10:07 PM
Butyl benzyl phthalate	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
Caprolactam	ND		3.8	mg/Kg-dry	10	02/28/12 10:07 PM
Carbazole	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
Chrysene	0.60		0.35	mg/Kg-dry	10	02/28/12 10:07 PM
Dibenzo(a,h)anthracene	ND		0.35	mg/Kg-dry	10	02/28/12 10:07 PM
Dibenzofuran	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
Diethyl phthalate	ND		3.8	mg/Kg-dry	10	02/28/12 10:07 PM
Dimethyl phthalate	ND		3.8	mg/Kg-dry	10	02/28/12 10:07 PM
Di-n-butyl phthalate	ND		3.8	mg/Kg-dry	10	02/28/12 10:07 PM
Di-n-octyl phthalate	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
Fluoranthene	1.2		0.35	mg/Kg-dry	10	02/28/12 10:07 PM
Fluorene	ND		0.35	mg/Kg-dry	10	02/28/12 10:07 PM
Hexachlorobenzene	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B01-S01-022212

Lab ID: 1202723-01

Collection Date: 02/22/12 09:30 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
Hexachlorocyclopentadiene	ND		3.8	mg/Kg-dry	10	02/28/12 10:07 PM
Hexachloroethane	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
Indeno(1,2,3-cd)pyrene	ND		0.35	mg/Kg-dry	10	02/28/12 10:07 PM
Isophorone	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
Naphthalene	ND		0.35	mg/Kg-dry	10	02/28/12 10:07 PM
Nitrobenzene	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
N-Nitrosodi-n-propylamine	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
N-Nitrosodiphenylamine	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
Pentachlorophenol	ND		3.8	mg/Kg-dry	10	02/28/12 10:07 PM
Phenanthrene	0.77		0.35	mg/Kg-dry	10	02/28/12 10:07 PM
Phenol	ND		1.9	mg/Kg-dry	10	02/28/12 10:07 PM
Pyrene	1.1		0.35	mg/Kg-dry	10	02/28/12 10:07 PM
Surr: 2,4,6-Tribromophenol	104		34-140	%REC	10	02/28/12 10:07 PM
Surr: 2-Fluorobiphenyl	82.2		12-100	%REC	10	02/28/12 10:07 PM
Surr: 2-Fluorophenol	78.2		33-117	%REC	10	02/28/12 10:07 PM
Surr: 4-Terphenyl-d14	115		25-137	%REC	10	02/28/12 10:07 PM
Surr: Nitrobenzene-d5	74.4		37-107	%REC	10	02/28/12 10:07 PM
Surr: Phenol-d6	79.8		40-106	%REC	10	02/28/12 10:07 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: AK

1,1,1-Trichloroethane	ND		0.060	mg/Kg-dry	50	03/04/12 04:00 AM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	03/04/12 04:00 AM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	03/04/12 04:00 AM
1,1,2-Trichlorotrifluoroethane	ND		0.060	mg/Kg-dry	50	03/04/12 04:00 AM
1,1-Dichloroethane	ND		0.060	mg/Kg-dry	50	03/04/12 04:00 AM
1,1-Dichloroethene	ND		0.060	mg/Kg-dry	50	03/04/12 04:00 AM
1,2,4-Trichlorobenzene	ND		0.060	mg/Kg-dry	50	03/04/12 04:00 AM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	03/04/12 04:00 AM
1,2-Dibromoethane	ND		0.090	mg/Kg-dry	50	03/04/12 04:00 AM
1,2-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	03/04/12 04:00 AM
1,2-Dichloroethane	ND		0.060	mg/Kg-dry	50	03/04/12 04:00 AM
1,2-Dichloropropane	ND		0.21	mg/Kg-dry	50	03/04/12 04:00 AM
1,3-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	03/04/12 04:00 AM
1,4-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	03/04/12 04:00 AM
2-Butanone	ND		0.45	mg/Kg-dry	50	03/04/12 04:00 AM
2-Hexanone	ND		0.30	mg/Kg-dry	50	03/04/12 04:00 AM
4-Methyl-2-pentanone	ND		0.30	mg/Kg-dry	50	03/04/12 04:00 AM
Acetone	ND		0.27	mg/Kg-dry	50	03/04/12 04:00 AM
Benzene	ND		0.060	mg/Kg-dry	50	03/04/12 04:00 AM
Bromodichloromethane	ND		0.090	mg/Kg-dry	50	03/04/12 04:00 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B01-S01-022212

Lab ID: 1202723-01

Collection Date: 02/22/12 09:30 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.060	mg/Kg-dry	50	03/04/12 04:00 AM
Bromomethane	ND		0.090	mg/Kg-dry	50	03/04/12 04:00 AM
Carbon disulfide	ND		0.090	mg/Kg-dry	50	03/04/12 04:00 AM
Carbon tetrachloride	ND		0.060	mg/Kg-dry	50	03/04/12 04:00 AM
Chlorobenzene	ND		0.090	mg/Kg-dry	50	03/04/12 04:00 AM
Chloroethane	ND		0.18	mg/Kg-dry	50	03/04/12 04:00 AM
Chloroform	ND		0.060	mg/Kg-dry	50	03/04/12 04:00 AM
Chloromethane	ND		0.18	mg/Kg-dry	50	03/04/12 04:00 AM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	03/04/12 04:00 AM
cis-1,3-Dichloropropene	ND		0.060	mg/Kg-dry	50	03/04/12 04:00 AM
Cyclohexane	ND		0.060	mg/Kg-dry	50	03/04/12 04:00 AM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	03/04/12 04:00 AM
Dichlorodifluoromethane	ND		0.060	mg/Kg-dry	50	03/04/12 04:00 AM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	03/04/12 04:00 AM
Isopropylbenzene	ND		0.060	mg/Kg-dry	50	03/04/12 04:00 AM
Methyl acetate	ND		0.36	mg/Kg-dry	50	03/04/12 04:00 AM
Methyl tert-butyl ether	ND		0.090	mg/Kg-dry	50	03/04/12 04:00 AM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	03/04/12 04:00 AM
Methylene chloride	ND		0.18	mg/Kg-dry	50	03/04/12 04:00 AM
Styrene	ND		0.090	mg/Kg-dry	50	03/04/12 04:00 AM
Tetrachloroethene	ND		0.060	mg/Kg-dry	50	03/04/12 04:00 AM
Toluene	ND		0.090	mg/Kg-dry	50	03/04/12 04:00 AM
trans-1,2-Dichloroethene	ND		0.060	mg/Kg-dry	50	03/04/12 04:00 AM
trans-1,3-Dichloropropene	ND		0.090	mg/Kg-dry	50	03/04/12 04:00 AM
Trichloroethene	ND		0.060	mg/Kg-dry	50	03/04/12 04:00 AM
Trichlorofluoromethane	ND		0.060	mg/Kg-dry	50	03/04/12 04:00 AM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	03/04/12 04:00 AM
Xylenes, Total	ND		0.18	mg/Kg-dry	50	03/04/12 04:00 AM
Surr: 1,2-Dichloroethane-d4	99.8		70-120	%REC	50	03/04/12 04:00 AM
Surr: 4-Bromofluorobenzene	98.4		75-120	%REC	50	03/04/12 04:00 AM
Surr: Dibromofluoromethane	94.6		85-115	%REC	50	03/04/12 04:00 AM
Surr: Toluene-d8	99.3		85-115	%REC	50	03/04/12 04:00 AM

CHROMIUM, HEXAVALENT

Chromium, Hexavalent ND 0.60 mg/Kg-dry 1 Prep Date: 02/28/12 Analyst: MB 03/02/12 03:30 PM

MOISTURE

Moisture 16 A2540 G 0.050 % of sample 1 Analyst: CG 02/27/12 03:45 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B02-S01-022212

Lab ID: 1202723-02

Collection Date: 02/22/12 10:25 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		0.0063	mg/Kg-dry	1	02/29/12 09:06 PM
2,4,5-TP (Silvex)	ND		0.013	mg/Kg-dry	1	02/29/12 09:06 PM
2,4-D	ND		0.0063	mg/Kg-dry	1	02/29/12 09:06 PM
Surr: DCAA	84.6		30-150	%REC	1	02/29/12 09:06 PM
PCBS			SW8082		Prep Date: 02/27/12	Analyst: JD
Aroclor 1016	ND		0.050	mg/Kg-dry	1	02/28/12 09:46 PM
Aroclor 1221	ND		0.050	mg/Kg-dry	1	02/28/12 09:46 PM
Aroclor 1232	ND		0.050	mg/Kg-dry	1	02/28/12 09:46 PM
Aroclor 1242	ND		0.050	mg/Kg-dry	1	02/28/12 09:46 PM
Aroclor 1248	ND		0.050	mg/Kg-dry	1	02/28/12 09:46 PM
Aroclor 1254	ND		0.050	mg/Kg-dry	1	02/28/12 09:46 PM
Aroclor 1260	ND		0.050	mg/Kg-dry	1	02/28/12 09:46 PM
Surr: Decachlorobiphenyl	78.1		40-140	%REC	1	02/28/12 09:46 PM
PESTICIDES			SW8081		Prep Date: 02/27/12	Analyst: JD
4,4'-DDD	ND		0.062	mg/Kg-dry	5	03/01/12 10:31 PM
4,4'-DDE	ND		0.062	mg/Kg-dry	5	03/01/12 10:31 PM
4,4'-DDT	ND		0.062	mg/Kg-dry	5	03/01/12 10:31 PM
Aldrin	ND		0.062	mg/Kg-dry	5	03/01/12 10:31 PM
alpha-BHC	ND		0.062	mg/Kg-dry	5	03/01/12 10:31 PM
alpha-Chlordane	ND		0.062	mg/Kg-dry	5	03/01/12 10:31 PM
beta-BHC	ND		0.062	mg/Kg-dry	5	03/01/12 10:31 PM
Chlordane, Technical	ND		0.16	mg/Kg-dry	5	03/01/12 10:31 PM
delta-BHC	ND		0.062	mg/Kg-dry	5	03/01/12 10:31 PM
Dieldrin	ND		0.062	mg/Kg-dry	5	03/01/12 10:31 PM
Endosulfan I	ND		0.062	mg/Kg-dry	5	03/01/12 10:31 PM
Endosulfan II	ND		0.062	mg/Kg-dry	5	03/01/12 10:31 PM
Endosulfan sulfate	ND		0.062	mg/Kg-dry	5	03/01/12 10:31 PM
Endrin	ND		0.062	mg/Kg-dry	5	03/01/12 10:31 PM
Endrin aldehyde	ND		0.062	mg/Kg-dry	5	03/01/12 10:31 PM
Endrin ketone	ND		0.062	mg/Kg-dry	5	03/01/12 10:31 PM
gamma-BHC (Lindane)	ND		0.062	mg/Kg-dry	5	03/01/12 10:31 PM
gamma-Chlordane	ND		0.062	mg/Kg-dry	5	03/01/12 10:31 PM
Heptachlor	ND		0.062	mg/Kg-dry	5	03/01/12 10:31 PM
Heptachlor epoxide	ND		0.062	mg/Kg-dry	5	03/01/12 10:31 PM
Methoxychlor	ND		0.062	mg/Kg-dry	5	03/01/12 10:31 PM
Toxaphene	ND		0.37	mg/Kg-dry	5	03/01/12 10:31 PM
Surr: Decachlorobiphenyl	75.1		45-135	%REC	5	03/01/12 10:31 PM
Surr: Tetrachloro-m-xylene	85.1		45-124	%REC	5	03/01/12 10:31 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B02-S01-022212

Lab ID: 1202723-02

Collection Date: 02/22/12 10:25 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	0.025		0.021	mg/Kg-dry	1	02/28/12 06:08 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/27/12	Analyst: RH
Aluminum	13,000		35	mg/Kg-dry	40	03/04/12 02:38 PM
Antimony	ND		1.7	mg/Kg-dry	4	03/01/12 07:43 PM
Arsenic	11		1.7	mg/Kg-dry	4	03/01/12 07:43 PM
Barium	54		1.7	mg/Kg-dry	4	03/01/12 07:43 PM
Beryllium	ND		6.9	mg/Kg-dry	40	03/04/12 02:38 PM
Boron	ND		69	mg/Kg-dry	40	03/05/12 01:45 PM
Cadmium	ND		0.69	mg/Kg-dry	4	03/01/12 07:43 PM
Calcium	30,000		170	mg/Kg-dry	4	03/01/12 07:43 PM
Chromium	14		1.7	mg/Kg-dry	4	03/01/12 07:43 PM
Cobalt	11		1.7	mg/Kg-dry	4	03/01/12 07:43 PM
Copper	43		1.7	mg/Kg-dry	4	03/01/12 07:43 PM
Iron	24,000		28	mg/Kg-dry	4	03/01/12 07:43 PM
Lead	26		1.7	mg/Kg-dry	4	03/01/12 07:43 PM
Magnesium	11,000		69	mg/Kg-dry	4	03/01/12 07:43 PM
Manganese	320		1.7	mg/Kg-dry	4	03/01/12 07:43 PM
Nickel	27		1.7	mg/Kg-dry	4	03/01/12 07:43 PM
Potassium	2,100		690	mg/Kg-dry	40	03/04/12 02:38 PM
Selenium	ND		1.7	mg/Kg-dry	4	03/01/12 07:43 PM
Silver	ND		1.7	mg/Kg-dry	4	03/01/12 07:43 PM
Sodium	ND		69	mg/Kg-dry	4	03/01/12 07:43 PM
Thallium	ND		1.7	mg/Kg-dry	4	03/01/12 07:43 PM
Vanadium	24		1.7	mg/Kg-dry	4	03/01/12 07:43 PM
Zinc	82		3.5	mg/Kg-dry	4	03/01/12 07:43 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/27/12	Analyst: HL
1,1'-Biphenyl	ND		0.42	mg/Kg-dry	1	02/29/12 08:44 PM
2,4,5-Trichlorophenol	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
2,4,6-Trichlorophenol	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
2,4-Dichlorophenol	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
2,4-Dimethylphenol	ND		0.42	mg/Kg-dry	1	02/29/12 08:44 PM
2,4-Dinitrophenol	ND		0.84	mg/Kg-dry	1	02/29/12 08:44 PM
2,4-Dinitrotoluene	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
2,6-Dinitrotoluene	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
2-Chloronaphthalene	ND		0.10	mg/Kg-dry	1	02/29/12 08:44 PM
2-Chlorophenol	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
2-Methylnaphthalene	0.12		0.10	mg/Kg-dry	1	02/29/12 08:44 PM
2-Methylphenol	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B02-S01-022212

Lab ID: 1202723-02

Collection Date: 02/22/12 10:25 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.84	mg/Kg-dry	1	02/29/12 08:44 PM
2-Nitrophenol	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
3,3'-Dichlorobenzidine	ND		0.84	mg/Kg-dry	1	02/29/12 08:44 PM
3-Nitroaniline	ND		0.84	mg/Kg-dry	1	02/29/12 08:44 PM
4,6-Dinitro-2-methylphenol	ND		0.42	mg/Kg-dry	1	02/29/12 08:44 PM
4-Bromophenyl phenyl ether	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
4-Chloro-3-methylphenol	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
4-Chloroaniline	ND		0.84	mg/Kg-dry	1	02/29/12 08:44 PM
4-Chlorophenyl phenyl ether	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
4-Methylphenol	0.49		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
4-Nitroaniline	ND		0.84	mg/Kg-dry	1	02/29/12 08:44 PM
4-Nitrophenol	ND		0.84	mg/Kg-dry	1	02/29/12 08:44 PM
Acenaphthene	ND		0.038	mg/Kg-dry	1	02/29/12 08:44 PM
Acenaphthylene	ND		0.038	mg/Kg-dry	1	02/29/12 08:44 PM
Acetophenone	ND		0.42	mg/Kg-dry	1	02/29/12 08:44 PM
Anthracene	ND		0.038	mg/Kg-dry	1	02/29/12 08:44 PM
Atrazine	ND		0.42	mg/Kg-dry	1	02/29/12 08:44 PM
Benzaldehyde	ND		0.42	mg/Kg-dry	1	02/29/12 08:44 PM
Benzo(a)anthracene	ND		0.038	mg/Kg-dry	1	02/29/12 08:44 PM
Benzo(a)pyrene	ND		0.038	mg/Kg-dry	1	02/29/12 08:44 PM
Benzo(b)fluoranthene	0.067		0.038	mg/Kg-dry	1	02/29/12 08:44 PM
Benzo(g,h,i)perylene	ND		0.038	mg/Kg-dry	1	02/29/12 08:44 PM
Benzo(k)fluoranthene	ND		0.038	mg/Kg-dry	1	02/29/12 08:44 PM
Bis(2-chloroethoxy)methane	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
Bis(2-chloroethyl)ether	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
Bis(2-chloroisopropyl)ether	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
Bis(2-ethylhexyl)phthalate	0.61		0.42	mg/Kg-dry	1	02/29/12 08:44 PM
Butyl benzyl phthalate	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
Caprolactam	ND		0.42	mg/Kg-dry	1	02/29/12 08:44 PM
Carbazole	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
Chrysene	ND		0.038	mg/Kg-dry	1	02/29/12 08:44 PM
Dibenzo(a,h)anthracene	ND		0.038	mg/Kg-dry	1	02/29/12 08:44 PM
Dibenzofuran	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
Diethyl phthalate	ND		0.42	mg/Kg-dry	1	02/29/12 08:44 PM
Dimethyl phthalate	ND		0.42	mg/Kg-dry	1	02/29/12 08:44 PM
Di-n-butyl phthalate	ND		0.42	mg/Kg-dry	1	02/29/12 08:44 PM
Di-n-octyl phthalate	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
Fluoranthene	0.055		0.038	mg/Kg-dry	1	02/29/12 08:44 PM
Fluorene	ND		0.038	mg/Kg-dry	1	02/29/12 08:44 PM
Hexachlorobenzene	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B02-S01-022212

Lab ID: 1202723-02

Collection Date: 02/22/12 10:25 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
Hexachlorocyclopentadiene	ND		0.42	mg/Kg-dry	1	02/29/12 08:44 PM
Hexachloroethane	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
Indeno(1,2,3-cd)pyrene	ND		0.038	mg/Kg-dry	1	02/29/12 08:44 PM
Isophorone	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
Naphthalene	0.13		0.038	mg/Kg-dry	1	02/29/12 08:44 PM
Nitrobenzene	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
N-Nitrosodi-n-propylamine	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
N-Nitrosodiphenylamine	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
Pentachlorophenol	ND		0.42	mg/Kg-dry	1	02/29/12 08:44 PM
Phenanthrene	0.15		0.038	mg/Kg-dry	1	02/29/12 08:44 PM
Phenol	ND		0.20	mg/Kg-dry	1	02/29/12 08:44 PM
Pyrene	0.059		0.038	mg/Kg-dry	1	02/29/12 08:44 PM
Surr: 2,4,6-Tribromophenol	87.1		34-140	%REC	1	02/29/12 08:44 PM
Surr: 2-Fluorobiphenyl	63.7		12-100	%REC	1	02/29/12 08:44 PM
Surr: 2-Fluorophenol	70.1		33-117	%REC	1	02/29/12 08:44 PM
Surr: 4-Terphenyl-d14	87.6		25-137	%REC	1	02/29/12 08:44 PM
Surr: Nitrobenzene-d5	68.5		37-107	%REC	1	02/29/12 08:44 PM
Surr: Phenol-d6	79.1		40-106	%REC	1	02/29/12 08:44 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: AK

1,1,1-Trichloroethane	ND		0.064	mg/Kg-dry	50	03/04/12 04:25 AM
1,1,2,2-Tetrachloroethane	ND		0.13	mg/Kg-dry	50	03/04/12 04:25 AM
1,1,2-Trichloroethane	ND		0.13	mg/Kg-dry	50	03/04/12 04:25 AM
1,1,2-Trichlorotrifluoroethane	ND		0.064	mg/Kg-dry	50	03/04/12 04:25 AM
1,1-Dichloroethane	ND		0.064	mg/Kg-dry	50	03/04/12 04:25 AM
1,1-Dichloroethene	ND		0.064	mg/Kg-dry	50	03/04/12 04:25 AM
1,2,4-Trichlorobenzene	ND		0.064	mg/Kg-dry	50	03/04/12 04:25 AM
1,2-Dibromo-3-chloropropane	ND		0.13	mg/Kg-dry	50	03/04/12 04:25 AM
1,2-Dibromoethane	ND		0.095	mg/Kg-dry	50	03/04/12 04:25 AM
1,2-Dichlorobenzene	ND		0.064	mg/Kg-dry	50	03/04/12 04:25 AM
1,2-Dichloroethane	ND		0.064	mg/Kg-dry	50	03/04/12 04:25 AM
1,2-Dichloropropane	ND		0.22	mg/Kg-dry	50	03/04/12 04:25 AM
1,3-Dichlorobenzene	ND		0.064	mg/Kg-dry	50	03/04/12 04:25 AM
1,4-Dichlorobenzene	ND		0.064	mg/Kg-dry	50	03/04/12 04:25 AM
2-Butanone	ND		0.48	mg/Kg-dry	50	03/04/12 04:25 AM
2-Hexanone	ND		0.32	mg/Kg-dry	50	03/04/12 04:25 AM
4-Methyl-2-pentanone	ND		0.32	mg/Kg-dry	50	03/04/12 04:25 AM
Acetone	ND		0.29	mg/Kg-dry	50	03/04/12 04:25 AM
Benzene	ND		0.064	mg/Kg-dry	50	03/04/12 04:25 AM
Bromodichloromethane	ND		0.095	mg/Kg-dry	50	03/04/12 04:25 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B02-S01-022212

Lab ID: 1202723-02

Collection Date: 02/22/12 10:25 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.064	mg/Kg-dry	50	03/04/12 04:25 AM
Bromomethane	ND		0.095	mg/Kg-dry	50	03/04/12 04:25 AM
Carbon disulfide	ND		0.095	mg/Kg-dry	50	03/04/12 04:25 AM
Carbon tetrachloride	ND		0.064	mg/Kg-dry	50	03/04/12 04:25 AM
Chlorobenzene	ND		0.095	mg/Kg-dry	50	03/04/12 04:25 AM
Chloroethane	ND		0.19	mg/Kg-dry	50	03/04/12 04:25 AM
Chloroform	ND		0.064	mg/Kg-dry	50	03/04/12 04:25 AM
Chloromethane	ND		0.19	mg/Kg-dry	50	03/04/12 04:25 AM
cis-1,2-Dichloroethene	ND		0.13	mg/Kg-dry	50	03/04/12 04:25 AM
cis-1,3-Dichloropropene	ND		0.064	mg/Kg-dry	50	03/04/12 04:25 AM
Cyclohexane	ND		0.064	mg/Kg-dry	50	03/04/12 04:25 AM
Dibromochloromethane	ND		0.13	mg/Kg-dry	50	03/04/12 04:25 AM
Dichlorodifluoromethane	ND		0.064	mg/Kg-dry	50	03/04/12 04:25 AM
Ethylbenzene	ND		0.13	mg/Kg-dry	50	03/04/12 04:25 AM
Isopropylbenzene	ND		0.064	mg/Kg-dry	50	03/04/12 04:25 AM
Methyl acetate	ND		0.064	mg/Kg-dry	50	03/04/12 04:25 AM
Methyl tert-butyl ether	ND		0.095	mg/Kg-dry	50	03/04/12 04:25 AM
Methylcyclohexane	ND		1.3	mg/Kg-dry	50	03/04/12 04:25 AM
Methylene chloride	ND		0.13	mg/Kg-dry	50	03/04/12 04:25 AM
Styrene	ND		0.095	mg/Kg-dry	50	03/04/12 04:25 AM
Tetrachloroethene	ND		0.064	mg/Kg-dry	50	03/04/12 04:25 AM
Toluene	ND		0.095	mg/Kg-dry	50	03/04/12 04:25 AM
trans-1,2-Dichloroethene	ND		0.064	mg/Kg-dry	50	03/04/12 04:25 AM
trans-1,3-Dichloropropene	ND		0.095	mg/Kg-dry	50	03/04/12 04:25 AM
Trichloroethene	ND		0.064	mg/Kg-dry	50	03/04/12 04:25 AM
Trichlorofluoromethane	ND		0.064	mg/Kg-dry	50	03/04/12 04:25 AM
Vinyl chloride	ND		0.13	mg/Kg-dry	50	03/04/12 04:25 AM
Xylenes, Total	ND		0.19	mg/Kg-dry	50	03/04/12 04:25 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	100		70-120	%REC	50	03/04/12 04:25 AM
<i>Surr: 4-Bromofluorobenzene</i>	100		75-120	%REC	50	03/04/12 04:25 AM
<i>Surr: Dibromofluoromethane</i>	96.5		85-115	%REC	50	03/04/12 04:25 AM
<i>Surr: Toluene-d8</i>	102		85-115	%REC	50	03/04/12 04:25 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/28/12	Analyst: MB
Chromium, Hexavalent	ND		0.63	mg/Kg-dry	1	03/02/12 03:30 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	21		0.050	% of sample	1	02/27/12 03:45 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B03-S01-022212

Lab ID: 1202723-03

Collection Date: 02/22/12 11:50 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		0.0058	mg/Kg-dry	1	02/29/12 09:16 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/29/12 09:16 PM
2,4-D	ND		0.0058	mg/Kg-dry	1	02/29/12 09:16 PM
Surr: DCAA	92.6		30-150	%REC	1	02/29/12 09:16 PM
PCBS			SW8082		Prep Date: 02/27/12	Analyst: JD
Aroclor 1016	ND		0.046	mg/Kg-dry	1	02/28/12 10:06 PM
Aroclor 1221	ND		0.046	mg/Kg-dry	1	02/28/12 10:06 PM
Aroclor 1232	ND		0.046	mg/Kg-dry	1	02/28/12 10:06 PM
Aroclor 1242	ND		0.046	mg/Kg-dry	1	02/28/12 10:06 PM
Aroclor 1248	ND		0.046	mg/Kg-dry	1	02/28/12 10:06 PM
Aroclor 1254	ND		0.046	mg/Kg-dry	1	02/28/12 10:06 PM
Aroclor 1260	ND		0.046	mg/Kg-dry	1	02/28/12 10:06 PM
Surr: Decachlorobiphenyl	80.1		40-140	%REC	1	02/28/12 10:06 PM
PESTICIDES			SW8081		Prep Date: 02/27/12	Analyst: JD
4,4'-DDD	ND		0.012	mg/Kg-dry	1	03/01/12 10:46 PM
4,4'-DDE	ND		0.012	mg/Kg-dry	1	03/01/12 10:46 PM
4,4'-DDT	ND		0.012	mg/Kg-dry	1	03/01/12 10:46 PM
Aldrin	ND		0.012	mg/Kg-dry	1	03/01/12 10:46 PM
alpha-BHC	ND		0.012	mg/Kg-dry	1	03/01/12 10:46 PM
alpha-Chlordane	ND		0.012	mg/Kg-dry	1	03/01/12 10:46 PM
beta-BHC	ND		0.012	mg/Kg-dry	1	03/01/12 10:46 PM
Chlordane, Technical	ND		0.029	mg/Kg-dry	1	03/01/12 10:46 PM
delta-BHC	ND		0.012	mg/Kg-dry	1	03/01/12 10:46 PM
Dieldrin	ND		0.012	mg/Kg-dry	1	03/01/12 10:46 PM
Endosulfan I	ND		0.012	mg/Kg-dry	1	03/01/12 10:46 PM
Endosulfan II	ND		0.012	mg/Kg-dry	1	03/01/12 10:46 PM
Endosulfan sulfate	ND		0.012	mg/Kg-dry	1	03/01/12 10:46 PM
Endrin	ND		0.012	mg/Kg-dry	1	03/01/12 10:46 PM
Endrin aldehyde	ND		0.012	mg/Kg-dry	1	03/01/12 10:46 PM
Endrin ketone	ND		0.012	mg/Kg-dry	1	03/01/12 10:46 PM
gamma-BHC (Lindane)	ND		0.012	mg/Kg-dry	1	03/01/12 10:46 PM
gamma-Chlordane	ND		0.012	mg/Kg-dry	1	03/01/12 10:46 PM
Heptachlor	ND		0.012	mg/Kg-dry	1	03/01/12 10:46 PM
Heptachlor epoxide	ND		0.012	mg/Kg-dry	1	03/01/12 10:46 PM
Methoxychlor	ND		0.012	mg/Kg-dry	1	03/01/12 10:46 PM
Toxaphene	ND		0.069	mg/Kg-dry	1	03/01/12 10:46 PM
Surr: Decachlorobiphenyl	78.1		45-135	%REC	1	03/01/12 10:46 PM
Surr: Tetrachloro-m-xylene	84.1		45-124	%REC	1	03/01/12 10:46 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B03-S01-022212

Lab ID: 1202723-03

Collection Date: 02/22/12 11:50 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	0.032		0.018	mg/Kg-dry	1	02/28/12 06:11 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/27/12	Analyst: RH
Aluminum	18,000		33	mg/Kg-dry	40	03/04/12 02:43 PM
Antimony	ND		1.6	mg/Kg-dry	4	03/01/12 07:47 PM
Arsenic	9.6		1.6	mg/Kg-dry	4	03/01/12 07:47 PM
Barium	94		1.6	mg/Kg-dry	4	03/01/12 07:47 PM
Beryllium	ND		6.5	mg/Kg-dry	40	03/04/12 02:43 PM
Boron	ND		65	mg/Kg-dry	40	03/05/12 01:50 PM
Cadmium	ND		0.65	mg/Kg-dry	4	03/01/12 07:47 PM
Calcium	25,000		160	mg/Kg-dry	4	03/01/12 07:47 PM
Chromium	22		1.6	mg/Kg-dry	4	03/01/12 07:47 PM
Cobalt	10		1.6	mg/Kg-dry	4	03/01/12 07:47 PM
Copper	15		1.6	mg/Kg-dry	4	03/01/12 07:47 PM
Iron	25,000		26	mg/Kg-dry	4	03/01/12 07:47 PM
Lead	14		1.6	mg/Kg-dry	4	03/01/12 07:47 PM
Magnesium	8,100		65	mg/Kg-dry	4	03/01/12 07:47 PM
Manganese	890		16	mg/Kg-dry	40	03/04/12 02:43 PM
Nickel	23		1.6	mg/Kg-dry	4	03/01/12 07:47 PM
Potassium	1,700		650	mg/Kg-dry	40	03/04/12 02:43 PM
Selenium	ND		1.6	mg/Kg-dry	4	03/01/12 07:47 PM
Silver	ND		1.6	mg/Kg-dry	4	03/01/12 07:47 PM
Sodium	ND		65	mg/Kg-dry	4	03/01/12 07:47 PM
Thallium	ND		1.6	mg/Kg-dry	4	03/01/12 07:47 PM
Vanadium	42		1.6	mg/Kg-dry	4	03/01/12 07:47 PM
Zinc	95		3.3	mg/Kg-dry	4	03/01/12 07:47 PM
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 10:48 PM
2,4,5-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
2,4,6-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
2,4-Dichlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
2,4-Dimethylphenol	ND		0.39	mg/Kg-dry	1	02/28/12 10:48 PM
2,4-Dinitrophenol	ND		0.79	mg/Kg-dry	1	02/28/12 10:48 PM
2,4-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
2,6-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
2-Chloronaphthalene	ND		0.095	mg/Kg-dry	1	02/28/12 10:48 PM
2-Chlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
2-Methylnaphthalene	ND		0.095	mg/Kg-dry	1	02/28/12 10:48 PM
2-Methylphenol	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B03-S01-022212

Lab ID: 1202723-03

Collection Date: 02/22/12 11:50 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.79	mg/Kg-dry	1	02/28/12 10:48 PM
2-Nitrophenol	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
3,3'-Dichlorobenzidine	ND		0.79	mg/Kg-dry	1	02/28/12 10:48 PM
3-Nitroaniline	ND		0.79	mg/Kg-dry	1	02/28/12 10:48 PM
4,6-Dinitro-2-methylphenol	ND		0.39	mg/Kg-dry	1	02/28/12 10:48 PM
4-Bromophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
4-Chloro-3-methylphenol	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
4-Chloroaniline	ND		0.79	mg/Kg-dry	1	02/28/12 10:48 PM
4-Chlorophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
4-Methylphenol	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
4-Nitroaniline	ND		0.79	mg/Kg-dry	1	02/28/12 10:48 PM
4-Nitrophenol	ND		0.79	mg/Kg-dry	1	02/28/12 10:48 PM
Acenaphthene	ND		0.036	mg/Kg-dry	1	02/28/12 10:48 PM
Acenaphthylene	ND		0.036	mg/Kg-dry	1	02/28/12 10:48 PM
Acetophenone	ND		0.39	mg/Kg-dry	1	02/28/12 10:48 PM
Anthracene	ND		0.036	mg/Kg-dry	1	02/28/12 10:48 PM
Atrazine	ND		0.39	mg/Kg-dry	1	02/28/12 10:48 PM
Benzaldehyde	ND		0.39	mg/Kg-dry	1	02/28/12 10:48 PM
Benzo(a)anthracene	ND		0.036	mg/Kg-dry	1	02/28/12 10:48 PM
Benzo(a)pyrene	ND		0.036	mg/Kg-dry	1	02/28/12 10:48 PM
Benzo(b)fluoranthene	ND		0.036	mg/Kg-dry	1	02/28/12 10:48 PM
Benzo(g,h,i)perylene	ND		0.036	mg/Kg-dry	1	02/28/12 10:48 PM
Benzo(k)fluoranthene	ND		0.036	mg/Kg-dry	1	02/28/12 10:48 PM
Bis(2-chloroethoxy)methane	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
Bis(2-chloroethyl)ether	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
Bis(2-chloroisopropyl)ether	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
Bis(2-ethylhexyl)phthalate	ND		0.39	mg/Kg-dry	1	02/28/12 10:48 PM
Butyl benzyl phthalate	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
Caprolactam	ND		0.39	mg/Kg-dry	1	02/28/12 10:48 PM
Carbazole	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
Chrysene	ND		0.036	mg/Kg-dry	1	02/28/12 10:48 PM
Dibenzo(a,h)anthracene	ND		0.036	mg/Kg-dry	1	02/28/12 10:48 PM
Dibenzofuran	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
Diethyl phthalate	ND		0.39	mg/Kg-dry	1	02/28/12 10:48 PM
Dimethyl phthalate	ND		0.39	mg/Kg-dry	1	02/28/12 10:48 PM
Di-n-butyl phthalate	ND		0.39	mg/Kg-dry	1	02/28/12 10:48 PM
Di-n-octyl phthalate	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
Fluoranthene	ND		0.036	mg/Kg-dry	1	02/28/12 10:48 PM
Fluorene	ND		0.036	mg/Kg-dry	1	02/28/12 10:48 PM
Hexachlorobenzene	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B03-S01-022212

Lab ID: 1202723-03

Collection Date: 02/22/12 11:50 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
Hexachlorocyclopentadiene	ND		0.39	mg/Kg-dry	1	02/28/12 10:48 PM
Hexachloroethane	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
Indeno(1,2,3-cd)pyrene	ND		0.036	mg/Kg-dry	1	02/28/12 10:48 PM
Isophorone	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
Naphthalene	ND		0.036	mg/Kg-dry	1	02/28/12 10:48 PM
Nitrobenzene	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
N-Nitrosodi-n-propylamine	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
N-Nitrosodiphenylamine	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
Pentachlorophenol	ND		0.39	mg/Kg-dry	1	02/28/12 10:48 PM
Phenanthrene	ND		0.036	mg/Kg-dry	1	02/28/12 10:48 PM
Phenol	ND		0.19	mg/Kg-dry	1	02/28/12 10:48 PM
Pyrene	ND		0.036	mg/Kg-dry	1	02/28/12 10:48 PM
Surr: 2,4,6-Tribromophenol	79.9		34-140	%REC	1	02/28/12 10:48 PM
Surr: 2-Fluorobiphenyl	67.8		12-100	%REC	1	02/28/12 10:48 PM
Surr: 2-Fluorophenol	70.1		33-117	%REC	1	02/28/12 10:48 PM
Surr: 4-Terphenyl-d14	79.9		25-137	%REC	1	02/28/12 10:48 PM
Surr: Nitrobenzene-d5	62.0		37-107	%REC	1	02/28/12 10:48 PM
Surr: Phenol-d6	68.8		40-106	%REC	1	02/28/12 10:48 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: AK

1,1,1-Trichloroethane	ND		0.060	mg/Kg-dry	50	03/04/12 04:50 AM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	03/04/12 04:50 AM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	03/04/12 04:50 AM
1,1,2-Trichlorotrifluoroethane	ND		0.060	mg/Kg-dry	50	03/04/12 04:50 AM
1,1-Dichloroethane	ND		0.060	mg/Kg-dry	50	03/04/12 04:50 AM
1,1-Dichloroethene	ND		0.060	mg/Kg-dry	50	03/04/12 04:50 AM
1,2,4-Trichlorobenzene	ND		0.060	mg/Kg-dry	50	03/04/12 04:50 AM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	03/04/12 04:50 AM
1,2-Dibromoethane	ND		0.089	mg/Kg-dry	50	03/04/12 04:50 AM
1,2-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	03/04/12 04:50 AM
1,2-Dichloroethane	ND		0.060	mg/Kg-dry	50	03/04/12 04:50 AM
1,2-Dichloropropane	ND		0.21	mg/Kg-dry	50	03/04/12 04:50 AM
1,3-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	03/04/12 04:50 AM
1,4-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	03/04/12 04:50 AM
2-Butanone	ND		0.45	mg/Kg-dry	50	03/04/12 04:50 AM
2-Hexanone	ND		0.30	mg/Kg-dry	50	03/04/12 04:50 AM
4-Methyl-2-pentanone	ND		0.30	mg/Kg-dry	50	03/04/12 04:50 AM
Acetone	ND		0.27	mg/Kg-dry	50	03/04/12 04:50 AM
Benzene	ND		0.060	mg/Kg-dry	50	03/04/12 04:50 AM
Bromodichloromethane	ND		0.089	mg/Kg-dry	50	03/04/12 04:50 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: BS-B03-S01-022212
Collection Date: 02/22/12 11:50 AM

Work Order: 1202723
Lab ID: 1202723-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.060	mg/Kg-dry	50	03/04/12 04:50 AM
Bromomethane	ND		0.089	mg/Kg-dry	50	03/04/12 04:50 AM
Carbon disulfide	ND		0.089	mg/Kg-dry	50	03/04/12 04:50 AM
Carbon tetrachloride	ND		0.060	mg/Kg-dry	50	03/04/12 04:50 AM
Chlorobenzene	ND		0.089	mg/Kg-dry	50	03/04/12 04:50 AM
Chloroethane	ND		0.18	mg/Kg-dry	50	03/04/12 04:50 AM
Chloroform	ND		0.060	mg/Kg-dry	50	03/04/12 04:50 AM
Chloromethane	ND		0.18	mg/Kg-dry	50	03/04/12 04:50 AM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	03/04/12 04:50 AM
cis-1,3-Dichloropropene	ND		0.060	mg/Kg-dry	50	03/04/12 04:50 AM
Cyclohexane	ND		0.060	mg/Kg-dry	50	03/04/12 04:50 AM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	03/04/12 04:50 AM
Dichlorodifluoromethane	ND		0.060	mg/Kg-dry	50	03/04/12 04:50 AM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	03/04/12 04:50 AM
Isopropylbenzene	ND		0.060	mg/Kg-dry	50	03/04/12 04:50 AM
Methyl acetate	ND		0.060	mg/Kg-dry	50	03/04/12 04:50 AM
Methyl tert-butyl ether	ND		0.089	mg/Kg-dry	50	03/04/12 04:50 AM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	03/04/12 04:50 AM
Methylene chloride	ND		0.12	mg/Kg-dry	50	03/04/12 04:50 AM
Styrene	ND		0.089	mg/Kg-dry	50	03/04/12 04:50 AM
Tetrachloroethene	ND		0.060	mg/Kg-dry	50	03/04/12 04:50 AM
Toluene	ND		0.089	mg/Kg-dry	50	03/04/12 04:50 AM
trans-1,2-Dichloroethene	ND		0.060	mg/Kg-dry	50	03/04/12 04:50 AM
trans-1,3-Dichloropropene	ND		0.089	mg/Kg-dry	50	03/04/12 04:50 AM
Trichloroethene	ND		0.060	mg/Kg-dry	50	03/04/12 04:50 AM
Trichlorofluoromethane	ND		0.060	mg/Kg-dry	50	03/04/12 04:50 AM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	03/04/12 04:50 AM
Xylenes, Total	ND		0.18	mg/Kg-dry	50	03/04/12 04:50 AM
Surr: 1,2-Dichloroethane-d4	100		70-120	%REC	50	03/04/12 04:50 AM
Surr: 4-Bromofluorobenzene	101		75-120	%REC	50	03/04/12 04:50 AM
Surr: Dibromofluoromethane	96.2		85-115	%REC	50	03/04/12 04:50 AM
Surr: Toluene-d8	101		85-115	%REC	50	03/04/12 04:50 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/28/12	Analyst: MB
Chromium, Hexavalent	ND	UJ	0.59	mg/Kg-dry	1	03/02/12 03:30 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	16		0.050	% of sample	1	02/27/12 03:45 PM

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

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3/23/12

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B03-S02-022212

Lab ID: 1202723-04

Collection Date: 02/22/12 11:40 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		0.0058	mg/Kg-dry	1	02/29/12 09:25 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/29/12 09:25 PM
2,4-D	ND		0.0058	mg/Kg-dry	1	02/29/12 09:25 PM
Surr: DCAA	91.8		30-150	%REC	1	02/29/12 09:25 PM
PCBS			SW8082		Prep Date: 02/27/12	Analyst: JD
Aroclor 1016	ND		0.047	mg/Kg-dry	1	02/28/12 10:26 PM
Aroclor 1221	ND		0.047	mg/Kg-dry	1	02/28/12 10:26 PM
Aroclor 1232	ND		0.047	mg/Kg-dry	1	02/28/12 10:26 PM
Aroclor 1242	ND		0.047	mg/Kg-dry	1	02/28/12 10:26 PM
Aroclor 1248	ND		0.047	mg/Kg-dry	1	02/28/12 10:26 PM
Aroclor 1254	ND		0.047	mg/Kg-dry	1	02/28/12 10:26 PM
Aroclor 1260	ND		0.047	mg/Kg-dry	1	02/28/12 10:26 PM
Surr: Decachlorobiphenyl	85.1		40-140	%REC	1	02/28/12 10:26 PM
PESTICIDES			SW8081		Prep Date: 02/27/12	Analyst: JD
4,4'-DDD	ND		0.012	mg/Kg-dry	1	03/01/12 11:01 PM
4,4'-DDE	ND		0.012	mg/Kg-dry	1	03/01/12 11:01 PM
4,4'-DDT	ND		0.012	mg/Kg-dry	1	03/01/12 11:01 PM
Aldrin	ND		0.012	mg/Kg-dry	1	03/01/12 11:01 PM
alpha-BHC	ND		0.012	mg/Kg-dry	1	03/01/12 11:01 PM
alpha-Chlordane	ND		0.012	mg/Kg-dry	1	03/01/12 11:01 PM
beta-BHC	ND		0.012	mg/Kg-dry	1	03/01/12 11:01 PM
Chlordane, Technical	ND		0.029	mg/Kg-dry	1	03/01/12 11:01 PM
delta-BHC	ND		0.012	mg/Kg-dry	1	03/01/12 11:01 PM
Dieldrin	ND		0.012	mg/Kg-dry	1	03/01/12 11:01 PM
Endosulfan I	ND		0.012	mg/Kg-dry	1	03/01/12 11:01 PM
Endosulfan II	ND		0.012	mg/Kg-dry	1	03/01/12 11:01 PM
Endosulfan sulfate	ND		0.012	mg/Kg-dry	1	03/01/12 11:01 PM
Endrin	ND		0.012	mg/Kg-dry	1	03/01/12 11:01 PM
Endrin aldehyde	ND		0.012	mg/Kg-dry	1	03/01/12 11:01 PM
Endrin ketone	ND		0.012	mg/Kg-dry	1	03/01/12 11:01 PM
gamma-BHC (Lindane)	ND		0.012	mg/Kg-dry	1	03/01/12 11:01 PM
gamma-Chlordane	ND		0.012	mg/Kg-dry	1	03/01/12 11:01 PM
Heptachlor	ND		0.012	mg/Kg-dry	1	03/01/12 11:01 PM
Heptachlor epoxide	ND		0.012	mg/Kg-dry	1	03/01/12 11:01 PM
Methoxychlor	ND		0.012	mg/Kg-dry	1	03/01/12 11:01 PM
Toxaphene	ND		0.071	mg/Kg-dry	1	03/01/12 11:01 PM
Surr: Decachlorobiphenyl	76.1		45-135	%REC	1	03/01/12 11:01 PM
Surr: Tetrachloro-m-xylene	81.1		45-124	%REC	1	03/01/12 11:01 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B03-S02-022212

Lab ID: 1202723-04

Collection Date: 02/22/12 11:40 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	0.036		0.022	mg/Kg-dry	1	02/28/12 06:13 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/27/12	Analyst: RH
Aluminum	9,000		36	mg/Kg-dry	40	03/04/12 02:48 PM
Antimony	ND		1.8	mg/Kg-dry	4	03/01/12 07:52 PM
Arsenic	9.4		1.8	mg/Kg-dry	4	03/01/12 07:52 PM
Barium	67		1.8	mg/Kg-dry	4	03/01/12 07:52 PM
Beryllium	ND		7.3	mg/Kg-dry	40	03/04/12 02:48 PM
Boron	ND		73	mg/Kg-dry	40	03/05/12 01:55 PM
Cadmium	ND		0.73	mg/Kg-dry	4	03/01/12 07:52 PM
Calcium	6,100		180	mg/Kg-dry	4	03/01/12 07:52 PM
Chromium	11		1.8	mg/Kg-dry	4	03/01/12 07:52 PM
Cobalt	8.8		1.8	mg/Kg-dry	4	03/01/12 07:52 PM
Copper	20		1.8	mg/Kg-dry	4	03/01/12 07:52 PM
Iron	19,000		29	mg/Kg-dry	4	03/01/12 07:52 PM
Lead	13		1.8	mg/Kg-dry	4	03/01/12 07:52 PM
Magnesium	3,100		73	mg/Kg-dry	4	03/01/12 07:52 PM
Manganese	490		1.8	mg/Kg-dry	4	03/01/12 07:52 PM
Nickel	18		1.8	mg/Kg-dry	4	03/01/12 07:52 PM
Potassium	1,000		730	mg/Kg-dry	40	03/04/12 02:48 PM
Selenium	ND		1.8	mg/Kg-dry	4	03/01/12 07:52 PM
Silver	ND		1.8	mg/Kg-dry	4	03/01/12 07:52 PM
Sodium	ND		73	mg/Kg-dry	4	03/01/12 07:52 PM
Thallium	ND		1.8	mg/Kg-dry	4	03/01/12 07:52 PM
Vanadium	24		1.8	mg/Kg-dry	4	03/01/12 07:52 PM
Zinc	57		3.6	mg/Kg-dry	4	03/01/12 07:52 PM
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 11:15 PM
2,4,5-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
2,4,6-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
2,4-Dichlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
2,4-Dimethylphenol	ND		0.39	mg/Kg-dry	1	02/28/12 11:15 PM
2,4-Dinitrophenol	ND		0.78	mg/Kg-dry	1	02/28/12 11:15 PM
2,4-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
2,6-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
2-Chloronaphthalene	ND		0.095	mg/Kg-dry	1	02/28/12 11:15 PM
2-Chlorophenol	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
2-Methylnaphthalene	ND		0.095	mg/Kg-dry	1	02/28/12 11:15 PM
2-Methylphenol	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B03-S02-022212

Lab ID: 1202723-04

Collection Date: 02/22/12 11:40 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.78	mg/Kg-dry	1	02/28/12 11:15 PM
2-Nitrophenol	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
3,3'-Dichlorobenzidine	ND		0.78	mg/Kg-dry	1	02/28/12 11:15 PM
3-Nitroaniline	ND		0.78	mg/Kg-dry	1	02/28/12 11:15 PM
4,6-Dinitro-2-methylphenol	ND		0.39	mg/Kg-dry	1	02/28/12 11:15 PM
4-Bromophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
4-Chloro-3-methylphenol	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
4-Chloroaniline	ND		0.78	mg/Kg-dry	1	02/28/12 11:15 PM
4-Chlorophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
4-Methylphenol	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
4-Nitroaniline	ND		0.78	mg/Kg-dry	1	02/28/12 11:15 PM
4-Nitrophenol	ND		0.78	mg/Kg-dry	1	02/28/12 11:15 PM
Acenaphthene	ND		0.036	mg/Kg-dry	1	02/28/12 11:15 PM
Acenaphthylene	ND		0.036	mg/Kg-dry	1	02/28/12 11:15 PM
Acetophenone	ND		0.39	mg/Kg-dry	1	02/28/12 11:15 PM
Anthracene	ND		0.036	mg/Kg-dry	1	02/28/12 11:15 PM
Atrazine	ND		0.39	mg/Kg-dry	1	02/28/12 11:15 PM
Benzaldehyde	ND		0.39	mg/Kg-dry	1	02/28/12 11:15 PM
Benzo(a)anthracene	ND		0.036	mg/Kg-dry	1	02/28/12 11:15 PM
Benzo(a)pyrene	ND		0.036	mg/Kg-dry	1	02/28/12 11:15 PM
Benzo(b)fluoranthene	ND		0.036	mg/Kg-dry	1	02/28/12 11:15 PM
Benzo(g,h,i)perylene	ND		0.036	mg/Kg-dry	1	02/28/12 11:15 PM
Benzo(k)fluoranthene	ND		0.036	mg/Kg-dry	1	02/28/12 11:15 PM
Bis(2-chloroethoxy)methane	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
Bis(2-chloroethyl)ether	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
Bis(2-chloroisopropyl)ether	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
Bis(2-ethylhexyl)phthalate	ND		0.39	mg/Kg-dry	1	02/28/12 11:15 PM
Butyl benzyl phthalate	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
Caprolactam	ND		0.39	mg/Kg-dry	1	02/28/12 11:15 PM
Carbazole	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
Chrysene	ND		0.036	mg/Kg-dry	1	02/28/12 11:15 PM
Dibenzo(a,h)anthracene	ND		0.036	mg/Kg-dry	1	02/28/12 11:15 PM
Dibenzofuran	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
Diethyl phthalate	ND		0.39	mg/Kg-dry	1	02/28/12 11:15 PM
Dimethyl phthalate	ND		0.39	mg/Kg-dry	1	02/28/12 11:15 PM
Di-n-butyl phthalate	ND		0.39	mg/Kg-dry	1	02/28/12 11:15 PM
Di-n-octyl phthalate	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
Fluoranthene	ND		0.036	mg/Kg-dry	1	02/28/12 11:15 PM
Fluorene	ND		0.036	mg/Kg-dry	1	02/28/12 11:15 PM
Hexachlorobenzene	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B03-S02-022212

Lab ID: 1202723-04

Collection Date: 02/22/12 11:40 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
Hexachlorocyclopentadiene	ND		0.39	mg/Kg-dry	1	02/28/12 11:15 PM
Hexachloroethane	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
Indeno(1,2,3-cd)pyrene	ND		0.036	mg/Kg-dry	1	02/28/12 11:15 PM
Isophorone	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
Naphthalene	ND		0.036	mg/Kg-dry	1	02/28/12 11:15 PM
Nitrobenzene	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
N-Nitrosodi-n-propylamine	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
N-Nitrosodiphenylamine	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
Pentachlorophenol	ND		0.39	mg/Kg-dry	1	02/28/12 11:15 PM
Phenanthrene	ND		0.036	mg/Kg-dry	1	02/28/12 11:15 PM
Phenol	ND		0.19	mg/Kg-dry	1	02/28/12 11:15 PM
Pyrene	ND		0.036	mg/Kg-dry	1	02/28/12 11:15 PM
Surr: 2,4,6-Tribromophenol	85.1		34-140	%REC	1	02/28/12 11:15 PM
Surr: 2-Fluorobiphenyl	69.1		12-100	%REC	1	02/28/12 11:15 PM
Surr: 2-Fluorophenol	75.2		33-117	%REC	1	02/28/12 11:15 PM
Surr: 4-Terphenyl-d14	85.0		25-137	%REC	1	02/28/12 11:15 PM
Surr: Nitrobenzene-d5	66.2		37-107	%REC	1	02/28/12 11:15 PM
Surr: Phenol-d6	75.8		40-106	%REC	1	02/28/12 11:15 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: AK

1,1,1-Trichloroethane	ND		0.060	mg/Kg-dry	50	03/04/12 05:15 AM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	03/04/12 05:15 AM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	03/04/12 05:15 AM
1,1,2-Trichlorotrifluoroethane	ND		0.060	mg/Kg-dry	50	03/04/12 05:15 AM
1,1-Dichloroethane	ND		0.060	mg/Kg-dry	50	03/04/12 05:15 AM
1,1-Dichloroethene	ND		0.060	mg/Kg-dry	50	03/04/12 05:15 AM
1,2,4-Trichlorobenzene	ND		0.060	mg/Kg-dry	50	03/04/12 05:15 AM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	03/04/12 05:15 AM
1,2-Dibromoethane	ND		0.090	mg/Kg-dry	50	03/04/12 05:15 AM
1,2-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	03/04/12 05:15 AM
1,2-Dichloroethane	ND		0.060	mg/Kg-dry	50	03/04/12 05:15 AM
1,2-Dichloropropane	ND		0.21	mg/Kg-dry	50	03/04/12 05:15 AM
1,3-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	03/04/12 05:15 AM
1,4-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	03/04/12 05:15 AM
2-Butanone	ND		0.45	mg/Kg-dry	50	03/04/12 05:15 AM
2-Hexanone	ND		0.30	mg/Kg-dry	50	03/04/12 05:15 AM
4-Methyl-2-pentanone	ND		0.30	mg/Kg-dry	50	03/04/12 05:15 AM
Acetone	ND		0.27	mg/Kg-dry	50	03/04/12 05:15 AM
Benzene	ND		0.060	mg/Kg-dry	50	03/04/12 05:15 AM
Bromodichloromethane	ND		0.090	mg/Kg-dry	50	03/04/12 05:15 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B03-S02-022212

Lab ID: 1202723-04

Collection Date: 02/22/12 11:40 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.060	mg/Kg-dry	50	03/04/12 05:15 AM
Bromomethane	ND		0.090	mg/Kg-dry	50	03/04/12 05:15 AM
Carbon disulfide	ND		0.090	mg/Kg-dry	50	03/04/12 05:15 AM
Carbon tetrachloride	ND		0.060	mg/Kg-dry	50	03/04/12 05:15 AM
Chlorobenzene	ND		0.090	mg/Kg-dry	50	03/04/12 05:15 AM
Chloroethane	ND		0.18	mg/Kg-dry	50	03/04/12 05:15 AM
Chloroform	ND		0.060	mg/Kg-dry	50	03/04/12 05:15 AM
Chloromethane	ND		0.18	mg/Kg-dry	50	03/04/12 05:15 AM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	03/04/12 05:15 AM
cis-1,3-Dichloropropene	ND		0.060	mg/Kg-dry	50	03/04/12 05:15 AM
Cyclohexane	ND		0.060	mg/Kg-dry	50	03/04/12 05:15 AM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	03/04/12 05:15 AM
Dichlorodifluoromethane	ND		0.060	mg/Kg-dry	50	03/04/12 05:15 AM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	03/04/12 05:15 AM
Isopropylbenzene	ND		0.060	mg/Kg-dry	50	03/04/12 05:15 AM
Methyl acetate	ND		0.060	mg/Kg-dry	50	03/04/12 05:15 AM
Methyl tert-butyl ether	ND		0.090	mg/Kg-dry	50	03/04/12 05:15 AM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	03/04/12 05:15 AM
Methylene chloride	ND		0.12	mg/Kg-dry	50	03/04/12 05:15 AM
Styrene	ND		0.090	mg/Kg-dry	50	03/04/12 05:15 AM
Tetrachloroethene	ND		0.060	mg/Kg-dry	50	03/04/12 05:15 AM
Toluene	ND		0.090	mg/Kg-dry	50	03/04/12 05:15 AM
trans-1,2-Dichloroethene	ND		0.060	mg/Kg-dry	50	03/04/12 05:15 AM
trans-1,3-Dichloropropene	ND		0.090	mg/Kg-dry	50	03/04/12 05:15 AM
Trichloroethene	ND		0.060	mg/Kg-dry	50	03/04/12 05:15 AM
Trichlorofluoromethane	ND		0.060	mg/Kg-dry	50	03/04/12 05:15 AM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	03/04/12 05:15 AM
Xylenes, Total	ND		0.18	mg/Kg-dry	50	03/04/12 05:15 AM
Surr: 1,2-Dichloroethane-d4	99.8		70-120	%REC	50	03/04/12 05:15 AM
Surr: 4-Bromofluorobenzene	99.8		75-120	%REC	50	03/04/12 05:15 AM
Surr: Dibromofluoromethane	94.1		85-115	%REC	50	03/04/12 05:15 AM
Surr: Toluene-d8	100		85-115	%REC	50	03/04/12 05:15 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/28/12	Analyst: MB
Chromium, Hexavalent	ND		0.60	mg/Kg-dry	1	03/02/12 03:30 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	17		0.050	% of sample	1	02/27/12 03:45 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B05-S01-022212

Lab ID: 1202723-05

Collection Date: 02/22/12 04:15 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		0.0057	mg/Kg-dry	1	02/29/12 09:34 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/29/12 09:34 PM
2,4-D	ND		0.0057	mg/Kg-dry	1	02/29/12 09:34 PM
Surr: DCAA	91.6		30-150	%REC	1	02/29/12 09:34 PM
PCBS			SW8082		Prep Date: 02/27/12	Analyst: JD
Aroclor 1016	ND		0.045	mg/Kg-dry	1	02/28/12 10:46 PM
Aroclor 1221	ND		0.045	mg/Kg-dry	1	02/28/12 10:46 PM
Aroclor 1232	ND		0.045	mg/Kg-dry	1	02/28/12 10:46 PM
Aroclor 1242	ND		0.045	mg/Kg-dry	1	02/28/12 10:46 PM
Aroclor 1248	ND		0.045	mg/Kg-dry	1	02/28/12 10:46 PM
Aroclor 1254	1.0		0.045	mg/Kg-dry	1	02/28/12 10:46 PM
Aroclor 1260	ND		0.045	mg/Kg-dry	1	02/28/12 10:46 PM
Surr: Decachlorobiphenyl	85.1		40-140	%REC	1	02/28/12 10:46 PM
PESTICIDES			SW8081		Prep Date: 02/27/12	Analyst: JD
4,4'-DDD	ND		0.22	mg/Kg-dry	20	03/01/12 11:16 PM
4,4'-DDE	ND		0.22	mg/Kg-dry	20	03/01/12 11:16 PM
4,4'-DDT	ND		0.22	mg/Kg-dry	20	03/01/12 11:16 PM
Aldrin	ND		0.22	mg/Kg-dry	20	03/01/12 11:16 PM
alpha-BHC	ND		0.22	mg/Kg-dry	20	03/01/12 11:16 PM
alpha-Chlordane	ND		0.22	mg/Kg-dry	20	03/01/12 11:16 PM
beta-BHC	ND		0.22	mg/Kg-dry	20	03/01/12 11:16 PM
Chlordane, Technical	ND		0.56	mg/Kg-dry	20	03/01/12 11:16 PM
delta-BHC	ND		0.22	mg/Kg-dry	20	03/01/12 11:16 PM
Dieldrin	ND		0.22	mg/Kg-dry	20	03/01/12 11:16 PM
Endosulfan I	ND		0.22	mg/Kg-dry	20	03/01/12 11:16 PM
Endosulfan II	ND		0.22	mg/Kg-dry	20	03/01/12 11:16 PM
Endosulfan sulfate	ND		0.22	mg/Kg-dry	20	03/01/12 11:16 PM
Endrin	ND		0.22	mg/Kg-dry	20	03/01/12 11:16 PM
Endrin aldehyde	ND		0.22	mg/Kg-dry	20	03/01/12 11:16 PM
Endrin ketone	ND		0.22	mg/Kg-dry	20	03/01/12 11:16 PM
gamma-BHC (Lindane)	ND		0.22	mg/Kg-dry	20	03/01/12 11:16 PM
gamma-Chlordane	ND		0.22	mg/Kg-dry	20	03/01/12 11:16 PM
Heptachlor	ND		0.22	mg/Kg-dry	20	03/01/12 11:16 PM
Heptachlor epoxide	ND		0.22	mg/Kg-dry	20	03/01/12 11:16 PM
Methoxychlor	ND		0.22	mg/Kg-dry	20	03/01/12 11:16 PM
Toxaphene	ND		1.3	mg/Kg-dry	20	03/01/12 11:16 PM
Surr: Decachlorobiphenyl	100		45-135	%REC	20	03/01/12 11:16 PM
Surr: Tetrachloro-m-xylene	100		45-124	%REC	20	03/01/12 11:16 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B05-S01-022212

Lab ID: 1202723-05

Collection Date: 02/22/12 04:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/28/12	Analyst: LR
Mercury	0.12		0.018	mg/Kg-dry	1	02/29/12 02:22 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/27/12	Analyst: RH
Aluminum	9,100		33	mg/Kg-dry	40	03/04/12 02:53 PM
Antimony	ND		1.6	mg/Kg-dry	4	03/01/12 07:57 PM
Arsenic	9.5		1.6	mg/Kg-dry	4	03/01/12 07:57 PM
Barium	70		1.6	mg/Kg-dry	4	03/01/12 07:57 PM
Beryllium	ND		6.6	mg/Kg-dry	40	03/04/12 02:53 PM
Boron	ND		66	mg/Kg-dry	40	03/05/12 02:00 PM
Cadmium	ND		0.66	mg/Kg-dry	4	03/01/12 07:57 PM
Calcium	6,800		160	mg/Kg-dry	4	03/01/12 07:57 PM
Chromium	11		1.6	mg/Kg-dry	4	03/01/12 07:57 PM
Cobalt	8.3		1.6	mg/Kg-dry	4	03/01/12 07:57 PM
Copper	19		1.6	mg/Kg-dry	4	03/01/12 07:57 PM
Iron	19,000		26	mg/Kg-dry	4	03/01/12 07:57 PM
Lead	12		1.6	mg/Kg-dry	4	03/01/12 07:57 PM
Magnesium	3,500		66	mg/Kg-dry	4	03/01/12 07:57 PM
Manganese	580		16	mg/Kg-dry	40	03/04/12 02:53 PM
Nickel	18		1.6	mg/Kg-dry	4	03/01/12 07:57 PM
Potassium	1,100		660	mg/Kg-dry	40	03/04/12 02:53 PM
Selenium	ND		1.6	mg/Kg-dry	4	03/01/12 07:57 PM
Silver	ND		1.6	mg/Kg-dry	4	03/01/12 07:57 PM
Sodium	ND		66	mg/Kg-dry	4	03/01/12 07:57 PM
Thallium	ND		1.6	mg/Kg-dry	4	03/01/12 07:57 PM
Vanadium	23		1.6	mg/Kg-dry	4	03/01/12 07:57 PM
Zinc	52		3.3	mg/Kg-dry	4	03/01/12 07:57 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 03/01/12	Analyst: HL
1,1'-Biphenyl	ND		7.5	mg/Kg-dry	20	03/03/12 01:06 AM
2,4,5-Trichlorophenol	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
2,4,6-Trichlorophenol	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
2,4-Dichlorophenol	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
2,4-Dimethylphenol	ND		7.5	mg/Kg-dry	20	03/03/12 01:06 AM
2,4-Dinitrophenol	ND		15	mg/Kg-dry	20	03/03/12 01:06 AM
2,4-Dinitrotoluene	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
2,6-Dinitrotoluene	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
2-Chloronaphthalene	ND		1.8	mg/Kg-dry	20	03/03/12 01:06 AM
2-Chlorophenol	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
2-Methylnaphthalene	ND		1.8	mg/Kg-dry	20	03/03/12 01:06 AM
2-Methylphenol	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CD-B05-S01-022212
Collection Date: 02/22/12 04:15 PM

Work Order: 1202723
Lab ID: 1202723-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		15	mg/Kg-dry	20	03/03/12 01:06 AM
2-Nitrophenol	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
3,3'-Dichlorobenzidine	ND		15	mg/Kg-dry	20	03/03/12 01:06 AM
3-Nitroaniline	ND		15	mg/Kg-dry	20	03/03/12 01:06 AM
4,6-Dinitro-2-methylphenol	ND		7.5	mg/Kg-dry	20	03/03/12 01:06 AM
4-Bromophenyl phenyl ether	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
4-Chloro-3-methylphenol	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
4-Chloroaniline	ND	UJ	15	mg/Kg-dry	20	03/03/12 01:06 AM
4-Chlorophenyl phenyl ether	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
4-Methylphenol	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
4-Nitroaniline	ND		15	mg/Kg-dry	20	03/03/12 01:06 AM
4-Nitrophenol	ND		15	mg/Kg-dry	20	03/03/12 01:06 AM
Acenaphthene	ND		0.69	mg/Kg-dry	20	03/03/12 01:06 AM
Acenaphthylene	ND		0.69	mg/Kg-dry	20	03/03/12 01:06 AM
Acetophenone	ND		7.5	mg/Kg-dry	20	03/03/12 01:06 AM
Anthracene	ND		0.69	mg/Kg-dry	20	03/03/12 01:06 AM
Atrazine	ND		7.5	mg/Kg-dry	20	03/03/12 01:06 AM
Benzaldehyde	ND		7.5	mg/Kg-dry	20	03/03/12 01:06 AM
Benzo(a)anthracene	ND		0.69	mg/Kg-dry	20	03/03/12 01:06 AM
Benzo(a)pyrene	ND		0.69	mg/Kg-dry	20	03/03/12 01:06 AM
Benzo(b)fluoranthene	ND		0.69	mg/Kg-dry	20	03/03/12 01:06 AM
Benzo(g,h,i)perylene	ND		0.69	mg/Kg-dry	20	03/03/12 01:06 AM
Benzo(k)fluoranthene	ND		0.69	mg/Kg-dry	20	03/03/12 01:06 AM
Bis(2-chloroethoxy)methane	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
Bis(2-chloroethyl)ether	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
Bis(2-chloroisopropyl)ether	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
Bis(2-ethylhexyl)phthalate	ND		7.5	mg/Kg-dry	20	03/03/12 01:06 AM
Butyl benzyl phthalate	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
Caprolactam	ND		7.5	mg/Kg-dry	20	03/03/12 01:06 AM
Carbazole	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
Chrysene	ND		0.69	mg/Kg-dry	20	03/03/12 01:06 AM
Dibenzo(a,h)anthracene	ND		0.69	mg/Kg-dry	20	03/03/12 01:06 AM
Dibenzofuran	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
Diethyl phthalate	ND		7.5	mg/Kg-dry	20	03/03/12 01:06 AM
Dimethyl phthalate	ND	UJ	7.5	mg/Kg-dry	20	03/03/12 01:06 AM
Di-n-butyl phthalate	ND		7.5	mg/Kg-dry	20	03/03/12 01:06 AM
Di-n-octyl phthalate	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
Fluoranthene	ND		0.69	mg/Kg-dry	20	03/03/12 01:06 AM
Fluorene	ND		0.69	mg/Kg-dry	20	03/03/12 01:06 AM
Hexachlorobenzene	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM

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

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3/22/12

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B05-S01-022212

Lab ID: 1202723-05

Collection Date: 02/22/12 04:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
Hexachlorocyclopentadiene	ND		7.5	mg/Kg-dry	20	03/03/12 01:06 AM
Hexachloroethane	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
Indeno(1,2,3-cd)pyrene	ND		0.69	mg/Kg-dry	20	03/03/12 01:06 AM
Isophorone	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
Naphthalene	ND		0.69	mg/Kg-dry	20	03/03/12 01:06 AM
Nitrobenzene	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
N-Nitrosodi-n-propylamine	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
N-Nitrosodiphenylamine	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
Pentachlorophenol	ND		7.5	mg/Kg-dry	20	03/03/12 01:06 AM
Phenanthrene	ND		0.69	mg/Kg-dry	20	03/03/12 01:06 AM
Phenol	ND		3.7	mg/Kg-dry	20	03/03/12 01:06 AM
Pyrene	ND		0.69	mg/Kg-dry	20	03/03/12 01:06 AM
Surr: 2,4,6-Tribromophenol	124		34-140	%REC	20	03/03/12 01:06 AM
Surr: 2-Fluorobiphenyl	79.2		12-100	%REC	20	03/03/12 01:06 AM
Surr: 2-Fluorophenol	77.2		33-117	%REC	20	03/03/12 01:06 AM
Surr: 4-Terphenyl-d14	93.6		25-137	%REC	20	03/03/12 01:06 AM
Surr: Nitrobenzene-d5	67.6		37-107	%REC	20	03/03/12 01:06 AM
Surr: Phenol-d6	66.4		40-106	%REC	20	03/03/12 01:06 AM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: AK

1,1,1-Trichloroethane	ND		0.058	mg/Kg-dry	50	03/04/12 05:40 AM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	03/04/12 05:40 AM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	03/04/12 05:40 AM
1,1,2-Trichlorotrifluoroethane	ND		0.058	mg/Kg-dry	50	03/04/12 05:40 AM
1,1-Dichloroethane	ND		0.058	mg/Kg-dry	50	03/04/12 05:40 AM
1,1-Dichloroethene	ND		0.058	mg/Kg-dry	50	03/04/12 05:40 AM
1,2,4-Trichlorobenzene	ND		0.058	mg/Kg-dry	50	03/04/12 05:40 AM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	03/04/12 05:40 AM
1,2-Dibromoethane	ND		0.086	mg/Kg-dry	50	03/04/12 05:40 AM
1,2-Dichlorobenzene	ND		0.058	mg/Kg-dry	50	03/04/12 05:40 AM
1,2-Dichloroethane	ND		0.058	mg/Kg-dry	50	03/04/12 05:40 AM
1,2-Dichloropropane	ND		0.20	mg/Kg-dry	50	03/04/12 05:40 AM
1,3-Dichlorobenzene	ND		0.058	mg/Kg-dry	50	03/04/12 05:40 AM
1,4-Dichlorobenzene	ND		0.058	mg/Kg-dry	50	03/04/12 05:40 AM
2-Butanone	ND		0.43	mg/Kg-dry	50	03/04/12 05:40 AM
2-Hexanone	ND		0.29	mg/Kg-dry	50	03/04/12 05:40 AM
4-Methyl-2-pentanone	ND		0.29	mg/Kg-dry	50	03/04/12 05:40 AM
Acetone	ND		0.26	mg/Kg-dry	50	03/04/12 05:40 AM
Benzene	ND		0.058	mg/Kg-dry	50	03/04/12 05:40 AM
Bromodichloromethane	ND		0.086	mg/Kg-dry	50	03/04/12 05:40 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B05-S01-022212

Lab ID: 1202723-05

Collection Date: 02/22/12 04:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.058	mg/Kg-dry	50	03/04/12 05:40 AM
Bromomethane	ND		0.086	mg/Kg-dry	50	03/04/12 05:40 AM
Carbon disulfide	ND		0.086	mg/Kg-dry	50	03/04/12 05:40 AM
Carbon tetrachloride	ND		0.058	mg/Kg-dry	50	03/04/12 05:40 AM
Chlorobenzene	ND		0.086	mg/Kg-dry	50	03/04/12 05:40 AM
Chloroethane	ND		0.17	mg/Kg-dry	50	03/04/12 05:40 AM
Chloroform	ND		0.058	mg/Kg-dry	50	03/04/12 05:40 AM
Chloromethane	ND		0.17	mg/Kg-dry	50	03/04/12 05:40 AM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	03/04/12 05:40 AM
cis-1,3-Dichloropropene	ND		0.058	mg/Kg-dry	50	03/04/12 05:40 AM
Cyclohexane	ND		0.058	mg/Kg-dry	50	03/04/12 05:40 AM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	03/04/12 05:40 AM
Dichlorodifluoromethane	ND		0.058	mg/Kg-dry	50	03/04/12 05:40 AM
Ethylbenzene	2.9		0.12	mg/Kg-dry	50	03/04/12 05:40 AM
Isopropylbenzene	0.10		0.058	mg/Kg-dry	50	03/04/12 05:40 AM
Methyl acetate	ND		0.17	mg/Kg-dry	50	03/04/12 05:40 AM
Methyl tert-butyl ether	ND		0.086	mg/Kg-dry	50	03/04/12 05:40 AM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	03/04/12 05:40 AM
Methylene chloride	ND		0.12	mg/Kg-dry	50	03/04/12 05:40 AM
Styrene	ND		0.086	mg/Kg-dry	50	03/04/12 05:40 AM
Tetrachloroethene	ND		0.058	mg/Kg-dry	50	03/04/12 05:40 AM
Toluene	ND		0.086	mg/Kg-dry	50	03/04/12 05:40 AM
trans-1,2-Dichloroethene	ND		0.058	mg/Kg-dry	50	03/04/12 05:40 AM
trans-1,3-Dichloropropene	ND		0.086	mg/Kg-dry	50	03/04/12 05:40 AM
Trichloroethene	ND		0.058	mg/Kg-dry	50	03/04/12 05:40 AM
Trichlorofluoromethane	ND		0.058	mg/Kg-dry	50	03/04/12 05:40 AM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	03/04/12 05:40 AM
Xylenes, Total	19		0.35	mg/Kg-dry	100	03/05/12 06:33 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	101		70-120	%REC	50	03/04/12 05:40 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	101		70-120	%REC	100	03/05/12 06:33 AM
<i>Surr: 4-Bromofluorobenzene</i>	98.1		75-120	%REC	50	03/04/12 05:40 AM
<i>Surr: 4-Bromofluorobenzene</i>	106		75-120	%REC	100	03/05/12 06:33 AM
<i>Surr: Dibromofluoromethane</i>	94.2		85-115	%REC	50	03/04/12 05:40 AM
<i>Surr: Dibromofluoromethane</i>	96.7		85-115	%REC	100	03/05/12 06:33 AM
<i>Surr: Toluene-d8</i>	102		85-115	%REC	100	03/05/12 06:33 AM
<i>Surr: Toluene-d8</i>	100		85-115	%REC	50	03/04/12 05:40 AM

CHROMIUM, HEXAVALENT

Chromium, Hexavalent

ND

SW7196A

0.58 mg/Kg-dry

Prep Date: **02/28/12**

1

Analyst: **MB**

03/02/12 03:30 PM

MOISTURE

A2540 G

Analyst: **CG**

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B05-S01-022212

Lab ID: 1202723-05

Collection Date: 02/22/12 04:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Moisture	13		0.050	% of sample	1	02/27/12 03:45 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B05-S02-022212

Lab ID: 1202723-06

Collection Date: 02/22/12 04:00 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		0.0054	mg/Kg-dry	1	02/29/12 09:43 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/29/12 09:43 PM
2,4-D	ND		0.0054	mg/Kg-dry	1	02/29/12 09:43 PM
Surr: DCAA	88.2		30-150	%REC	1	02/29/12 09:43 PM
PCBS			SW8082		Prep Date: 02/27/12	Analyst: JD
Aroclor 1016	ND		0.042	mg/Kg-dry	1	02/28/12 11:06 PM
Aroclor 1221	ND		0.042	mg/Kg-dry	1	02/28/12 11:06 PM
Aroclor 1232	ND		0.042	mg/Kg-dry	1	02/28/12 11:06 PM
Aroclor 1242	ND		0.042	mg/Kg-dry	1	02/28/12 11:06 PM
Aroclor 1248	ND		0.042	mg/Kg-dry	1	02/28/12 11:06 PM
Aroclor 1254	ND		0.042	mg/Kg-dry	1	02/28/12 11:06 PM
Aroclor 1260	ND		0.042	mg/Kg-dry	1	02/28/12 11:06 PM
Surr: Decachlorobiphenyl	95.1		40-140	%REC	1	02/28/12 11:06 PM
PESTICIDES			SW8081		Prep Date: 02/27/12	Analyst: JD
4,4'-DDD	ND		0.053	mg/Kg-dry	5	03/01/12 11:31 PM
4,4'-DDE	ND		0.053	mg/Kg-dry	5	03/01/12 11:31 PM
4,4'-DDT	ND		0.053	mg/Kg-dry	5	03/01/12 11:31 PM
Aldrin	ND		0.053	mg/Kg-dry	5	03/01/12 11:31 PM
alpha-BHC	ND		0.053	mg/Kg-dry	5	03/01/12 11:31 PM
alpha-Chlordane	ND		0.053	mg/Kg-dry	5	03/01/12 11:31 PM
beta-BHC	ND		0.053	mg/Kg-dry	5	03/01/12 11:31 PM
Chlordane, Technical	ND		0.13	mg/Kg-dry	5	03/01/12 11:31 PM
delta-BHC	ND		0.053	mg/Kg-dry	5	03/01/12 11:31 PM
Dieldrin	ND		0.053	mg/Kg-dry	5	03/01/12 11:31 PM
Endosulfan I	ND		0.053	mg/Kg-dry	5	03/01/12 11:31 PM
Endosulfan II	ND		0.053	mg/Kg-dry	5	03/01/12 11:31 PM
Endosulfan sulfate	ND		0.053	mg/Kg-dry	5	03/01/12 11:31 PM
Endrin	ND		0.053	mg/Kg-dry	5	03/01/12 11:31 PM
Endrin aldehyde	ND		0.053	mg/Kg-dry	5	03/01/12 11:31 PM
Endrin ketone	ND		0.053	mg/Kg-dry	5	03/01/12 11:31 PM
gamma-BHC (Lindane)	ND		0.053	mg/Kg-dry	5	03/01/12 11:31 PM
gamma-Chlordane	ND		0.053	mg/Kg-dry	5	03/01/12 11:31 PM
Heptachlor	ND		0.053	mg/Kg-dry	5	03/01/12 11:31 PM
Heptachlor epoxide	ND		0.053	mg/Kg-dry	5	03/01/12 11:31 PM
Methoxychlor	ND		0.053	mg/Kg-dry	5	03/01/12 11:31 PM
Toxaphene	ND		0.32	mg/Kg-dry	5	03/01/12 11:31 PM
Surr: Decachlorobiphenyl	85.1		45-135	%REC	5	03/01/12 11:31 PM
Surr: Tetrachloro-m-xylene	75.1		45-124	%REC	5	03/01/12 11:31 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B05-S02-022212

Lab ID: 1202723-06

Collection Date: 02/22/12 04:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/28/12	Analyst: LR
Mercury	ND		0.022	mg/Kg-dry	1	02/29/12 02:24 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/27/12	Analyst: RH
Aluminum	9,900		3.3	mg/Kg-dry	4	03/01/12 09:31 PM
Antimony	ND		1.6	mg/Kg-dry	4	03/01/12 09:31 PM
Arsenic	13		1.6	mg/Kg-dry	4	03/01/12 09:31 PM
Barium	91		1.6	mg/Kg-dry	4	03/01/12 09:31 PM
Beryllium	ND		0.65	mg/Kg-dry	4	03/01/12 09:31 PM
Boron	78		6.5	mg/Kg-dry	4	03/05/12 02:04 PM
Cadmium	ND		0.65	mg/Kg-dry	4	03/01/12 09:31 PM
Calcium	42,000		160	mg/Kg-dry	4	03/01/12 09:31 PM
Chromium	15		1.6	mg/Kg-dry	4	03/01/12 09:31 PM
Cobalt	12		1.6	mg/Kg-dry	4	03/01/12 09:31 PM
Copper	24		1.6	mg/Kg-dry	4	03/01/12 09:31 PM
Iron	30,000		26	mg/Kg-dry	4	03/01/12 09:31 PM
Lead	14		1.6	mg/Kg-dry	4	03/01/12 09:31 PM
Magnesium	11,000		65	mg/Kg-dry	4	03/01/12 09:31 PM
Manganese	510		1.6	mg/Kg-dry	4	03/01/12 09:31 PM
Nickel	29		1.6	mg/Kg-dry	4	03/01/12 09:31 PM
Potassium	2,700		65	mg/Kg-dry	4	03/01/12 09:31 PM
Selenium	ND		1.6	mg/Kg-dry	4	03/01/12 09:31 PM
Silver	ND		1.6	mg/Kg-dry	4	03/01/12 09:31 PM
Sodium	390		65	mg/Kg-dry	4	03/01/12 09:31 PM
Thallium	ND		1.6	mg/Kg-dry	4	03/01/12 09:31 PM
Vanadium	21		1.6	mg/Kg-dry	4	03/01/12 09:31 PM
Zinc	75		3.3	mg/Kg-dry	4	03/01/12 09:31 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/28/12	Analyst: CW
1,1'-Biphenyl	ND		0.36	mg/Kg-dry	1	03/02/12 06:12 AM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM
2,4-Dimethylphenol	ND		0.36	mg/Kg-dry	1	03/02/12 06:12 AM
2,4-Dinitrophenol	ND		0.72	mg/Kg-dry	1	03/02/12 06:12 AM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM
2-Chloronaphthalene	ND		0.088	mg/Kg-dry	1	03/02/12 06:12 AM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM
2-Methylnaphthalene	ND		0.088	mg/Kg-dry	1	03/02/12 06:12 AM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CD-B05-S02-022212
Collection Date: 02/22/12 04:00 PM

Work Order: 1202723
Lab ID: 1202723-06
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.72	mg/Kg-dry	1	03/02/12 06:12 AM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM
3,3'-Dichlorobenzidine	ND		0.72	mg/Kg-dry	1	03/02/12 06:12 AM
3-Nitroaniline	ND		0.72	mg/Kg-dry	1	03/02/12 06:12 AM
4,6-Dinitro-2-methylphenol	ND		0.36	mg/Kg-dry	1	03/02/12 06:12 AM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM
4-Chloroaniline	ND		0.72	mg/Kg-dry	1	03/02/12 06:12 AM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM
4-Nitroaniline	ND	UJ	0.72	mg/Kg-dry	1	03/02/12 06:12 AM
4-Nitrophenol	ND		0.72	mg/Kg-dry	1	03/02/12 06:12 AM
Acenaphthene	ND		0.033	mg/Kg-dry	1	03/02/12 06:12 AM
Acenaphthylene	ND		0.033	mg/Kg-dry	1	03/02/12 06:12 AM
Acetophenone	ND		0.36	mg/Kg-dry	1	03/02/12 06:12 AM
Anthracene	ND		0.033	mg/Kg-dry	1	03/02/12 06:12 AM
Atrazine	ND		0.36	mg/Kg-dry	1	03/02/12 06:12 AM
Benzaldehyde	ND		0.36	mg/Kg-dry	1	03/02/12 06:12 AM
Benzo(a)anthracene	ND		0.033	mg/Kg-dry	1	03/02/12 06:12 AM
Benzo(a)pyrene	ND		0.033	mg/Kg-dry	1	03/02/12 06:12 AM
Benzo(b)fluoranthene	ND		0.033	mg/Kg-dry	1	03/02/12 06:12 AM
Benzo(g,h,i)perylene	ND		0.033	mg/Kg-dry	1	03/02/12 06:12 AM
Benzo(k)fluoranthene	ND		0.033	mg/Kg-dry	1	03/02/12 06:12 AM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM
Bis(2-ethylhexyl)phthalate	ND		0.36	mg/Kg-dry	1	03/02/12 06:12 AM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM
Caprolactam	ND		0.36	mg/Kg-dry	1	03/02/12 06:12 AM
Carbazole	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM
Chrysene	ND		0.033	mg/Kg-dry	1	03/02/12 06:12 AM
Dibenzo(a,h)anthracene	ND		0.033	mg/Kg-dry	1	03/02/12 06:12 AM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM
Diethyl phthalate	ND		0.36	mg/Kg-dry	1	03/02/12 06:12 AM
Dimethyl phthalate	ND		0.36	mg/Kg-dry	1	03/02/12 06:12 AM
Di-n-butyl phthalate	ND		0.36	mg/Kg-dry	1	03/02/12 06:12 AM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM
Fluoranthene	ND		0.033	mg/Kg-dry	1	03/02/12 06:12 AM
Fluorene	ND		0.033	mg/Kg-dry	1	03/02/12 06:12 AM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM

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

24
3/22/12

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc
 Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
 Sample ID: CD-B05-S02-022212
 Collection Date: 02/22/12 04:00 PM

Work Order: 1202723
 Lab ID: 1202723-06
 Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND	JJ	0.18	mg/Kg-dry	1	03/02/12 06:12 AM
Hexachlorocyclopentadiene	ND		0.36	mg/Kg-dry	1	03/02/12 06:12 AM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM
Indeno(1,2,3-cd)pyrene	ND		0.033	mg/Kg-dry	1	03/02/12 06:12 AM
Isophorone	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM
Naphthalene	ND		0.033	mg/Kg-dry	1	03/02/12 06:12 AM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM
Pentachlorophenol	ND		0.36	mg/Kg-dry	1	03/02/12 06:12 AM
Phenanthrene	0.062		0.033	mg/Kg-dry	1	03/02/12 06:12 AM
Phenol	ND		0.18	mg/Kg-dry	1	03/02/12 06:12 AM
Pyrene	ND		0.033	mg/Kg-dry	1	03/02/12 06:12 AM
Surr: 2,4,6-Tribromophenol	69.4		34-140	%REC	1	03/02/12 06:12 AM
Surr: 2-Fluorobiphenyl	70.4		12-100	%REC	1	03/02/12 06:12 AM
Surr: 2-Fluorophenol	71.1		33-117	%REC	1	03/02/12 06:12 AM
Surr: 4-Terphenyl-d14	97.1		25-137	%REC	1	03/02/12 06:12 AM
Surr: Nitrobenzene-d5	81.3		37-107	%REC	1	03/02/12 06:12 AM
Surr: Phenol-d6	64.2		40-106	%REC	1	03/02/12 06:12 AM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: **AK**

1,1,1-Trichloroethane	ND		0.055	mg/Kg-dry	50	03/04/12 06:05 AM
1,1,1,2-Tetrachloroethane	ND		0.11	mg/Kg-dry	50	03/04/12 06:05 AM
1,1,2-Trichloroethane	ND		0.11	mg/Kg-dry	50	03/04/12 06:05 AM
1,1,2-Trichlorotrifluoroethane	ND		0.055	mg/Kg-dry	50	03/04/12 06:05 AM
1,1-Dichloroethane	ND		0.055	mg/Kg-dry	50	03/04/12 06:05 AM
1,1-Dichloroethene	ND		0.055	mg/Kg-dry	50	03/04/12 06:05 AM
1,2,4-Trichlorobenzene	ND		0.055	mg/Kg-dry	50	03/04/12 06:05 AM
1,2-Dibromo-3-chloropropane	ND		0.11	mg/Kg-dry	50	03/04/12 06:05 AM
1,2-Dibromoethane	ND		0.083	mg/Kg-dry	50	03/04/12 06:05 AM
1,2-Dichlorobenzene	ND		0.055	mg/Kg-dry	50	03/04/12 06:05 AM
1,2-Dichloroethane	ND		0.055	mg/Kg-dry	50	03/04/12 06:05 AM
1,2-Dichloropropane	ND		0.19	mg/Kg-dry	50	03/04/12 06:05 AM
1,3-Dichlorobenzene	ND		0.055	mg/Kg-dry	50	03/04/12 06:05 AM
1,4-Dichlorobenzene	ND		0.055	mg/Kg-dry	50	03/04/12 06:05 AM
2-Butanone	ND		0.42	mg/Kg-dry	50	03/04/12 06:05 AM
2-Hexanone	ND		0.28	mg/Kg-dry	50	03/04/12 06:05 AM
4-Methyl-2-pentanone	ND		0.28	mg/Kg-dry	50	03/04/12 06:05 AM
Acetone	ND		0.25	mg/Kg-dry	50	03/04/12 06:05 AM
Benzene	ND		0.055	mg/Kg-dry	50	03/04/12 06:05 AM
Bromodichloromethane	ND		0.083	mg/Kg-dry	50	03/04/12 06:05 AM

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

JJ
3/22/12

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B05-S02-022212

Lab ID: 1202723-06

Collection Date: 02/22/12 04:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.055	mg/Kg-dry	50	03/04/12 06:05 AM
Bromomethane	ND		0.083	mg/Kg-dry	50	03/04/12 06:05 AM
Carbon disulfide	ND		0.083	mg/Kg-dry	50	03/04/12 06:05 AM
Carbon tetrachloride	ND		0.055	mg/Kg-dry	50	03/04/12 06:05 AM
Chlorobenzene	ND		0.083	mg/Kg-dry	50	03/04/12 06:05 AM
Chloroethane	ND		0.17	mg/Kg-dry	50	03/04/12 06:05 AM
Chloroform	ND		0.055	mg/Kg-dry	50	03/04/12 06:05 AM
Chloromethane	ND		0.17	mg/Kg-dry	50	03/04/12 06:05 AM
cis-1,2-Dichloroethene	ND		0.11	mg/Kg-dry	50	03/04/12 06:05 AM
cis-1,3-Dichloropropene	ND		0.055	mg/Kg-dry	50	03/04/12 06:05 AM
Cyclohexane	ND		0.055	mg/Kg-dry	50	03/04/12 06:05 AM
Dibromochloromethane	ND		0.11	mg/Kg-dry	50	03/04/12 06:05 AM
Dichlorodifluoromethane	ND		0.055	mg/Kg-dry	50	03/04/12 06:05 AM
Ethylbenzene	ND		0.11	mg/Kg-dry	50	03/04/12 06:05 AM
Isopropylbenzene	ND		0.055	mg/Kg-dry	50	03/04/12 06:05 AM
Methyl acetate	ND		0.055	mg/Kg-dry	50	03/04/12 06:05 AM
Methyl tert-butyl ether	ND		0.083	mg/Kg-dry	50	03/04/12 06:05 AM
Methylcyclohexane	ND		1.1	mg/Kg-dry	50	03/04/12 06:05 AM
Methylene chloride	ND		0.11	mg/Kg-dry	50	03/04/12 06:05 AM
Styrene	ND		0.083	mg/Kg-dry	50	03/04/12 06:05 AM
Tetrachloroethene	ND		0.055	mg/Kg-dry	50	03/04/12 06:05 AM
Toluene	ND		0.083	mg/Kg-dry	50	03/04/12 06:05 AM
trans-1,2-Dichloroethene	ND		0.055	mg/Kg-dry	50	03/04/12 06:05 AM
trans-1,3-Dichloropropene	ND		0.083	mg/Kg-dry	50	03/04/12 06:05 AM
Trichloroethene	ND		0.055	mg/Kg-dry	50	03/04/12 06:05 AM
Trichlorofluoromethane	ND		0.055	mg/Kg-dry	50	03/04/12 06:05 AM
Vinyl chloride	ND		0.11	mg/Kg-dry	50	03/04/12 06:05 AM
Xylenes, Total	ND		0.17	mg/Kg-dry	50	03/04/12 06:05 AM
Surr: 1,2-Dichloroethane-d4	102		70-120	%REC	50	03/04/12 06:05 AM
Surr: 4-Bromofluorobenzene	101		75-120	%REC	50	03/04/12 06:05 AM
Surr: Dibromofluoromethane	95.0		85-115	%REC	50	03/04/12 06:05 AM
Surr: Toluene-d8	98.9		85-115	%REC	50	03/04/12 06:05 AM

CHROMIUM, HEXAVALENT

Chromium, Hexavalent

ND

SW7196A

0.55

mg/Kg-dry

Prep Date: 02/28/12

1

Analyst: MB

03/02/12 03:30 PM

MOISTURE

Moisture

9.8

A2540 G

0.050

% of sample

1

Analyst: CG

02/27/12 03:45 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B06-S01-022212

Lab ID: 1202723-07

Collection Date: 02/22/12 02:36 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 09:53 PM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	02/29/12 09:53 PM
2,4-D	ND		0.0057	mg/Kg-dry	1	02/29/12 09:53 PM
Surr: DCAA	92.2		30-150	%REC	1	02/29/12 09:53 PM
PCBS			SW8082		Prep Date: 03/02/12	Analyst: JD
Aroclor 1016	ND		0.046	mg/Kg-dry	1	03/04/12 09:48 PM
Aroclor 1221	ND		0.046	mg/Kg-dry	1	03/04/12 09:48 PM
Aroclor 1232	ND		0.046	mg/Kg-dry	1	03/04/12 09:48 PM
Aroclor 1242	ND		0.046	mg/Kg-dry	1	03/04/12 09:48 PM
Aroclor 1248	ND		0.046	mg/Kg-dry	1	03/04/12 09:48 PM
Aroclor 1254	ND		0.046	mg/Kg-dry	1	03/04/12 09:48 PM
Aroclor 1260	ND		0.046	mg/Kg-dry	1	03/04/12 09:48 PM
Surr: Decachlorobiphenyl	93.1		40-140	%REC	1	03/04/12 09:48 PM
PESTICIDES			SW8081		Prep Date: 03/02/12	Analyst: RM
4,4'-DDD	ND		0.023	mg/Kg-dry	2	03/04/12 07:28 PM
4,4'-DDE	ND		0.023	mg/Kg-dry	2	03/04/12 07:28 PM
4,4'-DDT	ND		0.023	mg/Kg-dry	2	03/04/12 07:28 PM
Aldrin	ND		0.023	mg/Kg-dry	2	03/04/12 07:28 PM
alpha-BHC	ND		0.023	mg/Kg-dry	2	03/04/12 07:28 PM
alpha-Chlordane	ND		0.023	mg/Kg-dry	2	03/04/12 07:28 PM
beta-BHC	ND		0.023	mg/Kg-dry	2	03/04/12 07:28 PM
Chlordane, Technical	ND		0.058	mg/Kg-dry	2	03/04/12 07:28 PM
delta-BHC	ND		0.023	mg/Kg-dry	2	03/04/12 07:28 PM
Dieldrin	ND		0.023	mg/Kg-dry	2	03/04/12 07:28 PM
Endosulfan I	ND		0.023	mg/Kg-dry	2	03/04/12 07:28 PM
Endosulfan II	ND		0.023	mg/Kg-dry	2	03/04/12 07:28 PM
Endosulfan sulfate	ND		0.023	mg/Kg-dry	2	03/04/12 07:28 PM
Endrin	ND		0.023	mg/Kg-dry	2	03/04/12 07:28 PM
Endrin aldehyde	ND		0.023	mg/Kg-dry	2	03/04/12 07:28 PM
Endrin ketone	ND		0.023	mg/Kg-dry	2	03/04/12 07:28 PM
gamma-BHC (Lindane)	ND		0.023	mg/Kg-dry	2	03/04/12 07:28 PM
gamma-Chlordane	ND		0.023	mg/Kg-dry	2	03/04/12 07:28 PM
Heptachlor	ND		0.023	mg/Kg-dry	2	03/04/12 07:28 PM
Heptachlor epoxide	ND		0.023	mg/Kg-dry	2	03/04/12 07:28 PM
Methoxychlor	ND		0.023	mg/Kg-dry	2	03/04/12 07:28 PM
Toxaphene	ND		0.14	mg/Kg-dry	2	03/04/12 07:28 PM
Surr: Decachlorobiphenyl	100		45-135	%REC	2	03/04/12 07:28 PM
Surr: Tetrachloro-m-xylene	88.1		45-124	%REC	2	03/04/12 07:28 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B06-S01-022212

Lab ID: 1202723-07

Collection Date: 02/22/12 02:36 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/28/12	Analyst: LR
Mercury	0.023		0.020	mg/Kg-dry	1	02/29/12 02:27 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/27/12	Analyst: RH
Aluminum	7,700		3.4	mg/Kg-dry	4	03/01/12 09:36 PM
Antimony	ND		1.7	mg/Kg-dry	4	03/01/12 09:36 PM
Arsenic	4.6		1.7	mg/Kg-dry	4	03/01/12 09:36 PM
Barium	41		1.7	mg/Kg-dry	4	03/01/12 09:36 PM
Beryllium	ND		0.67	mg/Kg-dry	4	03/01/12 09:36 PM
Boron	6.9		6.7	mg/Kg-dry	4	03/05/12 02:09 PM
Cadmium	ND		0.67	mg/Kg-dry	4	03/01/12 09:36 PM
Calcium	2,100		170	mg/Kg-dry	4	03/01/12 09:36 PM
Chromium	11		1.7	mg/Kg-dry	4	03/01/12 09:36 PM
Cobalt	7.0		1.7	mg/Kg-dry	4	03/01/12 09:36 PM
Copper	13		1.7	mg/Kg-dry	4	03/01/12 09:36 PM
Iron	14,000		27	mg/Kg-dry	4	03/01/12 09:36 PM
Lead	8.8		1.7	mg/Kg-dry	4	03/01/12 09:36 PM
Magnesium	2,400		67	mg/Kg-dry	4	03/01/12 09:36 PM
Manganese	270		1.7	mg/Kg-dry	4	03/01/12 09:36 PM
Nickel	18		1.7	mg/Kg-dry	4	03/01/12 09:36 PM
Potassium	1,100		67	mg/Kg-dry	4	03/01/12 09:36 PM
Selenium	ND		1.7	mg/Kg-dry	4	03/01/12 09:36 PM
Silver	ND		1.7	mg/Kg-dry	4	03/01/12 09:36 PM
Sodium	ND		67	mg/Kg-dry	4	03/01/12 09:36 PM
Thallium	ND		1.7	mg/Kg-dry	4	03/01/12 09:36 PM
Vanadium	17		1.7	mg/Kg-dry	4	03/01/12 09:36 PM
Zinc	45		3.4	mg/Kg-dry	4	03/01/12 09:36 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/28/12	Analyst: CW
1,1'-Biphenyl	ND		0.39	mg/Kg-dry	1	02/29/12 12:59 PM
2,4,5-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
2,4,6-Trichlorophenol	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
2,4-Dichlorophenol	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
2,4-Dimethylphenol	ND		0.39	mg/Kg-dry	1	02/29/12 12:59 PM
2,4-Dinitrophenol	ND		0.79	mg/Kg-dry	1	02/29/12 12:59 PM
2,4-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
2,6-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
2-Chloronaphthalene	ND		0.096	mg/Kg-dry	1	02/29/12 12:59 PM
2-Chlorophenol	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
2-Methylnaphthalene	ND		0.096	mg/Kg-dry	1	02/29/12 12:59 PM
2-Methylphenol	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B06-S01-022212

Lab ID: 1202723-07

Collection Date: 02/22/12 02:36 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.79	mg/Kg-dry	1	02/29/12 12:59 PM
2-Nitrophenol	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
3,3'-Dichlorobenzidine	ND		0.79	mg/Kg-dry	1	02/29/12 12:59 PM
3-Nitroaniline	ND		0.79	mg/Kg-dry	1	02/29/12 12:59 PM
4,6-Dinitro-2-methylphenol	ND		0.39	mg/Kg-dry	1	02/29/12 12:59 PM
4-Bromophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
4-Chloro-3-methylphenol	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
4-Chloroaniline	ND		0.79	mg/Kg-dry	1	02/29/12 12:59 PM
4-Chlorophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
4-Methylphenol	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
4-Nitroaniline	ND		0.79	mg/Kg-dry	1	02/29/12 12:59 PM
4-Nitrophenol	ND		0.79	mg/Kg-dry	1	02/29/12 12:59 PM
Acenaphthene	ND		0.036	mg/Kg-dry	1	02/29/12 12:59 PM
Acenaphthylene	ND		0.036	mg/Kg-dry	1	02/29/12 12:59 PM
Acetophenone	ND		0.39	mg/Kg-dry	1	02/29/12 12:59 PM
Anthracene	ND		0.036	mg/Kg-dry	1	02/29/12 12:59 PM
Atrazine	ND		0.39	mg/Kg-dry	1	02/29/12 12:59 PM
Benzaldehyde	ND		0.39	mg/Kg-dry	1	02/29/12 12:59 PM
Benzo(a)anthracene	ND		0.036	mg/Kg-dry	1	02/29/12 12:59 PM
Benzo(a)pyrene	ND		0.036	mg/Kg-dry	1	02/29/12 12:59 PM
Benzo(b)fluoranthene	ND		0.036	mg/Kg-dry	1	02/29/12 12:59 PM
Benzo(g,h,i)perylene	ND		0.036	mg/Kg-dry	1	02/29/12 12:59 PM
Benzo(k)fluoranthene	ND		0.036	mg/Kg-dry	1	02/29/12 12:59 PM
Bis(2-chloroethoxy)methane	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
Bis(2-chloroethyl)ether	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
Bis(2-chloroisopropyl)ether	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
Bis(2-ethylhexyl)phthalate	ND		0.39	mg/Kg-dry	1	02/29/12 12:59 PM
Butyl benzyl phthalate	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
Caprolactam	ND		0.39	mg/Kg-dry	1	02/29/12 12:59 PM
Carbazole	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
Chrysene	ND		0.036	mg/Kg-dry	1	02/29/12 12:59 PM
Dibenzo(a,h)anthracene	ND		0.036	mg/Kg-dry	1	02/29/12 12:59 PM
Dibenzofuran	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
Diethyl phthalate	ND		0.39	mg/Kg-dry	1	02/29/12 12:59 PM
Dimethyl phthalate	ND		0.39	mg/Kg-dry	1	02/29/12 12:59 PM
Di-n-butyl phthalate	ND		0.39	mg/Kg-dry	1	02/29/12 12:59 PM
Di-n-octyl phthalate	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
Fluoranthene	ND		0.036	mg/Kg-dry	1	02/29/12 12:59 PM
Fluorene	ND		0.036	mg/Kg-dry	1	02/29/12 12:59 PM
Hexachlorobenzene	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B06-S01-022212

Lab ID: 1202723-07

Collection Date: 02/22/12 02:36 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
Hexachlorocyclopentadiene	ND		0.39	mg/Kg-dry	1	02/29/12 12:59 PM
Hexachloroethane	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
Indeno(1,2,3-cd)pyrene	ND		0.036	mg/Kg-dry	1	02/29/12 12:59 PM
Isophorone	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
Naphthalene	ND		0.036	mg/Kg-dry	1	02/29/12 12:59 PM
Nitrobenzene	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
N-Nitrosodi-n-propylamine	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
N-Nitrosodiphenylamine	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
Pentachlorophenol	ND		0.39	mg/Kg-dry	1	02/29/12 12:59 PM
Phenanthrene	ND		0.036	mg/Kg-dry	1	02/29/12 12:59 PM
Phenol	ND		0.19	mg/Kg-dry	1	02/29/12 12:59 PM
Pyrene	ND		0.036	mg/Kg-dry	1	02/29/12 12:59 PM
Surr: 2,4,6-Tribromophenol	62.0		34-140	%REC	1	02/29/12 12:59 PM
Surr: 2-Fluorobiphenyl	63.5		12-100	%REC	1	02/29/12 12:59 PM
Surr: 2-Fluorophenol	69.9		33-117	%REC	1	02/29/12 12:59 PM
Surr: 4-Terphenyl-d14	70.2		25-137	%REC	1	02/29/12 12:59 PM
Surr: Nitrobenzene-d5	70.4		37-107	%REC	1	02/29/12 12:59 PM
Surr: Phenol-d6	66.9		40-106	%REC	1	02/29/12 12:59 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: AK

1,1,1-Trichloroethane	ND		0.060	mg/Kg-dry	50	03/04/12 06:30 AM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	03/04/12 06:30 AM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	03/04/12 06:30 AM
1,1,2-Trichlorotrifluoroethane	ND		0.060	mg/Kg-dry	50	03/04/12 06:30 AM
1,1-Dichloroethane	ND		0.060	mg/Kg-dry	50	03/04/12 06:30 AM
1,1-Dichloroethene	ND		0.060	mg/Kg-dry	50	03/04/12 06:30 AM
1,2,4-Trichlorobenzene	ND		0.060	mg/Kg-dry	50	03/04/12 06:30 AM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	03/04/12 06:30 AM
1,2-Dibromoethane	ND		0.090	mg/Kg-dry	50	03/04/12 06:30 AM
1,2-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	03/04/12 06:30 AM
1,2-Dichloroethane	ND		0.060	mg/Kg-dry	50	03/04/12 06:30 AM
1,2-Dichloropropane	ND		0.21	mg/Kg-dry	50	03/04/12 06:30 AM
1,3-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	03/04/12 06:30 AM
1,4-Dichlorobenzene	ND		0.060	mg/Kg-dry	50	03/04/12 06:30 AM
2-Butanone	ND		0.45	mg/Kg-dry	50	03/04/12 06:30 AM
2-Hexanone	ND		0.30	mg/Kg-dry	50	03/04/12 06:30 AM
4-Methyl-2-pentanone	ND		0.30	mg/Kg-dry	50	03/04/12 06:30 AM
Acetone	ND		0.27	mg/Kg-dry	50	03/04/12 06:30 AM
Benzene	ND		0.060	mg/Kg-dry	50	03/04/12 06:30 AM
Bromodichloromethane	ND		0.090	mg/Kg-dry	50	03/04/12 06:30 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B06-S01-022212

Lab ID: 1202723-07

Collection Date: 02/22/12 02:36 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.060	mg/Kg-dry	50	03/04/12 06:30 AM
Bromomethane	ND		0.090	mg/Kg-dry	50	03/04/12 06:30 AM
Carbon disulfide	ND		0.090	mg/Kg-dry	50	03/04/12 06:30 AM
Carbon tetrachloride	ND		0.060	mg/Kg-dry	50	03/04/12 06:30 AM
Chlorobenzene	ND		0.090	mg/Kg-dry	50	03/04/12 06:30 AM
Chloroethane	ND		0.18	mg/Kg-dry	50	03/04/12 06:30 AM
Chloroform	ND		0.060	mg/Kg-dry	50	03/04/12 06:30 AM
Chloromethane	ND		0.18	mg/Kg-dry	50	03/04/12 06:30 AM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	03/04/12 06:30 AM
cis-1,3-Dichloropropene	ND		0.060	mg/Kg-dry	50	03/04/12 06:30 AM
Cyclohexane	ND		0.060	mg/Kg-dry	50	03/04/12 06:30 AM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	03/04/12 06:30 AM
Dichlorodifluoromethane	ND		0.060	mg/Kg-dry	50	03/04/12 06:30 AM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	03/04/12 06:30 AM
Isopropylbenzene	ND		0.060	mg/Kg-dry	50	03/04/12 06:30 AM
Methyl acetate	ND		0.060	mg/Kg-dry	50	03/04/12 06:30 AM
Methyl tert-butyl ether	ND		0.090	mg/Kg-dry	50	03/04/12 06:30 AM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	03/04/12 06:30 AM
Methylene chloride	ND		0.12	mg/Kg-dry	50	03/04/12 06:30 AM
Styrene	ND		0.090	mg/Kg-dry	50	03/04/12 06:30 AM
Tetrachloroethene	ND		0.060	mg/Kg-dry	50	03/04/12 06:30 AM
Toluene	ND		0.090	mg/Kg-dry	50	03/04/12 06:30 AM
trans-1,2-Dichloroethene	ND		0.060	mg/Kg-dry	50	03/04/12 06:30 AM
trans-1,3-Dichloropropene	ND		0.090	mg/Kg-dry	50	03/04/12 06:30 AM
Trichloroethene	ND		0.060	mg/Kg-dry	50	03/04/12 06:30 AM
Trichlorofluoromethane	ND		0.060	mg/Kg-dry	50	03/04/12 06:30 AM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	03/04/12 06:30 AM
Xylenes, Total	ND		0.18	mg/Kg-dry	50	03/04/12 06:30 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	104		70-120	%REC	50	03/04/12 06:30 AM
<i>Surr: 4-Bromofluorobenzene</i>	102		75-120	%REC	50	03/04/12 06:30 AM
<i>Surr: Dibromofluoromethane</i>	97.1		85-115	%REC	50	03/04/12 06:30 AM
<i>Surr: Toluene-d8</i>	102		85-115	%REC	50	03/04/12 06:30 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/28/12	Analyst: MB
Chromium, Hexavalent	ND		0.60	mg/Kg-dry	1	03/02/12 03:30 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	17		0.050	% of sample	1	02/27/12 03:45 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-S01-S01-022212

Lab ID: 1202723-08

Collection Date: 02/22/12 02:00 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		0.0069	mg/Kg-dry	1	02/29/12 10:02 PM
2,4,5-TP (Silvex)	ND		0.014	mg/Kg-dry	1	02/29/12 10:02 PM
2,4-D	ND		0.0069	mg/Kg-dry	1	02/29/12 10:02 PM
Surr: DCAA	83.2		30-150	%REC	1	02/29/12 10:02 PM
PCBS			SW8082		Prep Date: 03/02/12	Analyst: JD
Aroclor 1016	ND		0.053	mg/Kg-dry	1	03/04/12 10:47 PM
Aroclor 1221	ND		0.053	mg/Kg-dry	1	03/04/12 10:47 PM
Aroclor 1232	ND		0.053	mg/Kg-dry	1	03/04/12 10:47 PM
Aroclor 1242	ND		0.053	mg/Kg-dry	1	03/04/12 10:47 PM
Aroclor 1248	ND		0.053	mg/Kg-dry	1	03/04/12 10:47 PM
Aroclor 1254	0.26		0.053	mg/Kg-dry	1	03/04/12 10:47 PM
Aroclor 1260	ND		0.053	mg/Kg-dry	1	03/04/12 10:47 PM
Surr: Decachlorobiphenyl	76.1		40-140	%REC	1	03/04/12 10:47 PM
PESTICIDES			SW8081		Prep Date: 03/02/12	Analyst: RM
4,4'-DDD	ND		0.13	mg/Kg-dry	10	03/04/12 08:13 PM
4,4'-DDE	ND		0.13	mg/Kg-dry	10	03/04/12 08:13 PM
4,4'-DDT	ND		0.13	mg/Kg-dry	10	03/04/12 08:13 PM
Aldrin	ND		0.13	mg/Kg-dry	10	03/04/12 08:13 PM
alpha-BHC	ND		0.13	mg/Kg-dry	10	03/04/12 08:13 PM
alpha-Chlordane	ND		0.13	mg/Kg-dry	10	03/04/12 08:13 PM
beta-BHC	ND		0.13	mg/Kg-dry	10	03/04/12 08:13 PM
Chlordane, Technical	ND		0.33	mg/Kg-dry	10	03/04/12 08:13 PM
delta-BHC	ND		0.13	mg/Kg-dry	10	03/04/12 08:13 PM
Dieldrin	ND		0.13	mg/Kg-dry	10	03/04/12 08:13 PM
Endosulfan I	ND		0.13	mg/Kg-dry	10	03/04/12 08:13 PM
Endosulfan II	ND		0.13	mg/Kg-dry	10	03/04/12 08:13 PM
Endosulfan sulfate	ND		0.13	mg/Kg-dry	10	03/04/12 08:13 PM
Endrin	ND		0.13	mg/Kg-dry	10	03/04/12 08:13 PM
Endrin aldehyde	ND		0.13	mg/Kg-dry	10	03/04/12 08:13 PM
Endrin ketone	ND		0.13	mg/Kg-dry	10	03/04/12 08:13 PM
gamma-BHC (Lindane)	ND		0.13	mg/Kg-dry	10	03/04/12 08:13 PM
gamma-Chlordane	ND		0.13	mg/Kg-dry	10	03/04/12 08:13 PM
Heptachlor	ND		0.13	mg/Kg-dry	10	03/04/12 08:13 PM
Heptachlor epoxide	ND		0.13	mg/Kg-dry	10	03/04/12 08:13 PM
Methoxychlor	ND		0.13	mg/Kg-dry	10	03/04/12 08:13 PM
Toxaphene	ND		0.79	mg/Kg-dry	10	03/04/12 08:13 PM
Surr: Decachlorobiphenyl	100		45-135	%REC	10	03/04/12 08:13 PM
Surr: Tetrachloro-m-xylene	80.1		45-124	%REC	10	03/04/12 08:13 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-S01-S01-022212

Lab ID: 1202723-08

Collection Date: 02/22/12 02:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/28/12	Analyst: LR
Mercury	0.087		0.022	mg/Kg-dry	1	02/29/12 02:29 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/27/12	Analyst: RH
Aluminum	8,100		3.6	mg/Kg-dry	4	03/01/12 09:41 PM
Antimony	5.2		1.8	mg/Kg-dry	4	03/01/12 09:41 PM
Arsenic	11		1.8	mg/Kg-dry	4	03/01/12 09:41 PM
Barium	420		1.8	mg/Kg-dry	4	03/01/12 09:41 PM
Beryllium	ND		0.72	mg/Kg-dry	4	03/01/12 09:41 PM
Boron	92		72	mg/Kg-dry	40	03/05/12 02:34 PM
Cadmium	2.4		0.72	mg/Kg-dry	4	03/01/12 09:41 PM
Calcium	20,000		180	mg/Kg-dry	4	03/01/12 09:41 PM
Chromium	45		1.8	mg/Kg-dry	4	03/01/12 09:41 PM
Cobalt	19		1.8	mg/Kg-dry	4	03/01/12 09:41 PM
Copper	64		1.8	mg/Kg-dry	4	03/01/12 09:41 PM
Iron	29,000		29	mg/Kg-dry	4	03/01/12 09:41 PM
Lead	240		1.8	mg/Kg-dry	4	03/01/12 09:41 PM
Magnesium	6,200		72	mg/Kg-dry	4	03/01/12 09:41 PM
Manganese	470		1.8	mg/Kg-dry	4	03/01/12 09:41 PM
Nickel	36		1.8	mg/Kg-dry	4	03/01/12 09:41 PM
Potassium	1,700		72	mg/Kg-dry	4	03/01/12 09:41 PM
Selenium	ND		1.8	mg/Kg-dry	4	03/01/12 09:41 PM
Silver	ND		1.8	mg/Kg-dry	4	03/01/12 09:41 PM
Sodium	250		72	mg/Kg-dry	4	03/01/12 09:41 PM
Thallium	ND		1.8	mg/Kg-dry	4	03/01/12 09:41 PM
Vanadium	21		1.8	mg/Kg-dry	4	03/01/12 09:41 PM
Zinc	780		36	mg/Kg-dry	40	03/04/12 03:29 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/28/12	Analyst: HL
1,1'-Biphenyl	ND		2.2	mg/Kg-dry	5	03/05/12 08:30 PM
2,4,5-Trichlorophenol	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
2,4,6-Trichlorophenol	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
2,4-Dichlorophenol	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
2,4-Dimethylphenol	ND		2.2	mg/Kg-dry	5	03/05/12 08:30 PM
2,4-Dinitrophenol	ND		4.5	mg/Kg-dry	5	03/05/12 08:30 PM
2,4-Dinitrotoluene	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
2,6-Dinitrotoluene	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
2-Chloronaphthalene	ND		0.54	mg/Kg-dry	5	03/05/12 08:30 PM
2-Chlorophenol	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
2-Methylnaphthalene	ND		0.54	mg/Kg-dry	5	03/05/12 08:30 PM
2-Methylphenol	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-S01-S01-022212

Lab ID: 1202723-08

Collection Date: 02/22/12 02:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		4.5	mg/Kg-dry	5	03/05/12 08:30 PM
2-Nitrophenol	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
3,3'-Dichlorobenzidine	ND		4.5	mg/Kg-dry	5	03/05/12 08:30 PM
3-Nitroaniline	ND		4.5	mg/Kg-dry	5	03/05/12 08:30 PM
4,6-Dinitro-2-methylphenol	ND		2.2	mg/Kg-dry	5	03/05/12 08:30 PM
4-Bromophenyl phenyl ether	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
4-Chloro-3-methylphenol	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
4-Chloroaniline	ND		4.5	mg/Kg-dry	5	03/05/12 08:30 PM
4-Chlorophenyl phenyl ether	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
4-Methylphenol	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
4-Nitroaniline	ND		4.5	mg/Kg-dry	5	03/05/12 08:30 PM
4-Nitrophenol	ND		4.5	mg/Kg-dry	5	03/05/12 08:30 PM
Acenaphthene	ND		0.20	mg/Kg-dry	5	03/05/12 08:30 PM
Acenaphthylene	ND		0.20	mg/Kg-dry	5	03/05/12 08:30 PM
Acetophenone	ND		2.2	mg/Kg-dry	5	03/05/12 08:30 PM
Anthracene	ND		0.20	mg/Kg-dry	5	03/05/12 08:30 PM
Atrazine	ND		2.2	mg/Kg-dry	5	03/05/12 08:30 PM
Benzaldehyde	ND		2.2	mg/Kg-dry	5	03/05/12 08:30 PM
Benzo(a)anthracene	0.22		0.20	mg/Kg-dry	5	03/05/12 08:30 PM
Benzo(a)pyrene	0.57		0.20	mg/Kg-dry	5	03/05/12 08:30 PM
Benzo(b)fluoranthene	0.81		0.20	mg/Kg-dry	5	03/05/12 08:30 PM
Benzo(g,h,i)perylene	0.38		0.20	mg/Kg-dry	5	03/05/12 08:30 PM
Benzo(k)fluoranthene	0.36		0.20	mg/Kg-dry	5	03/05/12 08:30 PM
Bis(2-chloroethoxy)methane	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
Bis(2-chloroethyl)ether	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
Bis(2-chloroisopropyl)ether	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
Bis(2-ethylhexyl)phthalate	ND		2.2	mg/Kg-dry	5	03/05/12 08:30 PM
Butyl benzyl phthalate	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
Caprolactam	ND		2.2	mg/Kg-dry	5	03/05/12 08:30 PM
Carbazole	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
Chrysene	0.62		0.20	mg/Kg-dry	5	03/05/12 08:30 PM
Dibenzo(a,h)anthracene	ND		0.20	mg/Kg-dry	5	03/05/12 08:30 PM
Dibenzofuran	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
Diethyl phthalate	ND		2.2	mg/Kg-dry	5	03/05/12 08:30 PM
Dimethyl phthalate	ND		2.2	mg/Kg-dry	5	03/05/12 08:30 PM
Di-n-butyl phthalate	ND		2.2	mg/Kg-dry	5	03/05/12 08:30 PM
Di-n-octyl phthalate	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
Fluoranthene	1.0		0.20	mg/Kg-dry	5	03/05/12 08:30 PM
Fluorene	ND		0.20	mg/Kg-dry	5	03/05/12 08:30 PM
Hexachlorobenzene	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-S01-S01-022212

Lab ID: 1202723-08

Collection Date: 02/22/12 02:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
Hexachlorocyclopentadiene	ND		2.2	mg/Kg-dry	5	03/05/12 08:30 PM
Hexachloroethane	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
Indeno(1,2,3-cd)pyrene	0.30		0.20	mg/Kg-dry	5	03/05/12 08:30 PM
Isophorone	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
Naphthalene	ND		0.20	mg/Kg-dry	5	03/05/12 08:30 PM
Nitrobenzene	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
N-Nitrosodi-n-propylamine	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
N-Nitrosodiphenylamine	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
Pentachlorophenol	ND		2.2	mg/Kg-dry	5	03/05/12 08:30 PM
Phenanthrene	0.40		0.20	mg/Kg-dry	5	03/05/12 08:30 PM
Phenol	ND		1.1	mg/Kg-dry	5	03/05/12 08:30 PM
Pyrene	0.92		0.20	mg/Kg-dry	5	03/05/12 08:30 PM
<i>Surr: 2,4,6-Tribromophenol</i>	<i>64.4</i>		<i>34-140</i>	<i>%REC</i>	5	03/05/12 08:30 PM
<i>Surr: 2-Fluorobiphenyl</i>	<i>67.0</i>		<i>12-100</i>	<i>%REC</i>	5	03/05/12 08:30 PM
<i>Surr: 2-Fluorophenol</i>	<i>69.2</i>		<i>33-117</i>	<i>%REC</i>	5	03/05/12 08:30 PM
<i>Surr: 4-Terphenyl-d14</i>	<i>88.9</i>		<i>25-137</i>	<i>%REC</i>	5	03/05/12 08:30 PM
<i>Surr: Nitrobenzene-d5</i>	<i>66.8</i>		<i>37-107</i>	<i>%REC</i>	5	03/05/12 08:30 PM
<i>Surr: Phenol-d6</i>	<i>70.9</i>		<i>40-106</i>	<i>%REC</i>	5	03/05/12 08:30 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: AK

1,1,1-Trichloroethane	ND		0.070	mg/Kg-dry	50	03/04/12 06:55 AM
1,1,2,2-Tetrachloroethane	ND		0.14	mg/Kg-dry	50	03/04/12 06:55 AM
1,1,2-Trichloroethane	ND		0.14	mg/Kg-dry	50	03/04/12 06:55 AM
1,1,2-Trichlorotrifluoroethane	ND		0.070	mg/Kg-dry	50	03/04/12 06:55 AM
1,1-Dichloroethane	ND		0.070	mg/Kg-dry	50	03/04/12 06:55 AM
1,1-Dichloroethene	ND		0.070	mg/Kg-dry	50	03/04/12 06:55 AM
1,2,4-Trichlorobenzene	ND		0.070	mg/Kg-dry	50	03/04/12 06:55 AM
1,2-Dibromo-3-chloropropane	ND		0.14	mg/Kg-dry	50	03/04/12 06:55 AM
1,2-Dibromoethane	ND		0.10	mg/Kg-dry	50	03/04/12 06:55 AM
1,2-Dichlorobenzene	ND		0.070	mg/Kg-dry	50	03/04/12 06:55 AM
1,2-Dichloroethane	ND		0.070	mg/Kg-dry	50	03/04/12 06:55 AM
1,2-Dichloropropane	ND		0.24	mg/Kg-dry	50	03/04/12 06:55 AM
1,3-Dichlorobenzene	ND		0.070	mg/Kg-dry	50	03/04/12 06:55 AM
1,4-Dichlorobenzene	ND		0.070	mg/Kg-dry	50	03/04/12 06:55 AM
2-Butanone	ND		0.52	mg/Kg-dry	50	03/04/12 06:55 AM
2-Hexanone	ND		0.35	mg/Kg-dry	50	03/04/12 06:55 AM
4-Methyl-2-pentanone	ND		0.35	mg/Kg-dry	50	03/04/12 06:55 AM
Acetone	ND		0.31	mg/Kg-dry	50	03/04/12 06:55 AM
Benzene	ND		0.070	mg/Kg-dry	50	03/04/12 06:55 AM
Bromodichloromethane	ND		0.10	mg/Kg-dry	50	03/04/12 06:55 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-S01-S01-022212

Lab ID: 1202723-08

Collection Date: 02/22/12 02:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.070	mg/Kg-dry	50	03/04/12 06:55 AM
Bromomethane	ND		0.10	mg/Kg-dry	50	03/04/12 06:55 AM
Carbon disulfide	ND		0.10	mg/Kg-dry	50	03/04/12 06:55 AM
Carbon tetrachloride	ND		0.070	mg/Kg-dry	50	03/04/12 06:55 AM
Chlorobenzene	ND		0.10	mg/Kg-dry	50	03/04/12 06:55 AM
Chloroethane	ND		0.21	mg/Kg-dry	50	03/04/12 06:55 AM
Chloroform	ND		0.070	mg/Kg-dry	50	03/04/12 06:55 AM
Chloromethane	ND		0.21	mg/Kg-dry	50	03/04/12 06:55 AM
cis-1,2-Dichloroethene	ND		0.14	mg/Kg-dry	50	03/04/12 06:55 AM
cis-1,3-Dichloropropene	ND		0.070	mg/Kg-dry	50	03/04/12 06:55 AM
Cyclohexane	ND		0.070	mg/Kg-dry	50	03/04/12 06:55 AM
Dibromochloromethane	ND		0.14	mg/Kg-dry	50	03/04/12 06:55 AM
Dichlorodifluoromethane	ND		0.070	mg/Kg-dry	50	03/04/12 06:55 AM
Ethylbenzene	ND		0.14	mg/Kg-dry	50	03/04/12 06:55 AM
Isopropylbenzene	ND		0.070	mg/Kg-dry	50	03/04/12 06:55 AM
Methyl acetate	ND		0.21	mg/Kg-dry	50	03/04/12 06:55 AM
Methyl tert-butyl ether	ND		0.10	mg/Kg-dry	50	03/04/12 06:55 AM
Methylcyclohexane	ND		1.4	mg/Kg-dry	50	03/04/12 06:55 AM
Methylene chloride	ND		0.14	mg/Kg-dry	50	03/04/12 06:55 AM
Styrene	ND		0.10	mg/Kg-dry	50	03/04/12 06:55 AM
Tetrachloroethene	ND		0.070	mg/Kg-dry	50	03/04/12 06:55 AM
Toluene	ND		0.10	mg/Kg-dry	50	03/04/12 06:55 AM
trans-1,2-Dichloroethene	ND		0.070	mg/Kg-dry	50	03/04/12 06:55 AM
trans-1,3-Dichloropropene	ND		0.10	mg/Kg-dry	50	03/04/12 06:55 AM
Trichloroethene	ND		0.070	mg/Kg-dry	50	03/04/12 06:55 AM
Trichlorofluoromethane	ND		0.070	mg/Kg-dry	50	03/04/12 06:55 AM
Vinyl chloride	ND		0.14	mg/Kg-dry	50	03/04/12 06:55 AM
Xylenes, Total	ND		0.21	mg/Kg-dry	50	03/04/12 06:55 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	110		70-120	%REC	50	03/04/12 06:55 AM
<i>Surr: 4-Bromofluorobenzene</i>	100		75-120	%REC	50	03/04/12 06:55 AM
<i>Surr: Dibromofluoromethane</i>	99.1		85-115	%REC	50	03/04/12 06:55 AM
<i>Surr: Toluene-d8</i>	101		85-115	%REC	50	03/04/12 06:55 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/28/12	Analyst: MB
Chromium, Hexavalent	ND		0.70	mg/Kg-dry	1	03/02/12 03:30 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	28		0.050	% of sample	1	02/27/12 03:45 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-S01-S01-022212-DP

Lab ID: 1202723-09

Collection Date: 02/22/12 02:00 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		0.0079	mg/Kg-dry	1	02/29/12 10:11 PM
2,4,5-TP (Silvex)	ND		0.016	mg/Kg-dry	1	02/29/12 10:11 PM
2,4-D	ND		0.0079	mg/Kg-dry	1	02/29/12 10:11 PM
Surr: DCAA	84.0		30-150	%REC	1	02/29/12 10:11 PM
PCBS			SW8082		Prep Date: 03/02/12	Analyst: JD
Aroclor 1016	ND		0.063	mg/Kg-dry	1	03/04/12 11:07 PM
Aroclor 1221	ND		0.063	mg/Kg-dry	1	03/04/12 11:07 PM
Aroclor 1232	ND		0.063	mg/Kg-dry	1	03/04/12 11:07 PM
Aroclor 1242	ND		0.063	mg/Kg-dry	1	03/04/12 11:07 PM
Aroclor 1248	ND		0.063	mg/Kg-dry	1	03/04/12 11:07 PM
Aroclor 1254	0.39		0.063	mg/Kg-dry	1	03/04/12 11:07 PM
Aroclor 1260	ND		0.063	mg/Kg-dry	1	03/04/12 11:07 PM
Surr: Decachlorobiphenyl	71.1		40-140	%REC	1	03/04/12 11:07 PM
PESTICIDES			SW8081		Prep Date: 03/02/12	Analyst: RM
4,4'-DDD	ND		0.32	mg/Kg-dry	20	03/04/12 08:28 PM
4,4'-DDE	ND		0.32	mg/Kg-dry	20	03/04/12 08:28 PM
4,4'-DDT	ND		0.32	mg/Kg-dry	20	03/04/12 08:28 PM
Aldrin	ND		0.32	mg/Kg-dry	20	03/04/12 08:28 PM
alpha-BHC	ND		0.32	mg/Kg-dry	20	03/04/12 08:28 PM
alpha-Chlordane	ND		0.32	mg/Kg-dry	20	03/04/12 08:28 PM
beta-BHC	ND		0.32	mg/Kg-dry	20	03/04/12 08:28 PM
Chlordane, Technical	ND		0.79	mg/Kg-dry	20	03/04/12 08:28 PM
delta-BHC	ND		0.32	mg/Kg-dry	20	03/04/12 08:28 PM
Dieldrin	ND		0.32	mg/Kg-dry	20	03/04/12 08:28 PM
Endosulfan I	ND		0.32	mg/Kg-dry	20	03/04/12 08:28 PM
Endosulfan II	ND		0.32	mg/Kg-dry	20	03/04/12 08:28 PM
Endosulfan sulfate	ND		0.32	mg/Kg-dry	20	03/04/12 08:28 PM
Endrin	ND		0.32	mg/Kg-dry	20	03/04/12 08:28 PM
Endrin aldehyde	ND		0.32	mg/Kg-dry	20	03/04/12 08:28 PM
Endrin ketone	ND		0.32	mg/Kg-dry	20	03/04/12 08:28 PM
gamma-BHC (Lindane)	ND		0.32	mg/Kg-dry	20	03/04/12 08:28 PM
gamma-Chlordane	ND		0.32	mg/Kg-dry	20	03/04/12 08:28 PM
Heptachlor	ND		0.32	mg/Kg-dry	20	03/04/12 08:28 PM
Heptachlor epoxide	ND		0.32	mg/Kg-dry	20	03/04/12 08:28 PM
Methoxychlor	ND		0.32	mg/Kg-dry	20	03/04/12 08:28 PM
Toxaphene	ND		1.9	mg/Kg-dry	20	03/04/12 08:28 PM
Surr: Decachlorobiphenyl	100		45-135	%REC	20	03/04/12 08:28 PM
Surr: Tetrachloro-m-xylene	80.1		45-124	%REC	20	03/04/12 08:28 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-S01-S01-022212-DP

Lab ID: 1202723-09

Collection Date: 02/22/12 02:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/28/12	Analyst: LR
Mercury	0.089		0.027	mg/Kg-dry	1	02/29/12 02:32 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/27/12	Analyst: RH
Aluminum	6,400		4.0	mg/Kg-dry	4	03/01/12 09:45 PM
Antimony	3.1		2.0	mg/Kg-dry	4	03/01/12 09:45 PM
Arsenic	10		2.0	mg/Kg-dry	4	03/01/12 09:45 PM
Barium	420		2.0	mg/Kg-dry	4	03/01/12 09:45 PM
Beryllium	ND		0.80	mg/Kg-dry	4	03/01/12 09:45 PM
Boron	89		80	mg/Kg-dry	40	03/05/12 02:39 PM
Cadmium	1.2		0.80	mg/Kg-dry	4	03/01/12 09:45 PM
Calcium	48,000		200	mg/Kg-dry	4	03/01/12 09:45 PM
Chromium	27		2.0	mg/Kg-dry	4	03/01/12 09:45 PM
Cobalt	20		2.0	mg/Kg-dry	4	03/01/12 09:45 PM
Copper	36		2.0	mg/Kg-dry	4	03/01/12 09:45 PM
Iron	27,000		32	mg/Kg-dry	4	03/01/12 09:45 PM
Lead	130		2.0	mg/Kg-dry	4	03/01/12 09:45 PM
Magnesium	22,000		80	mg/Kg-dry	4	03/01/12 09:45 PM
Manganese	880		20	mg/Kg-dry	40	03/04/12 03:33 PM
Nickel	28		2.0	mg/Kg-dry	4	03/01/12 09:45 PM
Potassium	1,500		80	mg/Kg-dry	4	03/01/12 09:45 PM
Selenium	ND		2.0	mg/Kg-dry	4	03/01/12 09:45 PM
Silver	ND		2.0	mg/Kg-dry	4	03/01/12 09:45 PM
Sodium	280		80	mg/Kg-dry	4	03/01/12 09:45 PM
Thallium	ND		2.0	mg/Kg-dry	4	03/01/12 09:45 PM
Vanadium	17		2.0	mg/Kg-dry	4	03/01/12 09:45 PM
Zinc	450		4.0	mg/Kg-dry	4	03/01/12 09:45 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/28/12	Analyst: HL
1,1'-Biphenyl	ND		5.2	mg/Kg-dry	10	03/02/12 06:00 PM
2,4,5-Trichlorophenol	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
2,4,6-Trichlorophenol	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
2,4-Dichlorophenol	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
2,4-Dimethylphenol	ND		5.2	mg/Kg-dry	10	03/02/12 06:00 PM
2,4-Dinitrophenol	ND		10	mg/Kg-dry	10	03/02/12 06:00 PM
2,4-Dinitrotoluene	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
2,6-Dinitrotoluene	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
2-Chloronaphthalene	ND		1.3	mg/Kg-dry	10	03/02/12 06:00 PM
2-Chlorophenol	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
2-Methylnaphthalene	ND		1.3	mg/Kg-dry	10	03/02/12 06:00 PM
2-Methylphenol	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-S01-S01-022212-DP

Lab ID: 1202723-09

Collection Date: 02/22/12 02:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		10	mg/Kg-dry	10	03/02/12 06:00 PM
2-Nitrophenol	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
3,3'-Dichlorobenzidine	ND		10	mg/Kg-dry	10	03/02/12 06:00 PM
3-Nitroaniline	ND		10	mg/Kg-dry	10	03/02/12 06:00 PM
4,6-Dinitro-2-methylphenol	ND		5.2	mg/Kg-dry	10	03/02/12 06:00 PM
4-Bromophenyl phenyl ether	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
4-Chloro-3-methylphenol	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
4-Chloroaniline	ND		10	mg/Kg-dry	10	03/02/12 06:00 PM
4-Chlorophenyl phenyl ether	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
4-Methylphenol	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
4-Nitroaniline	ND		10	mg/Kg-dry	10	03/02/12 06:00 PM
4-Nitrophenol	ND		10	mg/Kg-dry	10	03/02/12 06:00 PM
Acenaphthene	ND		0.48	mg/Kg-dry	10	03/02/12 06:00 PM
Acenaphthylene	ND		0.48	mg/Kg-dry	10	03/02/12 06:00 PM
Acetophenone	ND		5.2	mg/Kg-dry	10	03/02/12 06:00 PM
Anthracene	0.51		0.48	mg/Kg-dry	10	03/02/12 06:00 PM
Atrazine	ND		5.2	mg/Kg-dry	10	03/02/12 06:00 PM
Benzaldehyde	ND		5.2	mg/Kg-dry	10	03/02/12 06:00 PM
Benzo(a)anthracene	1.5		0.48	mg/Kg-dry	10	03/02/12 06:00 PM
Benzo(a)pyrene	1.5		0.48	mg/Kg-dry	10	03/02/12 06:00 PM
Benzo(b)fluoranthene	1.9		0.48	mg/Kg-dry	10	03/02/12 06:00 PM
Benzo(g,h,i)perylene	1.1		0.48	mg/Kg-dry	10	03/02/12 06:00 PM
Benzo(k)fluoranthene	0.88		0.48	mg/Kg-dry	10	03/02/12 06:00 PM
Bis(2-chloroethoxy)methane	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
Bis(2-chloroethyl)ether	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
Bis(2-chloroisopropyl)ether	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
Bis(2-ethylhexyl)phthalate	ND		5.2	mg/Kg-dry	10	03/02/12 06:00 PM
Butyl benzyl phthalate	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
Caprolactam	ND		5.2	mg/Kg-dry	10	03/02/12 06:00 PM
Carbazole	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
Chrysene	1.7		0.48	mg/Kg-dry	10	03/02/12 06:00 PM
Dibenzo(a,h)anthracene	ND		0.48	mg/Kg-dry	10	03/02/12 06:00 PM
Dibenzofuran	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
Diethyl phthalate	ND		5.2	mg/Kg-dry	10	03/02/12 06:00 PM
Dimethyl phthalate	ND		5.2	mg/Kg-dry	10	03/02/12 06:00 PM
Di-n-butyl phthalate	ND		5.2	mg/Kg-dry	10	03/02/12 06:00 PM
Di-n-octyl phthalate	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
Fluoranthene	3.9		0.48	mg/Kg-dry	10	03/02/12 06:00 PM
Fluorene	ND		0.48	mg/Kg-dry	10	03/02/12 06:00 PM
Hexachlorobenzene	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-S01-S01-022212-DP

Lab ID: 1202723-09

Collection Date: 02/22/12 02:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
Hexachlorocyclopentadiene	ND		5.2	mg/Kg-dry	10	03/02/12 06:00 PM
Hexachloroethane	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
Indeno(1,2,3-cd)pyrene	0.91		0.48	mg/Kg-dry	10	03/02/12 06:00 PM
Isophorone	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
Naphthalene	ND		0.48	mg/Kg-dry	10	03/02/12 06:00 PM
Nitrobenzene	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
N-Nitrosodi-n-propylamine	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
N-Nitrosodiphenylamine	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
Pentachlorophenol	ND		5.2	mg/Kg-dry	10	03/02/12 06:00 PM
Phenanthrene	2.3		0.48	mg/Kg-dry	10	03/02/12 06:00 PM
Phenol	ND		2.5	mg/Kg-dry	10	03/02/12 06:00 PM
Pyrene	2.9		0.48	mg/Kg-dry	10	03/02/12 06:00 PM
Surr: 2,4,6-Tribromophenol	88.0		34-140	%REC	10	03/02/12 06:00 PM
Surr: 2-Fluorobiphenyl	72.6		12-100	%REC	10	03/02/12 06:00 PM
Surr: 2-Fluorophenol	62.2		33-117	%REC	10	03/02/12 06:00 PM
Surr: 4-Terphenyl-d14	93.4		25-137	%REC	10	03/02/12 06:00 PM
Surr: Nitrobenzene-d5	60.4		37-107	%REC	10	03/02/12 06:00 PM
Surr: Phenol-d6	60.4		40-106	%REC	10	03/02/12 06:00 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: RS

1,1,1-Trichloroethane	ND		0.080	mg/Kg-dry	50	03/04/12 07:51 PM
1,1,2,2-Tetrachloroethane	ND		0.16	mg/Kg-dry	50	03/04/12 07:51 PM
1,1,2-Trichloroethane	ND		0.16	mg/Kg-dry	50	03/04/12 07:51 PM
1,1,2-Trichlorotrifluoroethane	ND		0.080	mg/Kg-dry	50	03/04/12 07:51 PM
1,1-Dichloroethane	ND		0.080	mg/Kg-dry	50	03/04/12 07:51 PM
1,1-Dichloroethene	ND		0.080	mg/Kg-dry	50	03/04/12 07:51 PM
1,2,4-Trichlorobenzene	ND		0.080	mg/Kg-dry	50	03/04/12 07:51 PM
1,2-Dibromo-3-chloropropane	ND		0.16	mg/Kg-dry	50	03/04/12 07:51 PM
1,2-Dibromoethane	ND		0.12	mg/Kg-dry	50	03/04/12 07:51 PM
1,2-Dichlorobenzene	ND		0.080	mg/Kg-dry	50	03/04/12 07:51 PM
1,2-Dichloroethane	ND		0.080	mg/Kg-dry	50	03/04/12 07:51 PM
1,2-Dichloropropane	ND		0.28	mg/Kg-dry	50	03/04/12 07:51 PM
1,3-Dichlorobenzene	ND		0.080	mg/Kg-dry	50	03/04/12 07:51 PM
1,4-Dichlorobenzene	ND		0.080	mg/Kg-dry	50	03/04/12 07:51 PM
2-Butanone	ND		0.60	mg/Kg-dry	50	03/04/12 07:51 PM
2-Hexanone	ND		0.40	mg/Kg-dry	50	03/04/12 07:51 PM
4-Methyl-2-pentanone	ND		0.40	mg/Kg-dry	50	03/04/12 07:51 PM
Acetone	ND		0.36	mg/Kg-dry	50	03/04/12 07:51 PM
Benzene	ND		0.080	mg/Kg-dry	50	03/04/12 07:51 PM
Bromodichloromethane	ND		0.12	mg/Kg-dry	50	03/04/12 07:51 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-S01-S01-022212-DP

Lab ID: 1202723-09

Collection Date: 02/22/12 02:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.080	mg/Kg-dry	50	03/04/12 07:51 PM
Bromomethane	ND		0.12	mg/Kg-dry	50	03/04/12 07:51 PM
Carbon disulfide	ND		0.12	mg/Kg-dry	50	03/04/12 07:51 PM
Carbon tetrachloride	ND		0.080	mg/Kg-dry	50	03/04/12 07:51 PM
Chlorobenzene	ND		0.12	mg/Kg-dry	50	03/04/12 07:51 PM
Chloroethane	ND		0.24	mg/Kg-dry	50	03/04/12 07:51 PM
Chloroform	ND		0.080	mg/Kg-dry	50	03/04/12 07:51 PM
Chloromethane	ND		0.24	mg/Kg-dry	50	03/04/12 07:51 PM
cis-1,2-Dichloroethene	ND		0.16	mg/Kg-dry	50	03/04/12 07:51 PM
cis-1,3-Dichloropropene	ND		0.080	mg/Kg-dry	50	03/04/12 07:51 PM
Cyclohexane	ND		0.080	mg/Kg-dry	50	03/04/12 07:51 PM
Dibromochloromethane	ND		0.16	mg/Kg-dry	50	03/04/12 07:51 PM
Dichlorodifluoromethane	ND		0.080	mg/Kg-dry	50	03/04/12 07:51 PM
Ethylbenzene	ND		0.16	mg/Kg-dry	50	03/04/12 07:51 PM
Isopropylbenzene	ND		0.080	mg/Kg-dry	50	03/04/12 07:51 PM
Methyl acetate	ND		0.56	mg/Kg-dry	50	03/04/12 07:51 PM
Methyl tert-butyl ether	ND		0.12	mg/Kg-dry	50	03/04/12 07:51 PM
Methylcyclohexane	ND		1.6	mg/Kg-dry	50	03/04/12 07:51 PM
Methylene chloride	ND		0.16	mg/Kg-dry	50	03/04/12 07:51 PM
Styrene	ND		0.12	mg/Kg-dry	50	03/04/12 07:51 PM
Tetrachloroethene	ND		0.080	mg/Kg-dry	50	03/04/12 07:51 PM
Toluene	ND		0.12	mg/Kg-dry	50	03/04/12 07:51 PM
trans-1,2-Dichloroethene	ND		0.080	mg/Kg-dry	50	03/04/12 07:51 PM
trans-1,3-Dichloropropene	ND		0.12	mg/Kg-dry	50	03/04/12 07:51 PM
Trichloroethene	ND		0.080	mg/Kg-dry	50	03/04/12 07:51 PM
Trichlorofluoromethane	ND		0.080	mg/Kg-dry	50	03/04/12 07:51 PM
Vinyl chloride	ND		0.16	mg/Kg-dry	50	03/04/12 07:51 PM
Xylenes, Total	ND		0.24	mg/Kg-dry	50	03/04/12 07:51 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	102		70-120	%REC	50	03/04/12 07:51 PM
<i>Surr: 4-Bromofluorobenzene</i>	101		75-120	%REC	50	03/04/12 07:51 PM
<i>Surr: Dibromofluoromethane</i>	92.2		85-115	%REC	50	03/04/12 07:51 PM
<i>Surr: Toluene-d8</i>	103		85-115	%REC	50	03/04/12 07:51 PM

CHROMIUM, HEXAVALENT

Chromium, Hexavalent

ND

SW7196A

0.80 mg/Kg-dry

Prep Date: 02/28/12

1

Analyst: MB

03/02/12 03:30 PM

MOISTURE

Moisture

37

A2540 G

0.050 % of sample

1

Analyst: CG

02/27/12 03:45 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-S02-S01-022212

Lab ID: 1202723-10

Collection Date: 02/22/12 03:30 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		0.011	mg/Kg-dry	1	02/29/12 10:20 PM
2,4,5-TP (Silvex)	ND		0.021	mg/Kg-dry	1	02/29/12 10:20 PM
2,4-D	ND		0.011	mg/Kg-dry	1	02/29/12 10:20 PM
Surr: DCAA	96.0		30-150	%REC	1	02/29/12 10:20 PM
PCBS			SW8082		Prep Date: 03/02/12	Analyst: JD
Aroclor 1016	ND		0.081	mg/Kg-dry	1	03/04/12 11:27 PM
Aroclor 1221	ND		0.081	mg/Kg-dry	1	03/04/12 11:27 PM
Aroclor 1232	ND		0.081	mg/Kg-dry	1	03/04/12 11:27 PM
Aroclor 1242	ND		0.081	mg/Kg-dry	1	03/04/12 11:27 PM
Aroclor 1248	ND		0.081	mg/Kg-dry	1	03/04/12 11:27 PM
Aroclor 1254	0.16		0.081	mg/Kg-dry	1	03/04/12 11:27 PM
Aroclor 1260	ND		0.081	mg/Kg-dry	1	03/04/12 11:27 PM
Surr: Decachlorobiphenyl	86.1		40-140	%REC	1	03/04/12 11:27 PM
PESTICIDES			SW8081		Prep Date: 03/02/12	Analyst: RM
4,4'-DDD	ND		1.0	mg/Kg-dry	50	03/04/12 08:43 PM
4,4'-DDE	ND		1.0	mg/Kg-dry	50	03/04/12 08:43 PM
4,4'-DDT	ND		1.0	mg/Kg-dry	50	03/04/12 08:43 PM
Aldrin	ND		1.0	mg/Kg-dry	50	03/04/12 08:43 PM
alpha-BHC	ND		1.0	mg/Kg-dry	50	03/04/12 08:43 PM
alpha-Chlordane	ND		1.0	mg/Kg-dry	50	03/04/12 08:43 PM
beta-BHC	ND		1.0	mg/Kg-dry	50	03/04/12 08:43 PM
Chlordane, Technical	ND		2.5	mg/Kg-dry	50	03/04/12 08:43 PM
delta-BHC	ND		1.0	mg/Kg-dry	50	03/04/12 08:43 PM
Dieldrin	ND		1.0	mg/Kg-dry	50	03/04/12 08:43 PM
Endosulfan I	ND		1.0	mg/Kg-dry	50	03/04/12 08:43 PM
Endosulfan II	ND		1.0	mg/Kg-dry	50	03/04/12 08:43 PM
Endosulfan sulfate	ND		1.0	mg/Kg-dry	50	03/04/12 08:43 PM
Endrin	ND		1.0	mg/Kg-dry	50	03/04/12 08:43 PM
Endrin aldehyde	ND		1.0	mg/Kg-dry	50	03/04/12 08:43 PM
Endrin ketone	ND		1.0	mg/Kg-dry	50	03/04/12 08:43 PM
gamma-BHC (Lindane)	ND		1.0	mg/Kg-dry	50	03/04/12 08:43 PM
gamma-Chlordane	ND		1.0	mg/Kg-dry	50	03/04/12 08:43 PM
Heptachlor	ND		1.0	mg/Kg-dry	50	03/04/12 08:43 PM
Heptachlor epoxide	ND		1.0	mg/Kg-dry	50	03/04/12 08:43 PM
Methoxychlor	ND		1.0	mg/Kg-dry	50	03/04/12 08:43 PM
Toxaphene	ND		6.1	mg/Kg-dry	50	03/04/12 08:43 PM
Surr: Decachlorobiphenyl	100		45-135	%REC	50	03/04/12 08:43 PM
Surr: Tetrachloro-m-xylene	100		45-124	%REC	50	03/04/12 08:43 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-S02-S01-022212

Lab ID: 1202723-10

Collection Date: 02/22/12 03:30 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/28/12	Analyst: LR
Mercury	0.26		0.033	mg/Kg-dry	1	02/29/12 02:34 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/27/12	Analyst: RH
Aluminum	6,600		6.1	mg/Kg-dry	4	03/01/12 09:50 PM
Antimony	5.8		3.1	mg/Kg-dry	4	03/01/12 09:50 PM
Arsenic	6.5		3.1	mg/Kg-dry	4	03/01/12 09:50 PM
Barium	250		3.1	mg/Kg-dry	4	03/01/12 09:50 PM
Beryllium	ND		1.2	mg/Kg-dry	4	03/01/12 09:50 PM
Boron	400		120	mg/Kg-dry	40	03/05/12 02:43 PM
Cadmium	ND		1.2	mg/Kg-dry	4	03/01/12 09:50 PM
Calcium	180,000		3,100	mg/Kg-dry	40	03/05/12 02:43 PM
Chromium	12		3.1	mg/Kg-dry	4	03/01/12 09:50 PM
Cobalt	45		3.1	mg/Kg-dry	4	03/01/12 09:50 PM
Copper	110		3.1	mg/Kg-dry	4	03/01/12 09:50 PM
Iron	16,000		49	mg/Kg-dry	4	03/01/12 09:50 PM
Lead	28		3.1	mg/Kg-dry	4	03/01/12 09:50 PM
Magnesium	12,000		120	mg/Kg-dry	4	03/01/12 09:50 PM
Manganese	640		3.1	mg/Kg-dry	4	03/01/12 09:50 PM
Nickel	37		3.1	mg/Kg-dry	4	03/01/12 09:50 PM
Potassium	2,300		120	mg/Kg-dry	4	03/01/12 09:50 PM
Selenium	ND		3.1	mg/Kg-dry	4	03/01/12 09:50 PM
Silver	ND		3.1	mg/Kg-dry	4	03/01/12 09:50 PM
Sodium	1,300		120	mg/Kg-dry	4	03/01/12 09:50 PM
Thallium	ND		3.1	mg/Kg-dry	4	03/01/12 09:50 PM
Vanadium	16		3.1	mg/Kg-dry	4	03/01/12 09:50 PM
Zinc	120		6.1	mg/Kg-dry	4	03/01/12 09:50 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/28/12	Analyst: HL
1,1'-Biphenyl	ND		0.71	mg/Kg-dry	1	03/05/12 09:49 PM
2,4,5-Trichlorophenol	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
2,4,6-Trichlorophenol	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
2,4-Dichlorophenol	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
2,4-Dimethylphenol	ND		0.71	mg/Kg-dry	1	03/05/12 09:49 PM
2,4-Dinitrophenol	ND		1.4	mg/Kg-dry	1	03/05/12 09:49 PM
2,4-Dinitrotoluene	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
2,6-Dinitrotoluene	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
2-Chloronaphthalene	ND		0.17	mg/Kg-dry	1	03/05/12 09:49 PM
2-Chlorophenol	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
2-Methylnaphthalene	ND		0.17	mg/Kg-dry	1	03/05/12 09:49 PM
2-Methylphenol	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-S02-S01-022212

Lab ID: 1202723-10

Collection Date: 02/22/12 03:30 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		1.4	mg/Kg-dry	1	03/05/12 09:49 PM
2-Nitrophenol	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
3,3'-Dichlorobenzidine	ND		1.4	mg/Kg-dry	1	03/05/12 09:49 PM
3-Nitroaniline	ND		1.4	mg/Kg-dry	1	03/05/12 09:49 PM
4,6-Dinitro-2-methylphenol	ND		0.71	mg/Kg-dry	1	03/05/12 09:49 PM
4-Bromophenyl phenyl ether	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
4-Chloro-3-methylphenol	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
4-Chloroaniline	ND		1.4	mg/Kg-dry	1	03/05/12 09:49 PM
4-Chlorophenyl phenyl ether	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
4-Methylphenol	1.1		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
4-Nitroaniline	ND		1.4	mg/Kg-dry	1	03/05/12 09:49 PM
4-Nitrophenol	ND		1.4	mg/Kg-dry	1	03/05/12 09:49 PM
Acenaphthene	ND		0.064	mg/Kg-dry	1	03/05/12 09:49 PM
Acenaphthylene	ND		0.064	mg/Kg-dry	1	03/05/12 09:49 PM
Acetophenone	ND		0.71	mg/Kg-dry	1	03/05/12 09:49 PM
Anthracene	ND		0.064	mg/Kg-dry	1	03/05/12 09:49 PM
Atrazine	ND		0.71	mg/Kg-dry	1	03/05/12 09:49 PM
Benzaldehyde	ND		0.71	mg/Kg-dry	1	03/05/12 09:49 PM
Benzo(a)anthracene	0.23		0.064	mg/Kg-dry	1	03/05/12 09:49 PM
Benzo(a)pyrene	0.33		0.064	mg/Kg-dry	1	03/05/12 09:49 PM
Benzo(b)fluoranthene	0.52		0.064	mg/Kg-dry	1	03/05/12 09:49 PM
Benzo(g,h,i)perylene	0.18		0.064	mg/Kg-dry	1	03/05/12 09:49 PM
Benzo(k)fluoranthene	0.16		0.064	mg/Kg-dry	1	03/05/12 09:49 PM
Bis(2-chloroethoxy)methane	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
Bis(2-chloroethyl)ether	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
Bis(2-chloroisopropyl)ether	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
Bis(2-ethylhexyl)phthalate	ND		0.71	mg/Kg-dry	1	03/05/12 09:49 PM
Butyl benzyl phthalate	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
Caprolactam	ND		0.71	mg/Kg-dry	1	03/05/12 09:49 PM
Carbazole	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
Chrysene	0.37		0.064	mg/Kg-dry	1	03/05/12 09:49 PM
Dibenzo(a,h)anthracene	ND		0.064	mg/Kg-dry	1	03/05/12 09:49 PM
Dibenzofuran	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
Diethyl phthalate	ND		0.71	mg/Kg-dry	1	03/05/12 09:49 PM
Dimethyl phthalate	ND		0.71	mg/Kg-dry	1	03/05/12 09:49 PM
Di-n-butyl phthalate	ND		0.71	mg/Kg-dry	1	03/05/12 09:49 PM
Di-n-octyl phthalate	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
Fluoranthene	0.69		0.064	mg/Kg-dry	1	03/05/12 09:49 PM
Fluorene	ND		0.064	mg/Kg-dry	1	03/05/12 09:49 PM
Hexachlorobenzene	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-S02-S01-022212

Lab ID: 1202723-10

Collection Date: 02/22/12 03:30 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
Hexachlorocyclopentadiene	ND		0.71	mg/Kg-dry	1	03/05/12 09:49 PM
Hexachloroethane	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
Indeno(1,2,3-cd)pyrene	0.15		0.064	mg/Kg-dry	1	03/05/12 09:49 PM
Isophorone	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
Naphthalene	ND		0.064	mg/Kg-dry	1	03/05/12 09:49 PM
Nitrobenzene	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
N-Nitrosodi-n-propylamine	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
N-Nitrosodiphenylamine	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
Pentachlorophenol	ND		0.71	mg/Kg-dry	1	03/05/12 09:49 PM
Phenanthrene	0.32		0.064	mg/Kg-dry	1	03/05/12 09:49 PM
Phenol	ND		0.34	mg/Kg-dry	1	03/05/12 09:49 PM
Pyrene	0.56		0.064	mg/Kg-dry	1	03/05/12 09:49 PM
Surr: 2,4,6-Tribromophenol	55.1		34-140	%REC	1	03/05/12 09:49 PM
Surr: 2-Fluorobiphenyl	52.6		12-100	%REC	1	03/05/12 09:49 PM
Surr: 2-Fluorophenol	52.7		33-117	%REC	1	03/05/12 09:49 PM
Surr: 4-Terphenyl-d14	63.5		25-137	%REC	1	03/05/12 09:49 PM
Surr: Nitrobenzene-d5	48.0		37-107	%REC	1	03/05/12 09:49 PM
Surr: Phenol-d6	52.3		40-106	%REC	1	03/05/12 09:49 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: RS

1,1,1-Trichloroethane	ND		0.11	mg/Kg-dry	50	03/04/12 11:02 PM
1,1,2,2-Tetrachloroethane	ND		0.22	mg/Kg-dry	50	03/04/12 11:02 PM
1,1,2-Trichloroethane	ND		0.22	mg/Kg-dry	50	03/04/12 11:02 PM
1,1,2-Trichlorotrifluoroethane	ND		0.11	mg/Kg-dry	50	03/04/12 11:02 PM
1,1-Dichloroethane	ND		0.11	mg/Kg-dry	50	03/04/12 11:02 PM
1,1-Dichloroethene	ND		0.11	mg/Kg-dry	50	03/04/12 11:02 PM
1,2,4-Trichlorobenzene	ND		0.11	mg/Kg-dry	50	03/04/12 11:02 PM
1,2-Dibromo-3-chloropropane	ND		0.22	mg/Kg-dry	50	03/04/12 11:02 PM
1,2-Dibromoethane	ND		0.16	mg/Kg-dry	50	03/04/12 11:02 PM
1,2-Dichlorobenzene	ND		0.11	mg/Kg-dry	50	03/04/12 11:02 PM
1,2-Dichloroethane	ND		0.11	mg/Kg-dry	50	03/04/12 11:02 PM
1,2-Dichloropropane	ND		0.38	mg/Kg-dry	50	03/04/12 11:02 PM
1,3-Dichlorobenzene	ND		0.11	mg/Kg-dry	50	03/04/12 11:02 PM
1,4-Dichlorobenzene	ND		0.11	mg/Kg-dry	50	03/04/12 11:02 PM
2-Butanone	ND		0.81	mg/Kg-dry	50	03/04/12 11:02 PM
2-Hexanone	ND		0.54	mg/Kg-dry	50	03/04/12 11:02 PM
4-Methyl-2-pentanone	ND		0.54	mg/Kg-dry	50	03/04/12 11:02 PM
Acetone	ND		0.48	mg/Kg-dry	50	03/04/12 11:02 PM
Benzene	ND		0.11	mg/Kg-dry	50	03/04/12 11:02 PM
Bromodichloromethane	ND		0.16	mg/Kg-dry	50	03/04/12 11:02 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-S02-S01-022212

Lab ID: 1202723-10

Collection Date: 02/22/12 03:30 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.11	mg/Kg-dry	50	03/04/12 11:02 PM
Bromomethane	ND		0.16	mg/Kg-dry	50	03/04/12 11:02 PM
Carbon disulfide	ND		0.16	mg/Kg-dry	50	03/04/12 11:02 PM
Carbon tetrachloride	ND		0.11	mg/Kg-dry	50	03/04/12 11:02 PM
Chlorobenzene	ND		0.16	mg/Kg-dry	50	03/04/12 11:02 PM
Chloroethane	ND		0.32	mg/Kg-dry	50	03/04/12 11:02 PM
Chloroform	ND		0.11	mg/Kg-dry	50	03/04/12 11:02 PM
Chloromethane	ND		0.32	mg/Kg-dry	50	03/04/12 11:02 PM
cis-1,2-Dichloroethene	ND		0.22	mg/Kg-dry	50	03/04/12 11:02 PM
cis-1,3-Dichloropropene	ND		0.11	mg/Kg-dry	50	03/04/12 11:02 PM
Cyclohexane	ND		0.11	mg/Kg-dry	50	03/04/12 11:02 PM
Dibromochloromethane	ND		0.22	mg/Kg-dry	50	03/04/12 11:02 PM
Dichlorodifluoromethane	ND		0.11	mg/Kg-dry	50	03/04/12 11:02 PM
Ethylbenzene	ND		0.22	mg/Kg-dry	50	03/04/12 11:02 PM
Isopropylbenzene	ND		0.11	mg/Kg-dry	50	03/04/12 11:02 PM
Methyl acetate	ND		7.0	mg/Kg-dry	50	03/04/12 11:02 PM
Methyl tert-butyl ether	ND		0.16	mg/Kg-dry	50	03/04/12 11:02 PM
Methylcyclohexane	ND		2.2	mg/Kg-dry	50	03/04/12 11:02 PM
Methylene chloride	ND		0.22	mg/Kg-dry	50	03/04/12 11:02 PM
Styrene	ND		0.16	mg/Kg-dry	50	03/04/12 11:02 PM
Tetrachloroethene	ND		0.11	mg/Kg-dry	50	03/04/12 11:02 PM
Toluene	ND		0.16	mg/Kg-dry	50	03/04/12 11:02 PM
trans-1,2-Dichloroethene	ND		0.11	mg/Kg-dry	50	03/04/12 11:02 PM
trans-1,3-Dichloropropene	ND		0.16	mg/Kg-dry	50	03/04/12 11:02 PM
Trichloroethene	ND		0.11	mg/Kg-dry	50	03/04/12 11:02 PM
Trichlorofluoromethane	ND		0.11	mg/Kg-dry	50	03/04/12 11:02 PM
Vinyl chloride	ND		0.22	mg/Kg-dry	50	03/04/12 11:02 PM
Xylenes, Total	ND		0.32	mg/Kg-dry	50	03/04/12 11:02 PM
Surr: 1,2-Dichloroethane-d4	103		70-120	%REC	50	03/04/12 11:02 PM
Surr: 4-Bromofluorobenzene	101		75-120	%REC	50	03/04/12 11:02 PM
Surr: Dibromofluoromethane	92.6		85-115	%REC	50	03/04/12 11:02 PM
Surr: Toluene-d8	103		85-115	%REC	50	03/04/12 11:02 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/28/12	Analyst: MB
Chromium, Hexavalent	ND		1.1	mg/Kg-dry	1	03/02/12 03:30 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	54		0.050	% of sample	1	02/27/12 03:45 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B01-S01-022212

Lab ID: 1202723-11

Collection Date: 02/22/12 09:30 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 03/01/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	03/05/12 01:55 AM
2,4-D	ND		0.0050	mg/L	1	03/05/12 01:55 AM
Surr: DCAA	101		30-150	%REC	1	03/05/12 01:55 AM
TCLP PESTICIDES			SW8081		Prep Date: 02/28/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 05:15 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 05:15 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 05:15 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 05:15 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 05:15 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 05:15 AM
Surr: Decachlorobiphenyl	91.0		30-135	%REC	1	03/02/12 05:15 AM
Surr: Tetrachloro-m-xylene	59.0		25-140	%REC	1	03/02/12 05:15 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/28/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/29/12 01:16 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/28/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/29/12 06:57 AM
Barium	2.3		0.050	mg/L	1	02/29/12 06:57 AM
Cadmium	0.033		0.0020	mg/L	1	02/29/12 06:57 AM
Chromium	ND		0.020	mg/L	1	02/29/12 06:57 AM
Lead	3.4		0.010	mg/L	1	02/29/12 06:57 AM
Selenium	ND		0.020	mg/L	1	02/29/12 06:57 AM
Silver	ND		0.0050	mg/L	1	02/29/12 10:32 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/28/12	Analyst: CW
1,4-Dichlorobenzene	ND		0.10	mg/L	1	03/02/12 02:43 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	03/02/12 02:43 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	03/02/12 02:43 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	03/02/12 02:43 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	03/02/12 02:43 AM
Hexachlorobenzene	ND		0.10	mg/L	1	03/02/12 02:43 AM
Hexachloroethane	ND		0.10	mg/L	1	03/02/12 02:43 AM
m-Cresol	ND		0.10	mg/L	1	03/02/12 02:43 AM
Nitrobenzene	ND		0.10	mg/L	1	03/02/12 02:43 AM
o-Cresol	ND		0.10	mg/L	1	03/02/12 02:43 AM
p-Cresol	ND		0.10	mg/L	1	03/02/12 02:43 AM
Pentachlorophenol	ND		0.40	mg/L	1	03/02/12 02:43 AM
Pyridine	ND		0.40	mg/L	1	03/02/12 02:43 AM
Surr: 2,4,6-Tribromophenol	79.9		21-125	%REC	1	03/02/12 02:43 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B01-S01-022212

Lab ID: 1202723-11

Collection Date: 02/22/12 09:30 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	65.2		39-94	%REC	1	03/02/12 02:43 AM
Surr: 2-Fluorophenol	42.3		10-75	%REC	1	03/02/12 02:43 AM
Surr: 4-Terphenyl-d14	72.3		26-119	%REC	1	03/02/12 02:43 AM
Surr: Nitrobenzene-d5	39.2	S	41-104	%REC	1	03/02/12 02:43 AM
Surr: Phenol-d6	25.0		11-50	%REC	1	03/02/12 02:43 AM

TCLP VOLATILE ORGANICS

SW8260

Prep Date: 02/26/12

Analyst: RS

1,1-Dichloroethene	ND		0.020	mg/L	20	03/04/12 05:08 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/04/12 05:08 AM
2-Butanone	ND		0.20	mg/L	20	03/04/12 05:08 AM
Benzene	ND		0.020	mg/L	20	03/04/12 05:08 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/04/12 05:08 AM
Chlorobenzene	ND		0.020	mg/L	20	03/04/12 05:08 AM
Chloroform	ND		0.020	mg/L	20	03/04/12 05:08 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/04/12 05:08 AM
Trichloroethene	ND		0.020	mg/L	20	03/04/12 05:08 AM
Vinyl chloride	ND		0.020	mg/L	20	03/04/12 05:08 AM
Surr: 1,2-Dichloroethane-d4	103		70-130	%REC	20	03/04/12 05:08 AM
Surr: 4-Bromofluorobenzene	97.4		70-130	%REC	20	03/04/12 05:08 AM
Surr: Dibromofluoromethane	101		70-130	%REC	20	03/04/12 05:08 AM
Surr: Toluene-d8	101		70-130	%REC	20	03/04/12 05:08 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B02-S01-022212

Lab ID: 1202723-12

Collection Date: 02/22/12 10:25 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 03/01/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	03/05/12 02:04 AM
2,4-D	ND		0.0050	mg/L	1	03/05/12 02:04 AM
Surr: DCAA	103		30-150	%REC	1	03/05/12 02:04 AM
TCLP PESTICIDES			SW8081		Prep Date: 03/01/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 06:59 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 06:59 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 06:59 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 06:59 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 06:59 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 06:59 AM
Surr: Decachlorobiphenyl	79.0		30-135	%REC	1	03/02/12 06:59 AM
Surr: Tetrachloro-m-xylene	56.0		25-140	%REC	1	03/02/12 06:59 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/28/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/29/12 01:18 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/28/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/29/12 07:02 AM
Barium	0.75		0.050	mg/L	1	02/29/12 07:02 AM
Cadmium	ND		0.0020	mg/L	1	02/29/12 07:02 AM
Chromium	ND		0.020	mg/L	1	02/29/12 07:02 AM
Lead	0.052		0.010	mg/L	1	02/29/12 07:02 AM
Selenium	ND		0.020	mg/L	1	02/29/12 07:02 AM
Silver	ND		0.0050	mg/L	1	02/29/12 10:37 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/28/12	Analyst: CW
1,4-Dichlorobenzene	ND		0.10	mg/L	1	02/29/12 02:27 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	02/29/12 02:27 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	02/29/12 02:27 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	02/29/12 02:27 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	02/29/12 02:27 PM
Hexachlorobenzene	ND		0.10	mg/L	1	02/29/12 02:27 PM
Hexachloroethane	ND		0.10	mg/L	1	02/29/12 02:27 PM
m-Cresol	ND		0.10	mg/L	1	02/29/12 02:27 PM
Nitrobenzene	ND		0.10	mg/L	1	02/29/12 02:27 PM
o-Cresol	ND		0.10	mg/L	1	02/29/12 02:27 PM
p-Cresol	ND		0.10	mg/L	1	02/29/12 02:27 PM
Pentachlorophenol	ND		0.40	mg/L	1	02/29/12 02:27 PM
Pyridine	ND		0.40	mg/L	1	02/29/12 02:27 PM
Surr: 2,4,6-Tribromophenol	57.7		21-125	%REC	1	02/29/12 02:27 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B02-S01-022212

Lab ID: 1202723-12

Collection Date: 02/22/12 10:25 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	59.2		39-94	%REC	1	02/29/12 02:27 PM
<i>Surr: 2-Fluorophenol</i>	41.5		10-75	%REC	1	02/29/12 02:27 PM
<i>Surr: 4-Terphenyl-d14</i>	66.8		26-119	%REC	1	02/29/12 02:27 PM
<i>Surr: Nitrobenzene-d5</i>	63.6		41-104	%REC	1	02/29/12 02:27 PM
<i>Surr: Phenol-d6</i>	24.9		11-50	%REC	1	02/29/12 02:27 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/26/12	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	03/04/12 05:31 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/04/12 05:31 AM
2-Butanone	ND		0.20	mg/L	20	03/04/12 05:31 AM
Benzene	ND		0.020	mg/L	20	03/04/12 05:31 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/04/12 05:31 AM
Chlorobenzene	ND		0.020	mg/L	20	03/04/12 05:31 AM
Chloroform	ND		0.020	mg/L	20	03/04/12 05:31 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/04/12 05:31 AM
Trichloroethene	ND		0.020	mg/L	20	03/04/12 05:31 AM
Vinyl chloride	ND		0.020	mg/L	20	03/04/12 05:31 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	104		70-130	%REC	20	03/04/12 05:31 AM
<i>Surr: 4-Bromofluorobenzene</i>	96.3		70-130	%REC	20	03/04/12 05:31 AM
<i>Surr: Dibromofluoromethane</i>	101		70-130	%REC	20	03/04/12 05:31 AM
<i>Surr: Toluene-d8</i>	101		70-130	%REC	20	03/04/12 05:31 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B03-S01-022212

Lab ID: 1202723-13

Collection Date: 02/22/12 11:50 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 03/01/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	03/05/12 02:14 AM
2,4-D	ND		0.0050	mg/L	1	03/05/12 02:14 AM
Surr: DCAA	119		30-150	%REC	1	03/05/12 02:14 AM
TCLP PESTICIDES			SW8081		Prep Date: 03/01/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 07:44 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 07:44 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 07:44 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 07:44 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 07:44 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 07:44 AM
Surr: Decachlorobiphenyl	63.0		30-135	%REC	1	03/02/12 07:44 AM
Surr: Tetrachloro-m-xylene	64.0		25-140	%REC	1	03/02/12 07:44 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/28/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/29/12 01:21 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/28/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/29/12 07:07 AM
Barium	1.4		0.050	mg/L	1	02/29/12 07:07 AM
Cadmium	ND		0.0020	mg/L	1	02/29/12 07:07 AM
Chromium	ND		0.020	mg/L	1	02/29/12 07:07 AM
Lead	ND		0.010	mg/L	1	02/29/12 07:07 AM
Selenium	ND		0.020	mg/L	1	02/29/12 07:07 AM
Silver	ND		0.0050	mg/L	1	02/29/12 10:42 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/28/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	03/01/12 05:24 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 05:24 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 05:24 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	03/01/12 05:24 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	03/01/12 05:24 PM
Hexachlorobenzene	ND		0.10	mg/L	1	03/01/12 05:24 PM
Hexachloroethane	ND		0.10	mg/L	1	03/01/12 05:24 PM
m-Cresol	ND		0.10	mg/L	1	03/01/12 05:24 PM
Nitrobenzene	ND		0.10	mg/L	1	03/01/12 05:24 PM
o-Cresol	ND		0.10	mg/L	1	03/01/12 05:24 PM
p-Cresol	ND		0.10	mg/L	1	03/01/12 05:24 PM
Pentachlorophenol	ND		0.40	mg/L	1	03/01/12 05:24 PM
Pyridine	ND		0.40	mg/L	1	03/01/12 05:24 PM
Surr: 2,4,6-Tribromophenol	70.5		21-125	%REC	1	03/01/12 05:24 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B03-S01-022212

Lab ID: 1202723-13

Collection Date: 02/22/12 11:50 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	60.4		39-94	%REC	1	03/01/12 05:24 PM
<i>Surr: 2-Fluorophenol</i>	42.5		10-75	%REC	1	03/01/12 05:24 PM
<i>Surr: 4-Terphenyl-d14</i>	64.0		26-119	%REC	1	03/01/12 05:24 PM
<i>Surr: Nitrobenzene-d5</i>	70.6		41-104	%REC	1	03/01/12 05:24 PM
<i>Surr: Phenol-d6</i>	24.4		11-50	%REC	1	03/01/12 05:24 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/26/12	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	03/04/12 05:55 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/04/12 05:55 AM
2-Butanone	ND		0.20	mg/L	20	03/04/12 05:55 AM
Benzene	ND		0.020	mg/L	20	03/04/12 05:55 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/04/12 05:55 AM
Chlorobenzene	ND		0.020	mg/L	20	03/04/12 05:55 AM
Chloroform	ND		0.020	mg/L	20	03/04/12 05:55 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/04/12 05:55 AM
Trichloroethene	ND		0.020	mg/L	20	03/04/12 05:55 AM
Vinyl chloride	ND		0.020	mg/L	20	03/04/12 05:55 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	103		70-130	%REC	20	03/04/12 05:55 AM
<i>Surr: 4-Bromofluorobenzene</i>	97.9		70-130	%REC	20	03/04/12 05:55 AM
<i>Surr: Dibromofluoromethane</i>	102		70-130	%REC	20	03/04/12 05:55 AM
<i>Surr: Toluene-d8</i>	101		70-130	%REC	20	03/04/12 05:55 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B03-S02-022212

Lab ID: 1202723-14

Collection Date: 02/22/12 11:40 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 03/01/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	03/05/12 02:23 AM
2,4-D	ND		0.0050	mg/L	1	03/05/12 02:23 AM
Surr: DCAA	81.6		30-150	%REC	1	03/05/12 02:23 AM
TCLP PESTICIDES			SW8081		Prep Date: 03/01/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 07:59 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 07:59 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 07:59 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 07:59 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 07:59 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 07:59 AM
Surr: Decachlorobiphenyl	78.0		30-135	%REC	1	03/02/12 07:59 AM
Surr: Tetrachloro-m-xylene	66.0		25-140	%REC	1	03/02/12 07:59 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/28/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/29/12 01:23 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/28/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/29/12 07:12 AM
Barium	1.7		0.050	mg/L	1	02/29/12 07:12 AM
Cadmium	ND		0.0020	mg/L	1	02/29/12 07:12 AM
Chromium	ND		0.020	mg/L	1	02/29/12 07:12 AM
Lead	ND		0.010	mg/L	1	02/29/12 07:12 AM
Selenium	ND		0.020	mg/L	1	02/29/12 07:12 AM
Silver	ND		0.0050	mg/L	1	02/29/12 11:01 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/28/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	03/01/12 05:58 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 05:58 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 05:58 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	03/01/12 05:58 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	03/01/12 05:58 PM
Hexachlorobenzene	ND		0.10	mg/L	1	03/01/12 05:58 PM
Hexachloroethane	ND		0.10	mg/L	1	03/01/12 05:58 PM
m-Cresol	ND		0.10	mg/L	1	03/01/12 05:58 PM
Nitrobenzene	ND		0.10	mg/L	1	03/01/12 05:58 PM
o-Cresol	ND		0.10	mg/L	1	03/01/12 05:58 PM
p-Cresol	ND		0.10	mg/L	1	03/01/12 05:58 PM
Pentachlorophenol	ND		0.40	mg/L	1	03/01/12 05:58 PM
Pyridine	ND		0.40	mg/L	1	03/01/12 05:58 PM
Surr: 2,4,6-Tribromophenol	76.5		21-125	%REC	1	03/01/12 05:58 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: BS-B03-S02-022212

Lab ID: 1202723-14

Collection Date: 02/22/12 11:40 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	65.6		39-94	%REC	1	03/01/12 05:58 PM
<i>Surr: 2-Fluorophenol</i>	51.0		10-75	%REC	1	03/01/12 05:58 PM
<i>Surr: 4-Terphenyl-d14</i>	76.1		26-119	%REC	1	03/01/12 05:58 PM
<i>Surr: Nitrobenzene-d5</i>	76.6		41-104	%REC	1	03/01/12 05:58 PM
<i>Surr: Phenol-d6</i>	29.8		11-50	%REC	1	03/01/12 05:58 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/26/12	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	03/04/12 06:19 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/04/12 06:19 AM
2-Butanone	ND		0.20	mg/L	20	03/04/12 06:19 AM
Benzene	ND		0.020	mg/L	20	03/04/12 06:19 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/04/12 06:19 AM
Chlorobenzene	ND		0.020	mg/L	20	03/04/12 06:19 AM
Chloroform	ND		0.020	mg/L	20	03/04/12 06:19 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/04/12 06:19 AM
Trichloroethene	ND		0.020	mg/L	20	03/04/12 06:19 AM
Vinyl chloride	ND		0.020	mg/L	20	03/04/12 06:19 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	104		70-130	%REC	20	03/04/12 06:19 AM
<i>Surr: 4-Bromofluorobenzene</i>	97.0		70-130	%REC	20	03/04/12 06:19 AM
<i>Surr: Dibromofluoromethane</i>	102		70-130	%REC	20	03/04/12 06:19 AM
<i>Surr: Toluene-d8</i>	102		70-130	%REC	20	03/04/12 06:19 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B05-S01-022212

Lab ID: 1202723-15

Collection Date: 02/22/12 04:15 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 03/01/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	03/05/12 02:32 AM
2,4-D	ND		0.0050	mg/L	1	03/05/12 02:32 AM
Surr: DCAA	86.0		30-150	%REC	1	03/05/12 02:32 AM
TCLP PESTICIDES			SW8081		Prep Date: 03/01/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 08:14 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 08:14 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 08:14 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 08:14 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 08:14 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 08:14 AM
Surr: Decachlorobiphenyl	76.0		30-135	%REC	1	03/02/12 08:14 AM
Surr: Tetrachloro-m-xylene	63.0		25-140	%REC	1	03/02/12 08:14 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/28/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/29/12 01:26 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/28/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/29/12 07:17 AM
Barium	23		0.50	mg/L	10	03/01/12 04:06 PM
Cadmium	0.098		0.0020	mg/L	1	02/29/12 07:17 AM
Chromium	ND		0.020	mg/L	1	02/29/12 07:17 AM
Lead	ND		0.010	mg/L	1	02/29/12 07:17 AM
Selenium	ND		0.020	mg/L	1	02/29/12 07:17 AM
Silver	ND		0.0050	mg/L	1	02/29/12 11:06 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/28/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	03/01/12 06:32 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 06:32 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 06:32 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	03/01/12 06:32 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	03/01/12 06:32 PM
Hexachlorobenzene	ND		0.10	mg/L	1	03/01/12 06:32 PM
Hexachloroethane	ND		0.10	mg/L	1	03/01/12 06:32 PM
m-Cresol	ND		0.10	mg/L	1	03/01/12 06:32 PM
Nitrobenzene	ND		0.10	mg/L	1	03/01/12 06:32 PM
o-Cresol	ND		0.10	mg/L	1	03/01/12 06:32 PM
p-Cresol	ND		0.10	mg/L	1	03/01/12 06:32 PM
Pentachlorophenol	ND		0.40	mg/L	1	03/01/12 06:32 PM
Pyridine	ND		0.40	mg/L	1	03/01/12 06:32 PM
Surr: 2,4,6-Tribromophenol	72.5		21-125	%REC	1	03/01/12 06:32 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B05-S01-022212

Lab ID: 1202723-15

Collection Date: 02/22/12 04:15 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	63.4		39-94	%REC	1	03/01/12 06:32 PM
<i>Surr: 2-Fluorophenol</i>	49.2		10-75	%REC	1	03/01/12 06:32 PM
<i>Surr: 4-Terphenyl-d14</i>	68.7		26-119	%REC	1	03/01/12 06:32 PM
<i>Surr: Nitrobenzene-d5</i>	71.0		41-104	%REC	1	03/01/12 06:32 PM
<i>Surr: Phenol-d6</i>	29.1		11-50	%REC	1	03/01/12 06:32 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/26/12	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	03/04/12 06:43 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/04/12 06:43 AM
2-Butanone	ND		0.20	mg/L	20	03/04/12 06:43 AM
Benzene	ND		0.020	mg/L	20	03/04/12 06:43 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/04/12 06:43 AM
Chlorobenzene	ND		0.020	mg/L	20	03/04/12 06:43 AM
Chloroform	ND		0.020	mg/L	20	03/04/12 06:43 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/04/12 06:43 AM
Trichloroethene	ND		0.020	mg/L	20	03/04/12 06:43 AM
Vinyl chloride	ND		0.020	mg/L	20	03/04/12 06:43 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	103		70-130	%REC	20	03/04/12 06:43 AM
<i>Surr: 4-Bromofluorobenzene</i>	96.8		70-130	%REC	20	03/04/12 06:43 AM
<i>Surr: Dibromofluoromethane</i>	101		70-130	%REC	20	03/04/12 06:43 AM
<i>Surr: Toluene-d8</i>	101		70-130	%REC	20	03/04/12 06:43 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B05-S02-022212

Lab ID: 1202723-16

Collection Date: 02/22/12 04:00 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 03/01/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	03/05/12 02:41 AM
2,4-D	ND		0.0050	mg/L	1	03/05/12 02:41 AM
Surr: DCAA	87.8		30-150	%REC	1	03/05/12 02:41 AM
TCLP PESTICIDES			SW8081		Prep Date: 03/01/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 08:29 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 08:29 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 08:29 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 08:29 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 08:29 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 08:29 AM
Surr: Decachlorobiphenyl	76.0		30-135	%REC	1	03/02/12 08:29 AM
Surr: Tetrachloro-m-xylene	61.0		25-140	%REC	1	03/02/12 08:29 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/28/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/29/12 01:28 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/28/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/29/12 07:22 AM
Barium	1.7		0.050	mg/L	1	02/29/12 07:22 AM
Cadmium	0.0061		0.0020	mg/L	1	02/29/12 07:22 AM
Chromium	ND		0.020	mg/L	1	02/29/12 07:22 AM
Lead	0.023		0.010	mg/L	1	02/29/12 07:22 AM
Selenium	ND		0.020	mg/L	1	02/29/12 07:22 AM
Silver	ND		0.0050	mg/L	1	02/29/12 11:11 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/28/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	03/01/12 07:05 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 07:05 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 07:05 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	03/01/12 07:05 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	03/01/12 07:05 PM
Hexachlorobenzene	ND		0.10	mg/L	1	03/01/12 07:05 PM
Hexachloroethane	ND		0.10	mg/L	1	03/01/12 07:05 PM
m-Cresol	ND		0.10	mg/L	1	03/01/12 07:05 PM
Nitrobenzene	ND		0.10	mg/L	1	03/01/12 07:05 PM
o-Cresol	ND		0.10	mg/L	1	03/01/12 07:05 PM
p-Cresol	ND		0.10	mg/L	1	03/01/12 07:05 PM
Pentachlorophenol	ND		0.40	mg/L	1	03/01/12 07:05 PM
Pyridine	ND		0.40	mg/L	1	03/01/12 07:05 PM
Surr: 2,4,6-Tribromophenol	73.8		21-125	%REC	1	03/01/12 07:05 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B05-S02-022212

Lab ID: 1202723-16

Collection Date: 02/22/12 04:00 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	64.5		39-94	%REC	1	03/01/12 07:05 PM
<i>Surr: 2-Fluorophenol</i>	49.5		10-75	%REC	1	03/01/12 07:05 PM
<i>Surr: 4-Terphenyl-d14</i>	69.0		26-119	%REC	1	03/01/12 07:05 PM
<i>Surr: Nitrobenzene-d5</i>	73.0		41-104	%REC	1	03/01/12 07:05 PM
<i>Surr: Phenol-d6</i>	29.3		11-50	%REC	1	03/01/12 07:05 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/26/12	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	03/04/12 07:07 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/04/12 07:07 AM
2-Butanone	ND		0.20	mg/L	20	03/04/12 07:07 AM
Benzene	ND		0.020	mg/L	20	03/04/12 07:07 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/04/12 07:07 AM
Chlorobenzene	ND		0.020	mg/L	20	03/04/12 07:07 AM
Chloroform	ND		0.020	mg/L	20	03/04/12 07:07 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/04/12 07:07 AM
Trichloroethene	ND		0.020	mg/L	20	03/04/12 07:07 AM
Vinyl chloride	ND		0.020	mg/L	20	03/04/12 07:07 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	106		70-130	%REC	20	03/04/12 07:07 AM
<i>Surr: 4-Bromofluorobenzene</i>	96.8		70-130	%REC	20	03/04/12 07:07 AM
<i>Surr: Dibromofluoromethane</i>	101		70-130	%REC	20	03/04/12 07:07 AM
<i>Surr: Toluene-d8</i>	102		70-130	%REC	20	03/04/12 07:07 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B06-S01-022212

Lab ID: 1202723-17

Collection Date: 02/22/12 02:36 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 03/01/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	03/05/12 02:51 AM
2,4-D	ND		0.0050	mg/L	1	03/05/12 02:51 AM
Surr: DCAA	114		30-150	%REC	1	03/05/12 02:51 AM
TCLP PESTICIDES			SW8081		Prep Date: 03/01/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 08:44 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 08:44 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 08:44 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 08:44 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 08:44 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 08:44 AM
Surr: Decachlorobiphenyl	76.0		30-135	%REC	1	03/02/12 08:44 AM
Surr: Tetrachloro-m-xylene	63.0		25-140	%REC	1	03/02/12 08:44 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/28/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/29/12 01:31 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/28/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/29/12 07:27 AM
Barium	0.20		0.050	mg/L	1	02/29/12 07:27 AM
Cadmium	ND		0.0020	mg/L	1	02/29/12 07:27 AM
Chromium	ND		0.020	mg/L	1	02/29/12 07:27 AM
Lead	ND		0.010	mg/L	1	02/29/12 07:27 AM
Selenium	ND		0.020	mg/L	1	02/29/12 07:27 AM
Silver	ND		0.0050	mg/L	1	02/29/12 11:16 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/28/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	03/01/12 07:39 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 07:39 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 07:39 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	03/01/12 07:39 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	03/01/12 07:39 PM
Hexachlorobenzene	ND		0.10	mg/L	1	03/01/12 07:39 PM
Hexachloroethane	ND		0.10	mg/L	1	03/01/12 07:39 PM
m-Cresol	ND		0.10	mg/L	1	03/01/12 07:39 PM
Nitrobenzene	ND		0.10	mg/L	1	03/01/12 07:39 PM
o-Cresol	ND		0.10	mg/L	1	03/01/12 07:39 PM
p-Cresol	ND		0.10	mg/L	1	03/01/12 07:39 PM
Pentachlorophenol	ND		0.40	mg/L	1	03/01/12 07:39 PM
Pyridine	ND		0.40	mg/L	1	03/01/12 07:39 PM
Surr: 2,4,6-Tribromophenol	68.4		21-125	%REC	1	03/01/12 07:39 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B06-S01-022212

Lab ID: 1202723-17

Collection Date: 02/22/12 02:36 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	61.2		39-94	%REC	1	03/01/12 07:39 PM
Surr: 2-Fluorophenol	47.8		10-75	%REC	1	03/01/12 07:39 PM
Surr: 4-Terphenyl-d14	76.2		26-119	%REC	1	03/01/12 07:39 PM
Surr: Nitrobenzene-d5	68.6		41-104	%REC	1	03/01/12 07:39 PM
Surr: Phenol-d6	28.6		11-50	%REC	1	03/01/12 07:39 PM

TCLP VOLATILE ORGANICS

SW8260

Prep Date: 02/26/12

Analyst: RS

1,1-Dichloroethene	ND		0.020	mg/L	20	03/04/12 07:30 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/04/12 07:30 AM
2-Butanone	ND		0.20	mg/L	20	03/04/12 07:30 AM
Benzene	ND		0.020	mg/L	20	03/04/12 07:30 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/04/12 07:30 AM
Chlorobenzene	ND		0.020	mg/L	20	03/04/12 07:30 AM
Chloroform	ND		0.020	mg/L	20	03/04/12 07:30 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/04/12 07:30 AM
Trichloroethene	ND		0.020	mg/L	20	03/04/12 07:30 AM
Vinyl chloride	ND		0.020	mg/L	20	03/04/12 07:30 AM
Surr: 1,2-Dichloroethane-d4	104		70-130	%REC	20	03/04/12 07:30 AM
Surr: 4-Bromofluorobenzene	97.1		70-130	%REC	20	03/04/12 07:30 AM
Surr: Dibromofluoromethane	101		70-130	%REC	20	03/04/12 07:30 AM
Surr: Toluene-d8	102		70-130	%REC	20	03/04/12 07:30 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-S01-S01-022212

Lab ID: 1202723-18

Collection Date: 02/22/12 02:00 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 03/01/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	03/05/12 03:18 AM
2,4-D	ND		0.0050	mg/L	1	03/05/12 03:18 AM
Surr: DCAA	91.4		30-150	%REC	1	03/05/12 03:18 AM
TCLP PESTICIDES			SW8081		Prep Date: 03/01/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 08:59 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 08:59 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 08:59 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 08:59 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 08:59 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 08:59 AM
Surr: Decachlorobiphenyl	72.0		30-135	%REC	1	03/02/12 08:59 AM
Surr: Tetrachloro-m-xylene	62.0		25-140	%REC	1	03/02/12 08:59 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/28/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/29/12 01:33 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/28/12	Analyst: RH
Arsenic	0.011		0.010	mg/L	1	02/29/12 07:32 AM
Barium	2.8		0.050	mg/L	1	02/29/12 07:32 AM
Cadmium	0.0032		0.0020	mg/L	1	02/29/12 07:32 AM
Chromium	ND		0.020	mg/L	1	02/29/12 07:32 AM
Lead	0.049		0.010	mg/L	1	02/29/12 07:32 AM
Selenium	ND		0.020	mg/L	1	02/29/12 07:32 AM
Silver	ND		0.0050	mg/L	1	02/29/12 11:21 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/28/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	03/01/12 08:13 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 08:13 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 08:13 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	03/01/12 08:13 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	03/01/12 08:13 PM
Hexachlorobenzene	ND		0.10	mg/L	1	03/01/12 08:13 PM
Hexachloroethane	ND		0.10	mg/L	1	03/01/12 08:13 PM
m-Cresol	ND		0.10	mg/L	1	03/01/12 08:13 PM
Nitrobenzene	ND		0.10	mg/L	1	03/01/12 08:13 PM
o-Cresol	ND		0.10	mg/L	1	03/01/12 08:13 PM
p-Cresol	ND		0.10	mg/L	1	03/01/12 08:13 PM
Pentachlorophenol	ND		0.40	mg/L	1	03/01/12 08:13 PM
Pyridine	ND		0.40	mg/L	1	03/01/12 08:13 PM
Surr: 2,4,6-Tribromophenol	75.4		21-125	%REC	1	03/01/12 08:13 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-S01-S01-022212

Lab ID: 1202723-18

Collection Date: 02/22/12 02:00 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	66.8		39-94	%REC	1	03/01/12 08:13 PM
Surr: 2-Fluorophenol	48.1		10-75	%REC	1	03/01/12 08:13 PM
Surr: 4-Terphenyl-d14	80.9		26-119	%REC	1	03/01/12 08:13 PM
Surr: Nitrobenzene-d5	75.5		41-104	%REC	1	03/01/12 08:13 PM
Surr: Phenol-d6	27.4		11-50	%REC	1	03/01/12 08:13 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/26/12	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	03/04/12 07:54 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/04/12 07:54 AM
2-Butanone	ND		0.20	mg/L	20	03/04/12 07:54 AM
Benzene	ND		0.020	mg/L	20	03/04/12 07:54 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/04/12 07:54 AM
Chlorobenzene	ND		0.020	mg/L	20	03/04/12 07:54 AM
Chloroform	ND		0.020	mg/L	20	03/04/12 07:54 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/04/12 07:54 AM
Trichloroethene	ND		0.020	mg/L	20	03/04/12 07:54 AM
Vinyl chloride	ND		0.020	mg/L	20	03/04/12 07:54 AM
Surr: 1,2-Dichloroethane-d4	104		70-130	%REC	20	03/04/12 07:54 AM
Surr: 4-Bromofluorobenzene	96.3		70-130	%REC	20	03/04/12 07:54 AM
Surr: Dibromofluoromethane	100		70-130	%REC	20	03/04/12 07:54 AM
Surr: Toluene-d8	102		70-130	%REC	20	03/04/12 07:54 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-S01-S01-022212-DP

Lab ID: 1202723-19

Collection Date: 02/22/12 02:00 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 03/01/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	03/05/12 03:27 AM
2,4-D	ND		0.0050	mg/L	1	03/05/12 03:27 AM
Surr: DCAA	96.0		30-150	%REC	1	03/05/12 03:27 AM
TCLP PESTICIDES			SW8081		Prep Date: 03/01/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 09:14 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 09:14 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 09:14 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 09:14 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 09:14 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 09:14 AM
Surr: Decachlorobiphenyl	73.0		30-135	%REC	1	03/02/12 09:14 AM
Surr: Tetrachloro-m-xylene	56.0		25-140	%REC	1	03/02/12 09:14 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/28/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/29/12 01:35 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 02/28/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	02/29/12 07:37 AM
Barium	2.1		0.050	mg/L	1	02/29/12 07:37 AM
Cadmium	0.0020		0.0020	mg/L	1	02/29/12 07:37 AM
Chromium	ND		0.020	mg/L	1	02/29/12 07:37 AM
Lead	ND		0.010	mg/L	1	02/29/12 07:37 AM
Selenium	ND		0.020	mg/L	1	02/29/12 07:37 AM
Silver	ND		0.0050	mg/L	1	02/29/12 11:26 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/28/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	03/01/12 08:48 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 08:48 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 08:48 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	03/01/12 08:48 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	03/01/12 08:48 PM
Hexachlorobenzene	ND		0.10	mg/L	1	03/01/12 08:48 PM
Hexachloroethane	ND		0.10	mg/L	1	03/01/12 08:48 PM
m-Cresol	ND		0.10	mg/L	1	03/01/12 08:48 PM
Nitrobenzene	ND		0.10	mg/L	1	03/01/12 08:48 PM
o-Cresol	ND		0.10	mg/L	1	03/01/12 08:48 PM
p-Cresol	ND		0.10	mg/L	1	03/01/12 08:48 PM
Pentachlorophenol	ND		0.40	mg/L	1	03/01/12 08:48 PM
Pyridine	ND		0.40	mg/L	1	03/01/12 08:48 PM
Surr: 2,4,6-Tribromophenol	70.4		21-125	%REC	1	03/01/12 08:48 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-S01-S01-022212-DP

Lab ID: 1202723-19

Collection Date: 02/22/12 02:00 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	61.3		39-94	%REC	1	03/01/12 08:48 PM
Surr: 2-Fluorophenol	48.6		10-75	%REC	1	03/01/12 08:48 PM
Surr: 4-Terphenyl-d14	79.5		26-119	%REC	1	03/01/12 08:48 PM
Surr: Nitrobenzene-d5	68.4		41-104	%REC	1	03/01/12 08:48 PM
Surr: Phenol-d6	29.0		11-50	%REC	1	03/01/12 08:48 PM

TCLP VOLATILE ORGANICS

SW8260

Prep Date: 02/26/12

Analyst: RS

1,1-Dichloroethene	ND		0.020	mg/L	20	03/04/12 08:18 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/04/12 08:18 AM
2-Butanone	ND		0.20	mg/L	20	03/04/12 08:18 AM
Benzene	ND		0.020	mg/L	20	03/04/12 08:18 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/04/12 08:18 AM
Chlorobenzene	ND		0.020	mg/L	20	03/04/12 08:18 AM
Chloroform	ND		0.020	mg/L	20	03/04/12 08:18 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/04/12 08:18 AM
Trichloroethene	ND		0.020	mg/L	20	03/04/12 08:18 AM
Vinyl chloride	ND		0.020	mg/L	20	03/04/12 08:18 AM
Surr: 1,2-Dichloroethane-d4	108		70-130	%REC	20	03/04/12 08:18 AM
Surr: 4-Bromofluorobenzene	96.6		70-130	%REC	20	03/04/12 08:18 AM
Surr: Dibromofluoromethane	101		70-130	%REC	20	03/04/12 08:18 AM
Surr: Toluene-d8	102		70-130	%REC	20	03/04/12 08:18 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-S02-S01-022212

Lab ID: 1202723-20

Collection Date: 02/22/12 03:30 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 03/01/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	03/05/12 03:36 AM
2,4-D	ND		0.0050	mg/L	1	03/05/12 03:36 AM
Surr: DCAA	115		30-150	%REC	1	03/05/12 03:36 AM
TCLP PESTICIDES			SW8081		Prep Date: 03/01/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 09:29 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 09:29 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 09:29 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 09:29 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 09:29 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 09:29 AM
Surr: Decachlorobiphenyl	72.0		30-135	%REC	1	03/02/12 09:29 AM
Surr: Tetrachloro-m-xylene	54.0		25-140	%REC	1	03/02/12 09:29 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/28/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/29/12 01:43 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 03/01/12	Analyst: RH
Arsenic	0.010		0.010	mg/L	1	03/04/12 06:00 PM
Barium	3.0		0.050	mg/L	1	03/03/12 03:09 AM
Cadmium	0.029		0.0020	mg/L	1	03/03/12 03:09 AM
Chromium	ND		0.020	mg/L	1	03/04/12 06:00 PM
Lead	0.038		0.010	mg/L	1	03/03/12 03:09 AM
Selenium	ND		0.020	mg/L	1	03/03/12 03:09 AM
Silver	ND		0.0050	mg/L	1	03/03/12 03:09 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/28/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	03/01/12 03:21 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 03:21 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 03:21 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	03/01/12 03:21 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	03/01/12 03:21 PM
Hexachlorobenzene	ND		0.10	mg/L	1	03/01/12 03:21 PM
Hexachloroethane	ND		0.10	mg/L	1	03/01/12 03:21 PM
m-Cresol	ND		0.10	mg/L	1	03/01/12 03:21 PM
Nitrobenzene	ND		0.10	mg/L	1	03/01/12 03:21 PM
o-Cresol	ND		0.10	mg/L	1	03/01/12 03:21 PM
p-Cresol	ND		0.10	mg/L	1	03/01/12 03:21 PM
Pentachlorophenol	ND		0.40	mg/L	1	03/01/12 03:21 PM
Pyridine	ND		0.40	mg/L	1	03/01/12 03:21 PM
Surr: 2,4,6-Tribromophenol	66.2		21-125	%REC	1	03/01/12 03:21 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-S02-S01-022212

Lab ID: 1202723-20

Collection Date: 02/22/12 03:30 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	62.0		39-94	%REC	1	03/01/12 03:21 PM
<i>Surr: 2-Fluorophenol</i>	45.9		10-75	%REC	1	03/01/12 03:21 PM
<i>Surr: 4-Terphenyl-d14</i>	71.7		26-119	%REC	1	03/01/12 03:21 PM
<i>Surr: Nitrobenzene-d5</i>	63.0		41-104	%REC	1	03/01/12 03:21 PM
<i>Surr: Phenol-d6</i>	26.8		11-50	%REC	1	03/01/12 03:21 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/27/12	Analyst: BG
1,1-Dichloroethene	ND		0.020	mg/L	20	03/03/12 06:04 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/03/12 06:04 AM
2-Butanone	ND		0.20	mg/L	20	03/03/12 06:04 AM
Benzene	ND		0.020	mg/L	20	03/03/12 06:04 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/03/12 06:04 AM
Chlorobenzene	ND		0.020	mg/L	20	03/03/12 06:04 AM
Chloroform	ND		0.020	mg/L	20	03/03/12 06:04 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/03/12 06:04 AM
Trichloroethene	ND		0.020	mg/L	20	03/03/12 06:04 AM
Vinyl chloride	ND		0.020	mg/L	20	03/03/12 06:04 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	101		70-130	%REC	20	03/03/12 06:04 AM
<i>Surr: 4-Bromofluorobenzene</i>	97.6		70-130	%REC	20	03/03/12 06:04 AM
<i>Surr: Dibromofluoromethane</i>	101		70-130	%REC	20	03/03/12 06:04 AM
<i>Surr: Toluene-d8</i>	101		70-130	%REC	20	03/03/12 06:04 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B01-S01-022312

Lab ID: 1202723-21

Collection Date: 02/23/12 03:20 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		0.0061	mg/Kg-dry	1	02/29/12 10:29 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/29/12 10:29 PM
2,4-D	ND		0.0061	mg/Kg-dry	1	02/29/12 10:29 PM
Surr: DCAA	92.8		30-150	%REC	1	02/29/12 10:29 PM
PCBS			SW8082		Prep Date: 03/02/12	Analyst: JD
Aroclor 1016	ND		0.047	mg/Kg-dry	1	03/04/12 11:47 PM
Aroclor 1221	ND		0.047	mg/Kg-dry	1	03/04/12 11:47 PM
Aroclor 1232	ND		0.047	mg/Kg-dry	1	03/04/12 11:47 PM
Aroclor 1242	ND		0.047	mg/Kg-dry	1	03/04/12 11:47 PM
Aroclor 1248	ND		0.047	mg/Kg-dry	1	03/04/12 11:47 PM
Aroclor 1254	40		0.93	mg/Kg-dry	20	03/05/12 10:24 AM
Aroclor 1260	ND		0.047	mg/Kg-dry	1	03/04/12 11:47 PM
Surr: Decachlorobiphenyl	89.1		40-140	%REC	1	03/04/12 11:47 PM
PESTICIDES			SW8081		Prep Date: 03/02/12	Analyst: RM
4,4'-DDD	ND		0.23	mg/Kg-dry	20	03/04/12 08:58 PM
4,4'-DDE	ND		0.23	mg/Kg-dry	20	03/04/12 08:58 PM
4,4'-DDT	ND		0.23	mg/Kg-dry	20	03/04/12 08:58 PM
Aldrin	ND		0.23	mg/Kg-dry	20	03/04/12 08:58 PM
alpha-BHC	ND		0.23	mg/Kg-dry	20	03/04/12 08:58 PM
alpha-Chlordane	ND		0.23	mg/Kg-dry	20	03/04/12 08:58 PM
beta-BHC	ND		0.23	mg/Kg-dry	20	03/04/12 08:58 PM
Chlordane, Technical	ND		0.58	mg/Kg-dry	20	03/04/12 08:58 PM
delta-BHC	ND		0.23	mg/Kg-dry	20	03/04/12 08:58 PM
Dieldrin	ND		0.23	mg/Kg-dry	20	03/04/12 08:58 PM
Endosulfan I	ND		0.23	mg/Kg-dry	20	03/04/12 08:58 PM
Endosulfan II	ND		0.23	mg/Kg-dry	20	03/04/12 08:58 PM
Endosulfan sulfate	ND		0.23	mg/Kg-dry	20	03/04/12 08:58 PM
Endrin	ND		0.23	mg/Kg-dry	20	03/04/12 08:58 PM
Endrin aldehyde	ND		0.23	mg/Kg-dry	20	03/04/12 08:58 PM
Endrin ketone	ND		0.23	mg/Kg-dry	20	03/04/12 08:58 PM
gamma-BHC (Lindane)	ND		0.23	mg/Kg-dry	20	03/04/12 08:58 PM
gamma-Chlordane	ND		0.23	mg/Kg-dry	20	03/04/12 08:58 PM
Heptachlor	ND		0.23	mg/Kg-dry	20	03/04/12 08:58 PM
Heptachlor epoxide	ND		0.23	mg/Kg-dry	20	03/04/12 08:58 PM
Methoxychlor	ND		0.23	mg/Kg-dry	20	03/04/12 08:58 PM
Toxaphene	ND		1.4	mg/Kg-dry	20	03/04/12 08:58 PM
Surr: Decachlorobiphenyl	120		45-135	%REC	20	03/04/12 08:58 PM
Surr: Tetrachloro-m-xylene	100		45-124	%REC	20	03/04/12 08:58 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B01-S01-022312

Lab ID: 1202723-21

Collection Date: 02/23/12 03:20 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/28/12	Analyst: LR
Mercury	0.30		0.094	mg/Kg-dry	5	02/29/12 04:13 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/27/12	Analyst: RH
Aluminum	11,000		3.7	mg/Kg-dry	4	03/01/12 09:55 PM
Antimony	28		1.9	mg/Kg-dry	4	03/01/12 09:55 PM
Arsenic	21		1.9	mg/Kg-dry	4	03/01/12 09:55 PM
Barium	6,300		19	mg/Kg-dry	40	03/04/12 03:43 PM
Beryllium	1.3		0.74	mg/Kg-dry	4	03/01/12 09:55 PM
Boron	5,200		74	mg/Kg-dry	40	03/05/12 02:48 PM
Cadmium	14		0.74	mg/Kg-dry	4	03/01/12 09:55 PM
Calcium	57,000		190	mg/Kg-dry	4	03/01/12 09:55 PM
Chromium	100		1.9	mg/Kg-dry	4	03/01/12 09:55 PM
Cobalt	630		1.9	mg/Kg-dry	4	03/01/12 09:55 PM
Copper	370		1.9	mg/Kg-dry	4	03/01/12 09:55 PM
Iron	65,000		300	mg/Kg-dry	40	03/04/12 03:43 PM
Lead	880		19	mg/Kg-dry	40	03/04/12 03:43 PM
Magnesium	14,000		74	mg/Kg-dry	4	03/01/12 09:55 PM
Manganese	1,300		19	mg/Kg-dry	40	03/04/12 03:43 PM
Nickel	760		19	mg/Kg-dry	40	03/04/12 03:43 PM
Potassium	5,400		74	mg/Kg-dry	4	03/01/12 09:55 PM
Selenium	2.7		1.9	mg/Kg-dry	4	03/01/12 09:55 PM
Silver	3.3		1.9	mg/Kg-dry	4	03/01/12 09:55 PM
Sodium	9,700		74	mg/Kg-dry	4	03/01/12 09:55 PM
Thallium	ND		1.9	mg/Kg-dry	4	03/01/12 09:55 PM
Vanadium	22		1.9	mg/Kg-dry	4	03/01/12 09:55 PM
Zinc	2,800		37	mg/Kg-dry	40	03/04/12 03:43 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/28/12	Analyst: HL
1,1'-Biphenyl	ND		0.40	mg/Kg-dry	1	03/05/12 10:16 PM
2,4,5-Trichlorophenol	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
2,4,6-Trichlorophenol	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
2,4-Dichlorophenol	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
2,4-Dimethylphenol	ND		0.40	mg/Kg-dry	1	03/05/12 10:16 PM
2,4-Dinitrophenol	ND		0.79	mg/Kg-dry	1	03/05/12 10:16 PM
2,4-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
2,6-Dinitrotoluene	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
2-Chloronaphthalene	ND		0.096	mg/Kg-dry	1	03/05/12 10:16 PM
2-Chlorophenol	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
2-Methylnaphthalene	ND		0.096	mg/Kg-dry	1	03/05/12 10:16 PM
2-Methylphenol	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B01-S01-022312

Lab ID: 1202723-21

Collection Date: 02/23/12 03:20 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.79	mg/Kg-dry	1	03/05/12 10:16 PM
2-Nitrophenol	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
3,3'-Dichlorobenzidine	ND		0.79	mg/Kg-dry	1	03/05/12 10:16 PM
3-Nitroaniline	ND		0.79	mg/Kg-dry	1	03/05/12 10:16 PM
4,6-Dinitro-2-methylphenol	ND		0.40	mg/Kg-dry	1	03/05/12 10:16 PM
4-Bromophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
4-Chloro-3-methylphenol	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
4-Chloroaniline	ND		0.79	mg/Kg-dry	1	03/05/12 10:16 PM
4-Chlorophenyl phenyl ether	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
4-Methylphenol	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
4-Nitroaniline	ND		0.79	mg/Kg-dry	1	03/05/12 10:16 PM
4-Nitrophenol	ND		0.79	mg/Kg-dry	1	03/05/12 10:16 PM
Acenaphthene	ND		0.036	mg/Kg-dry	1	03/05/12 10:16 PM
Acenaphthylene	ND		0.036	mg/Kg-dry	1	03/05/12 10:16 PM
Acetophenone	ND		0.40	mg/Kg-dry	1	03/05/12 10:16 PM
Anthracene	ND		0.036	mg/Kg-dry	1	03/05/12 10:16 PM
Atrazine	ND		0.40	mg/Kg-dry	1	03/05/12 10:16 PM
Benzaldehyde	ND		0.40	mg/Kg-dry	1	03/05/12 10:16 PM
Benzo(a)anthracene	0.038		0.036	mg/Kg-dry	1	03/05/12 10:16 PM
Benzo(a)pyrene	0.15		0.036	mg/Kg-dry	1	03/05/12 10:16 PM
Benzo(b)fluoranthene	0.28		0.036	mg/Kg-dry	1	03/05/12 10:16 PM
Benzo(g,h,i)perylene	0.066		0.036	mg/Kg-dry	1	03/05/12 10:16 PM
Benzo(k)fluoranthene	0.091		0.036	mg/Kg-dry	1	03/05/12 10:16 PM
Bis(2-chloroethoxy)methane	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
Bis(2-chloroethyl)ether	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
Bis(2-chloroisopropyl)ether	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
Bis(2-ethylhexyl)phthalate	ND		0.40	mg/Kg-dry	1	03/05/12 10:16 PM
Butyl benzyl phthalate	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
Caprolactam	ND		0.40	mg/Kg-dry	1	03/05/12 10:16 PM
Carbazole	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
Chrysene	0.15		0.036	mg/Kg-dry	1	03/05/12 10:16 PM
Dibenzo(a,h)anthracene	ND		0.036	mg/Kg-dry	1	03/05/12 10:16 PM
Dibenzofuran	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
Diethyl phthalate	ND		0.40	mg/Kg-dry	1	03/05/12 10:16 PM
Dimethyl phthalate	ND		0.40	mg/Kg-dry	1	03/05/12 10:16 PM
Di-n-butyl phthalate	ND		0.40	mg/Kg-dry	1	03/05/12 10:16 PM
Di-n-octyl phthalate	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
Fluoranthene	0.16		0.036	mg/Kg-dry	1	03/05/12 10:16 PM
Fluorene	ND		0.036	mg/Kg-dry	1	03/05/12 10:16 PM
Hexachlorobenzene	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B01-S01-022312

Lab ID: 1202723-21

Collection Date: 02/23/12 03:20 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
Hexachlorocyclopentadiene	ND		0.40	mg/Kg-dry	1	03/05/12 10:16 PM
Hexachloroethane	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
Indeno(1,2,3-cd)pyrene	0.059		0.036	mg/Kg-dry	1	03/05/12 10:16 PM
Isophorone	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
Naphthalene	ND		0.036	mg/Kg-dry	1	03/05/12 10:16 PM
Nitrobenzene	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
N-Nitrosodi-n-propylamine	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
N-Nitrosodiphenylamine	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
Pentachlorophenol	ND		0.40	mg/Kg-dry	1	03/05/12 10:16 PM
Phenanthrene	0.11		0.036	mg/Kg-dry	1	03/05/12 10:16 PM
Phenol	ND		0.19	mg/Kg-dry	1	03/05/12 10:16 PM
Pyrene	0.17		0.036	mg/Kg-dry	1	03/05/12 10:16 PM
<i>Surr: 2,4,6-Tribromophenol</i>	78.3		34-140	%REC	1	03/05/12 10:16 PM
<i>Surr: 2-Fluorobiphenyl</i>	82.1		12-100	%REC	1	03/05/12 10:16 PM
<i>Surr: 2-Fluorophenol</i>	86.0		33-117	%REC	1	03/05/12 10:16 PM
<i>Surr: 4-Terphenyl-d14</i>	84.1		25-137	%REC	1	03/05/12 10:16 PM
<i>Surr: Nitrobenzene-d5</i>	74.7		37-107	%REC	1	03/05/12 10:16 PM
<i>Surr: Phenol-d6</i>	81.6		40-106	%REC	1	03/05/12 10:16 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: RS

1,1,1-Trichloroethane	ND		0.062	mg/Kg-dry	50	03/04/12 08:15 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	03/04/12 08:15 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	03/04/12 08:15 PM
1,1,2-Trichlorotrifluoroethane	ND		0.062	mg/Kg-dry	50	03/04/12 08:15 PM
1,1-Dichloroethane	ND		0.062	mg/Kg-dry	50	03/04/12 08:15 PM
1,1-Dichloroethene	ND		0.062	mg/Kg-dry	50	03/04/12 08:15 PM
1,2,4-Trichlorobenzene	ND		0.062	mg/Kg-dry	50	03/04/12 08:15 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	03/04/12 08:15 PM
1,2-Dibromoethane	ND		0.093	mg/Kg-dry	50	03/04/12 08:15 PM
1,2-Dichlorobenzene	ND		0.062	mg/Kg-dry	50	03/04/12 08:15 PM
1,2-Dichloroethane	ND		0.062	mg/Kg-dry	50	03/04/12 08:15 PM
1,2-Dichloropropane	ND		0.22	mg/Kg-dry	50	03/04/12 08:15 PM
1,3-Dichlorobenzene	ND		0.062	mg/Kg-dry	50	03/04/12 08:15 PM
1,4-Dichlorobenzene	ND		0.062	mg/Kg-dry	50	03/04/12 08:15 PM
2-Butanone	ND		0.46	mg/Kg-dry	50	03/04/12 08:15 PM
2-Hexanone	ND		0.31	mg/Kg-dry	50	03/04/12 08:15 PM
4-Methyl-2-pentanone	ND		0.31	mg/Kg-dry	50	03/04/12 08:15 PM
Acetone	ND		0.43	mg/Kg-dry	50	03/04/12 08:15 PM
Benzene	ND		0.062	mg/Kg-dry	50	03/04/12 08:15 PM
Bromodichloromethane	ND		0.093	mg/Kg-dry	50	03/04/12 08:15 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B01-S01-022312

Lab ID: 1202723-21

Collection Date: 02/23/12 03:20 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.062	mg/Kg-dry	50	03/04/12 08:15 PM
Bromomethane	ND		0.093	mg/Kg-dry	50	03/04/12 08:15 PM
Carbon disulfide	ND		0.093	mg/Kg-dry	50	03/04/12 08:15 PM
Carbon tetrachloride	ND		0.062	mg/Kg-dry	50	03/04/12 08:15 PM
Chlorobenzene	ND		0.093	mg/Kg-dry	50	03/04/12 08:15 PM
Chloroethane	ND		0.19	mg/Kg-dry	50	03/04/12 08:15 PM
Chloroform	ND		0.062	mg/Kg-dry	50	03/04/12 08:15 PM
Chloromethane	ND		0.19	mg/Kg-dry	50	03/04/12 08:15 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	03/04/12 08:15 PM
cis-1,3-Dichloropropene	ND		0.062	mg/Kg-dry	50	03/04/12 08:15 PM
Cyclohexane	ND		0.062	mg/Kg-dry	50	03/04/12 08:15 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	03/04/12 08:15 PM
Dichlorodifluoromethane	ND		0.062	mg/Kg-dry	50	03/04/12 08:15 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	03/04/12 08:15 PM
Isopropylbenzene	ND		0.062	mg/Kg-dry	50	03/04/12 08:15 PM
Methyl acetate	ND		0.062	mg/Kg-dry	50	03/04/12 08:15 PM
Methyl tert-butyl ether	ND		0.093	mg/Kg-dry	50	03/04/12 08:15 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	03/04/12 08:15 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	03/04/12 08:15 PM
Styrene	ND		0.093	mg/Kg-dry	50	03/04/12 08:15 PM
Tetrachloroethene	ND		0.062	mg/Kg-dry	50	03/04/12 08:15 PM
Toluene	ND		0.093	mg/Kg-dry	50	03/04/12 08:15 PM
trans-1,2-Dichloroethene	ND		0.062	mg/Kg-dry	50	03/04/12 08:15 PM
trans-1,3-Dichloropropene	ND		0.093	mg/Kg-dry	50	03/04/12 08:15 PM
Trichloroethene	ND		0.062	mg/Kg-dry	50	03/04/12 08:15 PM
Trichlorofluoromethane	ND		0.062	mg/Kg-dry	50	03/04/12 08:15 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	03/04/12 08:15 PM
Xylenes, Total	ND		0.19	mg/Kg-dry	50	03/04/12 08:15 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	100		70-120	%REC	50	03/04/12 08:15 PM
<i>Surr: 4-Bromofluorobenzene</i>	100		75-120	%REC	50	03/04/12 08:15 PM
<i>Surr: Dibromofluoromethane</i>	92.5		85-115	%REC	50	03/04/12 08:15 PM
<i>Surr: Toluene-d8</i>	101		85-115	%REC	50	03/04/12 08:15 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/28/12	Analyst: MB
Chromium, Hexavalent	ND		0.61	mg/Kg-dry	1	03/02/12 03:30 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	19		0.050	% of sample	1	02/27/12 03:45 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B01-S01-022312-DP

Lab ID: 1202723-22

Collection Date: 02/23/12 03:20 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		0.0060	mg/Kg-dry	1	02/29/12 10:38 PM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	02/29/12 10:38 PM
2,4-D	ND		0.0060	mg/Kg-dry	1	02/29/12 10:38 PM
Surr: DCAA	80.8		30-150	%REC	1	02/29/12 10:38 PM
PCBS			SW8082		Prep Date: 03/02/12	Analyst: JD
Aroclor 1016	ND		0.046	mg/Kg-dry	1	03/05/12 12:07 AM
Aroclor 1221	ND		0.046	mg/Kg-dry	1	03/05/12 12:07 AM
Aroclor 1232	ND		0.046	mg/Kg-dry	1	03/05/12 12:07 AM
Aroclor 1242	ND		0.046	mg/Kg-dry	1	03/05/12 12:07 AM
Aroclor 1248	ND		0.046	mg/Kg-dry	1	03/05/12 12:07 AM
Aroclor 1254	28		0.92	mg/Kg-dry	20	03/05/12 10:44 AM
Aroclor 1260	ND		0.046	mg/Kg-dry	1	03/05/12 12:07 AM
Surr: Decachlorobiphenyl	86.1		40-140	%REC	1	03/05/12 12:07 AM
PESTICIDES			SW8081		Prep Date: 03/02/12	Analyst: RM
4,4'-DDD	ND		0.58	mg/Kg-dry	50	03/04/12 09:13 PM
4,4'-DDE	ND		0.58	mg/Kg-dry	50	03/04/12 09:13 PM
4,4'-DDT	ND		0.58	mg/Kg-dry	50	03/04/12 09:13 PM
Aldrin	ND		0.58	mg/Kg-dry	50	03/04/12 09:13 PM
alpha-BHC	ND		0.58	mg/Kg-dry	50	03/04/12 09:13 PM
alpha-Chlordane	ND		0.58	mg/Kg-dry	50	03/04/12 09:13 PM
beta-BHC	ND		0.58	mg/Kg-dry	50	03/04/12 09:13 PM
Chlordane, Technical	ND		1.4	mg/Kg-dry	50	03/04/12 09:13 PM
delta-BHC	ND		0.58	mg/Kg-dry	50	03/04/12 09:13 PM
Dieldrin	ND		0.58	mg/Kg-dry	50	03/04/12 09:13 PM
Endosulfan I	ND		0.58	mg/Kg-dry	50	03/04/12 09:13 PM
Endosulfan II	ND		0.58	mg/Kg-dry	50	03/04/12 09:13 PM
Endosulfan sulfate	ND		0.58	mg/Kg-dry	50	03/04/12 09:13 PM
Endrin	ND		0.58	mg/Kg-dry	50	03/04/12 09:13 PM
Endrin aldehyde	ND		0.58	mg/Kg-dry	50	03/04/12 09:13 PM
Endrin ketone	ND		0.58	mg/Kg-dry	50	03/04/12 09:13 PM
gamma-BHC (Lindane)	ND		0.58	mg/Kg-dry	50	03/04/12 09:13 PM
gamma-Chlordane	ND		0.58	mg/Kg-dry	50	03/04/12 09:13 PM
Heptachlor	ND		0.58	mg/Kg-dry	50	03/04/12 09:13 PM
Heptachlor epoxide	ND		0.58	mg/Kg-dry	50	03/04/12 09:13 PM
Methoxychlor	ND		0.58	mg/Kg-dry	50	03/04/12 09:13 PM
Toxaphene	ND		3.5	mg/Kg-dry	50	03/04/12 09:13 PM
Surr: Decachlorobiphenyl	100		45-135	%REC	50	03/04/12 09:13 PM
Surr: Tetrachloro-m-xylene	100		45-124	%REC	50	03/04/12 09:13 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B01-S01-022312-DP

Lab ID: 1202723-22

Collection Date: 02/23/12 03:20 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/28/12	Analyst: LR
Mercury	0.33		0.093	mg/Kg-dry	5	02/29/12 04:15 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/27/12	Analyst: RH
Aluminum	11,000		3.2	mg/Kg-dry	4	03/01/12 10:00 PM
Antimony	33		1.6	mg/Kg-dry	4	03/01/12 10:00 PM
Arsenic	18		1.6	mg/Kg-dry	4	03/01/12 10:00 PM
Barium	4,500		16	mg/Kg-dry	40	03/04/12 03:48 PM
Beryllium	1.3		0.64	mg/Kg-dry	4	03/01/12 10:00 PM
Boron	3,900		64	mg/Kg-dry	40	03/05/12 02:56 PM
Cadmium	13		0.64	mg/Kg-dry	4	03/01/12 10:00 PM
Calcium	41,000		160	mg/Kg-dry	4	03/01/12 10:00 PM
Chromium	180		1.6	mg/Kg-dry	4	03/01/12 10:00 PM
Cobalt	480		1.6	mg/Kg-dry	4	03/01/12 10:00 PM
Copper	400		1.6	mg/Kg-dry	4	03/01/12 10:00 PM
Iron	87,000		260	mg/Kg-dry	40	03/04/12 03:48 PM
Lead	1,600		16	mg/Kg-dry	40	03/04/12 03:48 PM
Magnesium	11,000		64	mg/Kg-dry	4	03/01/12 10:00 PM
Manganese	1,700		16	mg/Kg-dry	40	03/04/12 03:48 PM
Nickel	520		1.6	mg/Kg-dry	4	03/01/12 10:00 PM
Potassium	5,300		64	mg/Kg-dry	4	03/01/12 10:00 PM
Selenium	ND		1.6	mg/Kg-dry	4	03/01/12 10:00 PM
Silver	2.7		1.6	mg/Kg-dry	4	03/01/12 10:00 PM
Sodium	7,600		64	mg/Kg-dry	4	03/01/12 10:00 PM
Thallium	ND		1.6	mg/Kg-dry	4	03/01/12 10:00 PM
Vanadium	23		1.6	mg/Kg-dry	4	03/01/12 10:00 PM
Zinc	2,600		32	mg/Kg-dry	40	03/04/12 03:48 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/28/12	Analyst: HL
1,1'-Biphenyl	ND		4.0	mg/Kg-dry	10	03/02/12 09:18 PM
2,4,5-Trichlorophenol	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
2,4,6-Trichlorophenol	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
2,4-Dichlorophenol	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
2,4-Dimethylphenol	ND		4.0	mg/Kg-dry	10	03/02/12 09:18 PM
2,4-Dinitrophenol	ND		8.0	mg/Kg-dry	10	03/02/12 09:18 PM
2,4-Dinitrotoluene	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
2,6-Dinitrotoluene	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
2-Chloronaphthalene	ND		0.97	mg/Kg-dry	10	03/02/12 09:18 PM
2-Chlorophenol	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
2-Methylnaphthalene	ND		0.97	mg/Kg-dry	10	03/02/12 09:18 PM
2-Methylphenol	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B01-S01-022312-DP

Lab ID: 1202723-22

Collection Date: 02/23/12 03:20 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		8.0	mg/Kg-dry	10	03/02/12 09:18 PM
2-Nitrophenol	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
3,3'-Dichlorobenzidine	ND		8.0	mg/Kg-dry	10	03/02/12 09:18 PM
3-Nitroaniline	ND		8.0	mg/Kg-dry	10	03/02/12 09:18 PM
4,6-Dinitro-2-methylphenol	ND		4.0	mg/Kg-dry	10	03/02/12 09:18 PM
4-Bromophenyl phenyl ether	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
4-Chloro-3-methylphenol	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
4-Chloroaniline	ND		8.0	mg/Kg-dry	10	03/02/12 09:18 PM
4-Chlorophenyl phenyl ether	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
4-Methylphenol	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
4-Nitroaniline	ND		8.0	mg/Kg-dry	10	03/02/12 09:18 PM
4-Nitrophenol	ND		8.0	mg/Kg-dry	10	03/02/12 09:18 PM
Acenaphthene	ND		0.36	mg/Kg-dry	10	03/02/12 09:18 PM
Acenaphthylene	ND		0.36	mg/Kg-dry	10	03/02/12 09:18 PM
Acetophenone	ND		4.0	mg/Kg-dry	10	03/02/12 09:18 PM
Anthracene	ND		0.36	mg/Kg-dry	10	03/02/12 09:18 PM
Atrazine	ND		4.0	mg/Kg-dry	10	03/02/12 09:18 PM
Benzaldehyde	ND		4.0	mg/Kg-dry	10	03/02/12 09:18 PM
Benzo(a)anthracene	0.79		0.36	mg/Kg-dry	10	03/02/12 09:18 PM
Benzo(a)pyrene	1.1		0.36	mg/Kg-dry	10	03/02/12 09:18 PM
Benzo(b)fluoranthene	1.6		0.36	mg/Kg-dry	10	03/02/12 09:18 PM
Benzo(g,h,i)perylene	0.50		0.36	mg/Kg-dry	10	03/02/12 09:18 PM
Benzo(k)fluoranthene	0.88		0.36	mg/Kg-dry	10	03/02/12 09:18 PM
Bis(2-chloroethoxy)methane	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
Bis(2-chloroethyl)ether	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
Bis(2-chloroisopropyl)ether	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
Bis(2-ethylhexyl)phthalate	ND		4.0	mg/Kg-dry	10	03/02/12 09:18 PM
Butyl benzyl phthalate	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
Caprolactam	ND		4.0	mg/Kg-dry	10	03/02/12 09:18 PM
Carbazole	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
Chrysene	1.3		0.36	mg/Kg-dry	10	03/02/12 09:18 PM
Dibenzo(a,h)anthracene	ND		0.36	mg/Kg-dry	10	03/02/12 09:18 PM
Dibenzofuran	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
Diethyl phthalate	ND		4.0	mg/Kg-dry	10	03/02/12 09:18 PM
Dimethyl phthalate	ND		4.0	mg/Kg-dry	10	03/02/12 09:18 PM
Di-n-butyl phthalate	ND		4.0	mg/Kg-dry	10	03/02/12 09:18 PM
Di-n-octyl phthalate	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
Fluoranthene	2.3		0.36	mg/Kg-dry	10	03/02/12 09:18 PM
Fluorene	ND		0.36	mg/Kg-dry	10	03/02/12 09:18 PM
Hexachlorobenzene	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B01-S01-022312-DP

Lab ID: 1202723-22

Collection Date: 02/23/12 03:20 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
Hexachlorocyclopentadiene	ND		4.0	mg/Kg-dry	10	03/02/12 09:18 PM
Hexachloroethane	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
Indeno(1,2,3-cd)pyrene	0.49		0.36	mg/Kg-dry	10	03/02/12 09:18 PM
Isophorone	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
Naphthalene	ND		0.36	mg/Kg-dry	10	03/02/12 09:18 PM
Nitrobenzene	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
N-Nitrosodi-n-propylamine	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
N-Nitrosodiphenylamine	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
Pentachlorophenol	ND		4.0	mg/Kg-dry	10	03/02/12 09:18 PM
Phenanthrene	1.6		0.36	mg/Kg-dry	10	03/02/12 09:18 PM
Phenol	ND		1.9	mg/Kg-dry	10	03/02/12 09:18 PM
Pyrene	2.1		0.36	mg/Kg-dry	10	03/02/12 09:18 PM
<i>Surr: 2,4,6-Tribromophenol</i>	<i>104</i>		<i>34-140</i>	<i>%REC</i>	10	03/02/12 09:18 PM
<i>Surr: 2-Fluorobiphenyl</i>	<i>89.4</i>		<i>12-100</i>	<i>%REC</i>	10	03/02/12 09:18 PM
<i>Surr: 2-Fluorophenol</i>	<i>81.2</i>		<i>33-117</i>	<i>%REC</i>	10	03/02/12 09:18 PM
<i>Surr: 4-Terphenyl-d14</i>	<i>109</i>		<i>25-137</i>	<i>%REC</i>	10	03/02/12 09:18 PM
<i>Surr: Nitrobenzene-d5</i>	<i>78.2</i>		<i>37-107</i>	<i>%REC</i>	10	03/02/12 09:18 PM
<i>Surr: Phenol-d6</i>	<i>80.0</i>		<i>40-106</i>	<i>%REC</i>	10	03/02/12 09:18 PM
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: RS
1,1,1-Trichloroethane	ND		0.061	mg/Kg-dry	50	03/04/12 08:39 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	03/04/12 08:39 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	03/04/12 08:39 PM
1,1,2-Trichlorotrifluoroethane	ND		0.061	mg/Kg-dry	50	03/04/12 08:39 PM
1,1-Dichloroethane	ND		0.061	mg/Kg-dry	50	03/04/12 08:39 PM
1,1-Dichloroethene	ND		0.061	mg/Kg-dry	50	03/04/12 08:39 PM
1,2,4-Trichlorobenzene	ND		0.061	mg/Kg-dry	50	03/04/12 08:39 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	03/04/12 08:39 PM
1,2-Dibromoethane	ND		0.092	mg/Kg-dry	50	03/04/12 08:39 PM
1,2-Dichlorobenzene	ND		0.061	mg/Kg-dry	50	03/04/12 08:39 PM
1,2-Dichloroethane	ND		0.061	mg/Kg-dry	50	03/04/12 08:39 PM
1,2-Dichloropropane	ND		0.21	mg/Kg-dry	50	03/04/12 08:39 PM
1,3-Dichlorobenzene	ND		0.061	mg/Kg-dry	50	03/04/12 08:39 PM
1,4-Dichlorobenzene	ND		0.061	mg/Kg-dry	50	03/04/12 08:39 PM
2-Butanone	ND		0.46	mg/Kg-dry	50	03/04/12 08:39 PM
2-Hexanone	ND		0.31	mg/Kg-dry	50	03/04/12 08:39 PM
4-Methyl-2-pentanone	ND		0.31	mg/Kg-dry	50	03/04/12 08:39 PM
Acetone	ND		0.27	mg/Kg-dry	50	03/04/12 08:39 PM
Benzene	ND		0.061	mg/Kg-dry	50	03/04/12 08:39 PM
Bromodichloromethane	ND		0.092	mg/Kg-dry	50	03/04/12 08:39 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B01-S01-022312-DP

Lab ID: 1202723-22

Collection Date: 02/23/12 03:20 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.061	mg/Kg-dry	50	03/04/12 08:39 PM
Bromomethane	ND		0.092	mg/Kg-dry	50	03/04/12 08:39 PM
Carbon disulfide	ND		0.092	mg/Kg-dry	50	03/04/12 08:39 PM
Carbon tetrachloride	ND		0.061	mg/Kg-dry	50	03/04/12 08:39 PM
Chlorobenzene	ND		0.092	mg/Kg-dry	50	03/04/12 08:39 PM
Chloroethane	ND		0.18	mg/Kg-dry	50	03/04/12 08:39 PM
Chloroform	ND		0.061	mg/Kg-dry	50	03/04/12 08:39 PM
Chloromethane	ND		0.18	mg/Kg-dry	50	03/04/12 08:39 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	03/04/12 08:39 PM
cis-1,3-Dichloropropene	ND		0.061	mg/Kg-dry	50	03/04/12 08:39 PM
Cyclohexane	ND		0.061	mg/Kg-dry	50	03/04/12 08:39 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	03/04/12 08:39 PM
Dichlorodifluoromethane	ND		0.061	mg/Kg-dry	50	03/04/12 08:39 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	03/04/12 08:39 PM
Isopropylbenzene	ND		0.061	mg/Kg-dry	50	03/04/12 08:39 PM
Methyl acetate	ND		0.061	mg/Kg-dry	50	03/04/12 08:39 PM
Methyl tert-butyl ether	ND		0.092	mg/Kg-dry	50	03/04/12 08:39 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	03/04/12 08:39 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	03/04/12 08:39 PM
Styrene	ND		0.092	mg/Kg-dry	50	03/04/12 08:39 PM
Tetrachloroethene	ND		0.061	mg/Kg-dry	50	03/04/12 08:39 PM
Toluene	ND		0.092	mg/Kg-dry	50	03/04/12 08:39 PM
trans-1,2-Dichloroethene	ND		0.061	mg/Kg-dry	50	03/04/12 08:39 PM
trans-1,3-Dichloropropene	ND		0.092	mg/Kg-dry	50	03/04/12 08:39 PM
Trichloroethene	ND		0.061	mg/Kg-dry	50	03/04/12 08:39 PM
Trichlorofluoromethane	ND		0.061	mg/Kg-dry	50	03/04/12 08:39 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	03/04/12 08:39 PM
Xylenes, Total	ND		0.18	mg/Kg-dry	50	03/04/12 08:39 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	102		70-120	%REC	50	03/04/12 08:39 PM
<i>Surr: 4-Bromofluorobenzene</i>	102		75-120	%REC	50	03/04/12 08:39 PM
<i>Surr: Dibromofluoromethane</i>	92.1		85-115	%REC	50	03/04/12 08:39 PM
<i>Surr: Toluene-d8</i>	103		85-115	%REC	50	03/04/12 08:39 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/28/12	Analyst: MB
Chromium, Hexavalent	ND		0.61	mg/Kg-dry	1	03/02/12 03:30 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	18		0.050	% of sample	1	02/27/12 03:45 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B02-S01-022312

Lab ID: 1202723-23

Collection Date: 02/23/12 01:55 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 03/02/12	Analyst: JD
2,4,5-T	ND		0.0062	mg/Kg-dry	1	03/05/12 06:14 AM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	03/05/12 06:14 AM
2,4-D	ND		0.0062	mg/Kg-dry	1	03/05/12 06:14 AM
Surr: DCAA	107		30-150	%REC	1	03/05/12 06:14 AM
PCBS			SW8082		Prep Date: 03/02/12	Analyst: JD
Aroclor 1016	ND		0.048	mg/Kg-dry	1	03/05/12 12:26 AM
Aroclor 1221	ND		0.048	mg/Kg-dry	1	03/05/12 12:26 AM
Aroclor 1232	ND		0.048	mg/Kg-dry	1	03/05/12 12:26 AM
Aroclor 1242	ND		0.048	mg/Kg-dry	1	03/05/12 12:26 AM
Aroclor 1248	ND		0.048	mg/Kg-dry	1	03/05/12 12:26 AM
Aroclor 1254	0.15		0.048	mg/Kg-dry	1	03/05/12 12:26 AM
Aroclor 1260	ND		0.048	mg/Kg-dry	1	03/05/12 12:26 AM
Surr: Decachlorobiphenyl	86.1		40-140	%REC	1	03/05/12 12:26 AM
PESTICIDES			SW8081		Prep Date: 03/02/12	Analyst: RM
4,4'-DDD	ND		0.24	mg/Kg-dry	20	03/04/12 09:28 PM
4,4'-DDE	ND		0.24	mg/Kg-dry	20	03/04/12 09:28 PM
4,4'-DDT	ND		0.24	mg/Kg-dry	20	03/04/12 09:28 PM
Aldrin	ND		0.24	mg/Kg-dry	20	03/04/12 09:28 PM
alpha-BHC	ND		0.24	mg/Kg-dry	20	03/04/12 09:28 PM
alpha-Chlordane	ND		0.24	mg/Kg-dry	20	03/04/12 09:28 PM
beta-BHC	ND		0.24	mg/Kg-dry	20	03/04/12 09:28 PM
Chlordane, Technical	ND		0.60	mg/Kg-dry	20	03/04/12 09:28 PM
delta-BHC	ND		0.24	mg/Kg-dry	20	03/04/12 09:28 PM
Dieldrin	ND		0.24	mg/Kg-dry	20	03/04/12 09:28 PM
Endosulfan I	ND		0.24	mg/Kg-dry	20	03/04/12 09:28 PM
Endosulfan II	ND		0.24	mg/Kg-dry	20	03/04/12 09:28 PM
Endosulfan sulfate	ND		0.24	mg/Kg-dry	20	03/04/12 09:28 PM
Endrin	ND		0.24	mg/Kg-dry	20	03/04/12 09:28 PM
Endrin aldehyde	ND		0.24	mg/Kg-dry	20	03/04/12 09:28 PM
Endrin ketone	ND		0.24	mg/Kg-dry	20	03/04/12 09:28 PM
gamma-BHC (Lindane)	ND		0.24	mg/Kg-dry	20	03/04/12 09:28 PM
gamma-Chlordane	ND		0.24	mg/Kg-dry	20	03/04/12 09:28 PM
Heptachlor	ND		0.24	mg/Kg-dry	20	03/04/12 09:28 PM
Heptachlor epoxide	ND		0.24	mg/Kg-dry	20	03/04/12 09:28 PM
Methoxychlor	ND		0.24	mg/Kg-dry	20	03/04/12 09:28 PM
Toxaphene	ND		1.4	mg/Kg-dry	20	03/04/12 09:28 PM
Surr: Decachlorobiphenyl	100		45-135	%REC	20	03/04/12 09:28 PM
Surr: Tetrachloro-m-xylene	100		45-124	%REC	20	03/04/12 09:28 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B02-S01-022312

Lab ID: 1202723-23

Collection Date: 02/23/12 01:55 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/28/12	Analyst: LR
Mercury	0.27		0.022	mg/Kg-dry	1	02/29/12 04:18 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/28/12	Analyst: CES
Aluminum	6,600		2.0	mg/Kg-dry	2	03/01/12 08:39 PM
Antimony	37		0.99	mg/Kg-dry	2	03/01/12 08:39 PM
Arsenic	8.8		0.99	mg/Kg-dry	2	03/01/12 08:39 PM
Barium	720		9.9	mg/Kg-dry	20	03/02/12 02:21 PM
Beryllium	0.63		0.40	mg/Kg-dry	2	03/01/12 08:39 PM
Boron	860		4.0	mg/Kg-dry	2	03/01/12 08:39 PM
Cadmium	11		0.40	mg/Kg-dry	2	03/01/12 08:39 PM
Calcium	29,000		99	mg/Kg-dry	2	03/01/12 08:39 PM
Chromium	18		0.99	mg/Kg-dry	2	03/01/12 08:39 PM
Cobalt	110		0.99	mg/Kg-dry	2	03/01/12 08:39 PM
Copper	240		0.99	mg/Kg-dry	2	03/01/12 08:39 PM
Iron	21,000		16	mg/Kg-dry	2	03/01/12 08:39 PM
Lead	1,100		9.9	mg/Kg-dry	20	03/02/12 02:21 PM
Magnesium	14,000		40	mg/Kg-dry	2	03/01/12 08:39 PM
Manganese	330		0.99	mg/Kg-dry	2	03/01/12 08:39 PM
Nickel	140		0.99	mg/Kg-dry	2	03/01/12 08:39 PM
Potassium	1,700		40	mg/Kg-dry	2	03/01/12 08:39 PM
Selenium	1.7		0.99	mg/Kg-dry	2	03/01/12 08:39 PM
Silver	1.3		0.99	mg/Kg-dry	2	03/01/12 08:39 PM
Sodium	3,100		40	mg/Kg-dry	2	03/01/12 08:39 PM
Thallium	ND		0.99	mg/Kg-dry	2	03/01/12 08:39 PM
Vanadium	14		0.99	mg/Kg-dry	2	03/01/12 08:39 PM
Zinc	1,000		20	mg/Kg-dry	20	03/02/12 02:21 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/28/12	Analyst: HL
1,1'-Biphenyl	ND		2.1	mg/Kg-dry	5	03/05/12 08:56 PM
2,4,5-Trichlorophenol	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
2,4,6-Trichlorophenol	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
2,4-Dichlorophenol	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
2,4-Dimethylphenol	ND		2.1	mg/Kg-dry	5	03/05/12 08:56 PM
2,4-Dinitrophenol	ND		4.2	mg/Kg-dry	5	03/05/12 08:56 PM
2,4-Dinitrotoluene	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
2,6-Dinitrotoluene	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
2-Chloronaphthalene	ND		0.51	mg/Kg-dry	5	03/05/12 08:56 PM
2-Chlorophenol	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
2-Methylnaphthalene	ND		0.51	mg/Kg-dry	5	03/05/12 08:56 PM
2-Methylphenol	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B02-S01-022312

Lab ID: 1202723-23

Collection Date: 02/23/12 01:55 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		4.2	mg/Kg-dry	5	03/05/12 08:56 PM
2-Nitrophenol	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
3,3'-Dichlorobenzidine	ND		4.2	mg/Kg-dry	5	03/05/12 08:56 PM
3-Nitroaniline	ND		4.2	mg/Kg-dry	5	03/05/12 08:56 PM
4,6-Dinitro-2-methylphenol	ND		2.1	mg/Kg-dry	5	03/05/12 08:56 PM
4-Bromophenyl phenyl ether	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
4-Chloro-3-methylphenol	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
4-Chloroaniline	ND		4.2	mg/Kg-dry	5	03/05/12 08:56 PM
4-Chlorophenyl phenyl ether	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
4-Methylphenol	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
4-Nitroaniline	ND		4.2	mg/Kg-dry	5	03/05/12 08:56 PM
4-Nitrophenol	ND		4.2	mg/Kg-dry	5	03/05/12 08:56 PM
Acenaphthene	ND		0.19	mg/Kg-dry	5	03/05/12 08:56 PM
Acenaphthylene	ND		0.19	mg/Kg-dry	5	03/05/12 08:56 PM
Acetophenone	ND		2.1	mg/Kg-dry	5	03/05/12 08:56 PM
Anthracene	ND		0.19	mg/Kg-dry	5	03/05/12 08:56 PM
Atrazine	ND		2.1	mg/Kg-dry	5	03/05/12 08:56 PM
Benzaldehyde	ND		2.1	mg/Kg-dry	5	03/05/12 08:56 PM
Benzo(a)anthracene	ND		0.19	mg/Kg-dry	5	03/05/12 08:56 PM
Benzo(a)pyrene	0.22		0.19	mg/Kg-dry	5	03/05/12 08:56 PM
Benzo(b)fluoranthene	0.37		0.19	mg/Kg-dry	5	03/05/12 08:56 PM
Benzo(g,h,i)perylene	ND		0.19	mg/Kg-dry	5	03/05/12 08:56 PM
Benzo(k)fluoranthene	0.21		0.19	mg/Kg-dry	5	03/05/12 08:56 PM
Bis(2-chloroethoxy)methane	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
Bis(2-chloroethyl)ether	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
Bis(2-chloroisopropyl)ether	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
Bis(2-ethylhexyl)phthalate	ND		2.1	mg/Kg-dry	5	03/05/12 08:56 PM
Butyl benzyl phthalate	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
Caprolactam	ND		2.1	mg/Kg-dry	5	03/05/12 08:56 PM
Carbazole	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
Chrysene	0.29		0.19	mg/Kg-dry	5	03/05/12 08:56 PM
Dibenzo(a,h)anthracene	ND		0.19	mg/Kg-dry	5	03/05/12 08:56 PM
Dibenzofuran	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
Diethyl phthalate	ND		2.1	mg/Kg-dry	5	03/05/12 08:56 PM
Dimethyl phthalate	ND		2.1	mg/Kg-dry	5	03/05/12 08:56 PM
Di-n-butyl phthalate	ND		2.1	mg/Kg-dry	5	03/05/12 08:56 PM
Di-n-octyl phthalate	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
Fluoranthene	0.37		0.19	mg/Kg-dry	5	03/05/12 08:56 PM
Fluorene	ND		0.19	mg/Kg-dry	5	03/05/12 08:56 PM
Hexachlorobenzene	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B02-S01-022312

Lab ID: 1202723-23

Collection Date: 02/23/12 01:55 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
Hexachlorocyclopentadiene	ND		2.1	mg/Kg-dry	5	03/05/12 08:56 PM
Hexachloroethane	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
Indeno(1,2,3-cd)pyrene	ND		0.19	mg/Kg-dry	5	03/05/12 08:56 PM
Isophorone	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
Naphthalene	ND		0.19	mg/Kg-dry	5	03/05/12 08:56 PM
Nitrobenzene	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
N-Nitrosodi-n-propylamine	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
N-Nitrosodiphenylamine	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
Pentachlorophenol	ND		2.1	mg/Kg-dry	5	03/05/12 08:56 PM
Phenanthrene	ND		0.19	mg/Kg-dry	5	03/05/12 08:56 PM
Phenol	ND		1.0	mg/Kg-dry	5	03/05/12 08:56 PM
Pyrene	0.39		0.19	mg/Kg-dry	5	03/05/12 08:56 PM
<i>Surr: 2,4,6-Tribromophenol</i>	76.4		34-140	%REC	5	03/05/12 08:56 PM
<i>Surr: 2-Fluorobiphenyl</i>	77.3		12-100	%REC	5	03/05/12 08:56 PM
<i>Surr: 2-Fluorophenol</i>	84.9		33-117	%REC	5	03/05/12 08:56 PM
<i>Surr: 4-Terphenyl-d14</i>	98.2		25-137	%REC	5	03/05/12 08:56 PM
<i>Surr: Nitrobenzene-d5</i>	76.9		37-107	%REC	5	03/05/12 08:56 PM
<i>Surr: Phenol-d6</i>	83.9		40-106	%REC	5	03/05/12 08:56 PM
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: RS
1,1,1-Trichloroethane	ND		0.064	mg/Kg-dry	50	03/04/12 09:03 PM
1,1,2,2-Tetrachloroethane	ND		0.13	mg/Kg-dry	50	03/04/12 09:03 PM
1,1,2-Trichloroethane	ND		0.13	mg/Kg-dry	50	03/04/12 09:03 PM
1,1,2-Trichlorotrifluoroethane	ND		0.064	mg/Kg-dry	50	03/04/12 09:03 PM
1,1-Dichloroethane	ND		0.064	mg/Kg-dry	50	03/04/12 09:03 PM
1,1-Dichloroethene	ND		0.064	mg/Kg-dry	50	03/04/12 09:03 PM
1,2,4-Trichlorobenzene	ND		0.064	mg/Kg-dry	50	03/04/12 09:03 PM
1,2-Dibromo-3-chloropropane	ND		0.13	mg/Kg-dry	50	03/04/12 09:03 PM
1,2-Dibromoethane	ND		0.096	mg/Kg-dry	50	03/04/12 09:03 PM
1,2-Dichlorobenzene	ND		0.064	mg/Kg-dry	50	03/04/12 09:03 PM
1,2-Dichloroethane	ND		0.064	mg/Kg-dry	50	03/04/12 09:03 PM
1,2-Dichloropropane	ND		0.22	mg/Kg-dry	50	03/04/12 09:03 PM
1,3-Dichlorobenzene	ND		0.064	mg/Kg-dry	50	03/04/12 09:03 PM
1,4-Dichlorobenzene	ND		0.064	mg/Kg-dry	50	03/04/12 09:03 PM
2-Butanone	ND		0.48	mg/Kg-dry	50	03/04/12 09:03 PM
2-Hexanone	ND		0.32	mg/Kg-dry	50	03/04/12 09:03 PM
4-Methyl-2-pentanone	ND		0.32	mg/Kg-dry	50	03/04/12 09:03 PM
Acetone	ND		0.38	mg/Kg-dry	50	03/04/12 09:03 PM
Benzene	ND		0.064	mg/Kg-dry	50	03/04/12 09:03 PM
Bromodichloromethane	ND		0.096	mg/Kg-dry	50	03/04/12 09:03 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B02-S01-022312

Lab ID: 1202723-23

Collection Date: 02/23/12 01:55 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.064	mg/Kg-dry	50	03/04/12 09:03 PM
Bromomethane	ND		0.096	mg/Kg-dry	50	03/04/12 09:03 PM
Carbon disulfide	ND		0.096	mg/Kg-dry	50	03/04/12 09:03 PM
Carbon tetrachloride	ND		0.064	mg/Kg-dry	50	03/04/12 09:03 PM
Chlorobenzene	ND		0.096	mg/Kg-dry	50	03/04/12 09:03 PM
Chloroethane	ND		0.19	mg/Kg-dry	50	03/04/12 09:03 PM
Chloroform	ND		0.064	mg/Kg-dry	50	03/04/12 09:03 PM
Chloromethane	ND		0.19	mg/Kg-dry	50	03/04/12 09:03 PM
cis-1,2-Dichloroethene	ND		0.13	mg/Kg-dry	50	03/04/12 09:03 PM
cis-1,3-Dichloropropene	ND		0.064	mg/Kg-dry	50	03/04/12 09:03 PM
Cyclohexane	ND		0.064	mg/Kg-dry	50	03/04/12 09:03 PM
Dibromochloromethane	ND		0.13	mg/Kg-dry	50	03/04/12 09:03 PM
Dichlorodifluoromethane	ND		0.064	mg/Kg-dry	50	03/04/12 09:03 PM
Ethylbenzene	ND		0.13	mg/Kg-dry	50	03/04/12 09:03 PM
Isopropylbenzene	ND		0.064	mg/Kg-dry	50	03/04/12 09:03 PM
Methyl acetate	ND		0.064	mg/Kg-dry	50	03/04/12 09:03 PM
Methyl tert-butyl ether	ND		0.096	mg/Kg-dry	50	03/04/12 09:03 PM
Methylcyclohexane	ND		1.3	mg/Kg-dry	50	03/04/12 09:03 PM
Methylene chloride	ND		0.13	mg/Kg-dry	50	03/04/12 09:03 PM
Styrene	ND		0.096	mg/Kg-dry	50	03/04/12 09:03 PM
Tetrachloroethene	ND		0.064	mg/Kg-dry	50	03/04/12 09:03 PM
Toluene	ND		0.096	mg/Kg-dry	50	03/04/12 09:03 PM
trans-1,2-Dichloroethene	ND		0.064	mg/Kg-dry	50	03/04/12 09:03 PM
trans-1,3-Dichloropropene	ND		0.096	mg/Kg-dry	50	03/04/12 09:03 PM
Trichloroethene	ND		0.064	mg/Kg-dry	50	03/04/12 09:03 PM
Trichlorofluoromethane	ND		0.064	mg/Kg-dry	50	03/04/12 09:03 PM
Vinyl chloride	ND		0.13	mg/Kg-dry	50	03/04/12 09:03 PM
Xylenes, Total	ND		0.19	mg/Kg-dry	50	03/04/12 09:03 PM
Surr: 1,2-Dichloroethane-d4	101		70-120	%REC	50	03/04/12 09:03 PM
Surr: 4-Bromofluorobenzene	102		75-120	%REC	50	03/04/12 09:03 PM
Surr: Dibromofluoromethane	93.9		85-115	%REC	50	03/04/12 09:03 PM
Surr: Toluene-d8	103		85-115	%REC	50	03/04/12 09:03 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/28/12	Analyst: MB
Chromium, Hexavalent	ND		0.62	mg/Kg-dry	1	03/02/12 03:30 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	21		0.050	% of sample	1	02/27/12 03:45 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B02-S02-022312

Lab ID: 1202723-24

Collection Date: 02/23/12 01:45 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 03/02/12	Analyst: JD
2,4,5-T	ND		0.0062	mg/Kg-dry	1	03/05/12 06:41 AM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	03/05/12 06:41 AM
2,4-D	ND		0.0062	mg/Kg-dry	1	03/05/12 06:41 AM
Surr: DCAA	78.8		30-150	%REC	1	03/05/12 06:41 AM
PCBS			SW8082		Prep Date: 03/02/12	Analyst: JD
Aroclor 1016	ND		0.050	mg/Kg-dry	1	03/05/12 12:46 AM
Aroclor 1221	ND		0.050	mg/Kg-dry	1	03/05/12 12:46 AM
Aroclor 1232	ND		0.050	mg/Kg-dry	1	03/05/12 12:46 AM
Aroclor 1242	ND		0.050	mg/Kg-dry	1	03/05/12 12:46 AM
Aroclor 1248	ND		0.050	mg/Kg-dry	1	03/05/12 12:46 AM
Aroclor 1254	ND		0.050	mg/Kg-dry	1	03/05/12 12:46 AM
Aroclor 1260	ND		0.050	mg/Kg-dry	1	03/05/12 12:46 AM
Surr: Decachlorobiphenyl	92.1		40-140	%REC	1	03/05/12 12:46 AM
PESTICIDES			SW8081		Prep Date: 03/02/12	Analyst: RM
4,4'-DDD	ND		0.013	mg/Kg-dry	1	03/04/12 09:42 PM
4,4'-DDE	ND		0.013	mg/Kg-dry	1	03/04/12 09:42 PM
4,4'-DDT	ND		0.013	mg/Kg-dry	1	03/04/12 09:42 PM
Aldrin	ND		0.013	mg/Kg-dry	1	03/04/12 09:42 PM
alpha-BHC	ND		0.013	mg/Kg-dry	1	03/04/12 09:42 PM
alpha-Chlordane	ND		0.013	mg/Kg-dry	1	03/04/12 09:42 PM
beta-BHC	ND		0.013	mg/Kg-dry	1	03/04/12 09:42 PM
Chlordane, Technical	ND		0.031	mg/Kg-dry	1	03/04/12 09:42 PM
delta-BHC	ND		0.013	mg/Kg-dry	1	03/04/12 09:42 PM
Dieldrin	ND		0.013	mg/Kg-dry	1	03/04/12 09:42 PM
Endosulfan I	ND		0.013	mg/Kg-dry	1	03/04/12 09:42 PM
Endosulfan II	ND		0.013	mg/Kg-dry	1	03/04/12 09:42 PM
Endosulfan sulfate	ND		0.013	mg/Kg-dry	1	03/04/12 09:42 PM
Endrin	ND		0.013	mg/Kg-dry	1	03/04/12 09:42 PM
Endrin aldehyde	ND		0.013	mg/Kg-dry	1	03/04/12 09:42 PM
Endrin ketone	ND		0.013	mg/Kg-dry	1	03/04/12 09:42 PM
gamma-BHC (Lindane)	ND		0.013	mg/Kg-dry	1	03/04/12 09:42 PM
gamma-Chlordane	ND		0.013	mg/Kg-dry	1	03/04/12 09:42 PM
Heptachlor	ND		0.013	mg/Kg-dry	1	03/04/12 09:42 PM
Heptachlor epoxide	ND		0.013	mg/Kg-dry	1	03/04/12 09:42 PM
Methoxychlor	ND		0.013	mg/Kg-dry	1	03/04/12 09:42 PM
Toxaphene	ND		0.075	mg/Kg-dry	1	03/04/12 09:42 PM
Surr: Decachlorobiphenyl	91.1		45-135	%REC	1	03/04/12 09:42 PM
Surr: Tetrachloro-m-xylene	80.1		45-124	%REC	1	03/04/12 09:42 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B02-S02-022312

Lab ID: 1202723-24

Collection Date: 02/23/12 01:45 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/28/12	Analyst: LR
Mercury	0.023		0.022	mg/Kg-dry	1	02/29/12 04:33 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/28/12	Analyst: CES
Aluminum	5,100		1.8	mg/Kg-dry	2	03/01/12 08:45 PM
Antimony	ND		0.90	mg/Kg-dry	2	03/01/12 08:45 PM
Arsenic	4.2		0.90	mg/Kg-dry	2	03/01/12 08:45 PM
Barium	36		0.90	mg/Kg-dry	2	03/01/12 08:45 PM
Beryllium	ND		3.6	mg/Kg-dry	20	03/02/12 02:29 PM
Boron	410		36	mg/Kg-dry	20	03/04/12 03:21 PM
Cadmium	ND		0.36	mg/Kg-dry	2	03/01/12 08:45 PM
Calcium	2,100		90	mg/Kg-dry	2	03/01/12 08:45 PM
Chromium	8.6		0.90	mg/Kg-dry	2	03/01/12 08:45 PM
Cobalt	6.3		0.90	mg/Kg-dry	2	03/01/12 08:45 PM
Copper	20		0.90	mg/Kg-dry	2	03/01/12 08:45 PM
Iron	13,000		14	mg/Kg-dry	2	03/01/12 08:45 PM
Lead	10		0.90	mg/Kg-dry	2	03/01/12 08:45 PM
Magnesium	2,000		36	mg/Kg-dry	2	03/01/12 08:45 PM
Manganese	190		0.90	mg/Kg-dry	2	03/01/12 08:45 PM
Nickel	15		0.90	mg/Kg-dry	2	03/01/12 08:45 PM
Potassium	960		36	mg/Kg-dry	2	03/01/12 08:45 PM
Selenium	ND		0.90	mg/Kg-dry	2	03/01/12 08:45 PM
Silver	ND		0.90	mg/Kg-dry	2	03/01/12 08:45 PM
Sodium	1,700		36	mg/Kg-dry	2	03/01/12 08:45 PM
Thallium	ND		0.90	mg/Kg-dry	2	03/01/12 08:45 PM
Vanadium	11		0.90	mg/Kg-dry	2	03/01/12 08:45 PM
Zinc	38		1.8	mg/Kg-dry	2	03/01/12 08:45 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/28/12	Analyst: CW
1,1'-Biphenyl	ND		0.43	mg/Kg-dry	1	02/29/12 12:30 PM
2,4,5-Trichlorophenol	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
2,4,6-Trichlorophenol	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
2,4-Dichlorophenol	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
2,4-Dimethylphenol	ND		0.43	mg/Kg-dry	1	02/29/12 12:30 PM
2,4-Dinitrophenol	ND		0.85	mg/Kg-dry	1	02/29/12 12:30 PM
2,4-Dinitrotoluene	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
2,6-Dinitrotoluene	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
2-Chloronaphthalene	ND		0.10	mg/Kg-dry	1	02/29/12 12:30 PM
2-Chlorophenol	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
2-Methylnaphthalene	ND		0.10	mg/Kg-dry	1	02/29/12 12:30 PM
2-Methylphenol	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B02-S02-022312

Lab ID: 1202723-24

Collection Date: 02/23/12 01:45 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.85	mg/Kg-dry	1	02/29/12 12:30 PM
2-Nitrophenol	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
3,3'-Dichlorobenzidine	ND		0.85	mg/Kg-dry	1	02/29/12 12:30 PM
3-Nitroaniline	ND		0.85	mg/Kg-dry	1	02/29/12 12:30 PM
4,6-Dinitro-2-methylphenol	ND		0.43	mg/Kg-dry	1	02/29/12 12:30 PM
4-Bromophenyl phenyl ether	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
4-Chloro-3-methylphenol	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
4-Chloroaniline	ND		0.85	mg/Kg-dry	1	02/29/12 12:30 PM
4-Chlorophenyl phenyl ether	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
4-Methylphenol	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
4-Nitroaniline	ND		0.85	mg/Kg-dry	1	02/29/12 12:30 PM
4-Nitrophenol	ND		0.85	mg/Kg-dry	1	02/29/12 12:30 PM
Acenaphthene	ND		0.039	mg/Kg-dry	1	02/29/12 12:30 PM
Acenaphthylene	ND		0.039	mg/Kg-dry	1	02/29/12 12:30 PM
Acetophenone	ND		0.43	mg/Kg-dry	1	02/29/12 12:30 PM
Anthracene	ND		0.039	mg/Kg-dry	1	02/29/12 12:30 PM
Atrazine	ND		0.43	mg/Kg-dry	1	02/29/12 12:30 PM
Benzaldehyde	ND		0.43	mg/Kg-dry	1	02/29/12 12:30 PM
Benzo(a)anthracene	ND		0.039	mg/Kg-dry	1	02/29/12 12:30 PM
Benzo(a)pyrene	ND		0.039	mg/Kg-dry	1	02/29/12 12:30 PM
Benzo(b)fluoranthene	ND		0.039	mg/Kg-dry	1	02/29/12 12:30 PM
Benzo(g,h,i)perylene	ND		0.039	mg/Kg-dry	1	02/29/12 12:30 PM
Benzo(k)fluoranthene	ND		0.039	mg/Kg-dry	1	02/29/12 12:30 PM
Bis(2-chloroethoxy)methane	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
Bis(2-chloroethyl)ether	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
Bis(2-chloroisopropyl)ether	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
Bis(2-ethylhexyl)phthalate	ND		0.43	mg/Kg-dry	1	02/29/12 12:30 PM
Butyl benzyl phthalate	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
Caprolactam	ND		0.43	mg/Kg-dry	1	02/29/12 12:30 PM
Carbazole	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
Chrysene	ND		0.039	mg/Kg-dry	1	02/29/12 12:30 PM
Dibenzo(a,h)anthracene	ND		0.039	mg/Kg-dry	1	02/29/12 12:30 PM
Dibenzofuran	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
Diethyl phthalate	ND		0.43	mg/Kg-dry	1	02/29/12 12:30 PM
Dimethyl phthalate	ND		0.43	mg/Kg-dry	1	02/29/12 12:30 PM
Di-n-butyl phthalate	ND		0.43	mg/Kg-dry	1	02/29/12 12:30 PM
Di-n-octyl phthalate	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
Fluoranthene	ND		0.039	mg/Kg-dry	1	02/29/12 12:30 PM
Fluorene	ND		0.039	mg/Kg-dry	1	02/29/12 12:30 PM
Hexachlorobenzene	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B02-S02-022312

Lab ID: 1202723-24

Collection Date: 02/23/12 01:45 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
Hexachlorocyclopentadiene	ND		0.43	mg/Kg-dry	1	02/29/12 12:30 PM
Hexachloroethane	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
Indeno(1,2,3-cd)pyrene	ND		0.039	mg/Kg-dry	1	02/29/12 12:30 PM
Isophorone	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
Naphthalene	ND		0.039	mg/Kg-dry	1	02/29/12 12:30 PM
Nitrobenzene	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
N-Nitrosodi-n-propylamine	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
N-Nitrosodiphenylamine	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
Pentachlorophenol	ND		0.43	mg/Kg-dry	1	02/29/12 12:30 PM
Phenanthrene	ND		0.039	mg/Kg-dry	1	02/29/12 12:30 PM
Phenol	ND		0.21	mg/Kg-dry	1	02/29/12 12:30 PM
Pyrene	ND		0.039	mg/Kg-dry	1	02/29/12 12:30 PM
Surr: 2,4,6-Tribromophenol	80.0		34-140	%REC	1	02/29/12 12:30 PM
Surr: 2-Fluorobiphenyl	80.6		12-100	%REC	1	02/29/12 12:30 PM
Surr: 2-Fluorophenol	88.2		33-117	%REC	1	02/29/12 12:30 PM
Surr: 4-Terphenyl-d14	90.9		25-137	%REC	1	02/29/12 12:30 PM
Surr: Nitrobenzene-d5	86.3		37-107	%REC	1	02/29/12 12:30 PM
Surr: Phenol-d6	88.0		40-106	%REC	1	02/29/12 12:30 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: RS

1,1,1-Trichloroethane	ND		0.065	mg/Kg-dry	50	03/04/12 09:27 PM
1,1,2,2-Tetrachloroethane	ND		0.13	mg/Kg-dry	50	03/04/12 09:27 PM
1,1,2-Trichloroethane	ND		0.13	mg/Kg-dry	50	03/04/12 09:27 PM
1,1,2-Trichlorotrifluoroethane	ND		0.065	mg/Kg-dry	50	03/04/12 09:27 PM
1,1-Dichloroethane	ND		0.065	mg/Kg-dry	50	03/04/12 09:27 PM
1,1-Dichloroethene	ND		0.065	mg/Kg-dry	50	03/04/12 09:27 PM
1,2,4-Trichlorobenzene	ND		0.065	mg/Kg-dry	50	03/04/12 09:27 PM
1,2-Dibromo-3-chloropropane	ND		0.13	mg/Kg-dry	50	03/04/12 09:27 PM
1,2-Dibromoethane	ND		0.097	mg/Kg-dry	50	03/04/12 09:27 PM
1,2-Dichlorobenzene	ND		0.065	mg/Kg-dry	50	03/04/12 09:27 PM
1,2-Dichloroethane	ND		0.065	mg/Kg-dry	50	03/04/12 09:27 PM
1,2-Dichloropropane	ND		0.23	mg/Kg-dry	50	03/04/12 09:27 PM
1,3-Dichlorobenzene	ND		0.065	mg/Kg-dry	50	03/04/12 09:27 PM
1,4-Dichlorobenzene	ND		0.065	mg/Kg-dry	50	03/04/12 09:27 PM
2-Butanone	ND		0.48	mg/Kg-dry	50	03/04/12 09:27 PM
2-Hexanone	ND		0.32	mg/Kg-dry	50	03/04/12 09:27 PM
4-Methyl-2-pentanone	ND		0.32	mg/Kg-dry	50	03/04/12 09:27 PM
Acetone	ND		0.29	mg/Kg-dry	50	03/04/12 09:27 PM
Benzene	ND		0.065	mg/Kg-dry	50	03/04/12 09:27 PM
Bromodichloromethane	ND		0.097	mg/Kg-dry	50	03/04/12 09:27 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B02-S02-022312

Lab ID: 1202723-24

Collection Date: 02/23/12 01:45 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.065	mg/Kg-dry	50	03/04/12 09:27 PM
Bromomethane	ND		0.097	mg/Kg-dry	50	03/04/12 09:27 PM
Carbon disulfide	ND		0.097	mg/Kg-dry	50	03/04/12 09:27 PM
Carbon tetrachloride	ND		0.065	mg/Kg-dry	50	03/04/12 09:27 PM
Chlorobenzene	ND		0.097	mg/Kg-dry	50	03/04/12 09:27 PM
Chloroethane	ND		0.19	mg/Kg-dry	50	03/04/12 09:27 PM
Chloroform	ND		0.065	mg/Kg-dry	50	03/04/12 09:27 PM
Chloromethane	ND		0.19	mg/Kg-dry	50	03/04/12 09:27 PM
cis-1,2-Dichloroethene	ND		0.13	mg/Kg-dry	50	03/04/12 09:27 PM
cis-1,3-Dichloropropene	ND		0.065	mg/Kg-dry	50	03/04/12 09:27 PM
Cyclohexane	ND		0.065	mg/Kg-dry	50	03/04/12 09:27 PM
Dibromochloromethane	ND		0.13	mg/Kg-dry	50	03/04/12 09:27 PM
Dichlorodifluoromethane	ND		0.065	mg/Kg-dry	50	03/04/12 09:27 PM
Ethylbenzene	ND		0.13	mg/Kg-dry	50	03/04/12 09:27 PM
Isopropylbenzene	ND		0.065	mg/Kg-dry	50	03/04/12 09:27 PM
Methyl acetate	ND		0.065	mg/Kg-dry	50	03/04/12 09:27 PM
Methyl tert-butyl ether	ND		0.097	mg/Kg-dry	50	03/04/12 09:27 PM
Methylcyclohexane	ND		1.3	mg/Kg-dry	50	03/04/12 09:27 PM
Methylene chloride	ND		0.13	mg/Kg-dry	50	03/04/12 09:27 PM
Styrene	ND		0.097	mg/Kg-dry	50	03/04/12 09:27 PM
Tetrachloroethene	ND		0.065	mg/Kg-dry	50	03/04/12 09:27 PM
Toluene	ND		0.097	mg/Kg-dry	50	03/04/12 09:27 PM
trans-1,2-Dichloroethene	ND		0.065	mg/Kg-dry	50	03/04/12 09:27 PM
trans-1,3-Dichloropropene	ND		0.097	mg/Kg-dry	50	03/04/12 09:27 PM
Trichloroethene	ND		0.065	mg/Kg-dry	50	03/04/12 09:27 PM
Trichlorofluoromethane	ND		0.065	mg/Kg-dry	50	03/04/12 09:27 PM
Vinyl chloride	ND		0.13	mg/Kg-dry	50	03/04/12 09:27 PM
Xylenes, Total	ND		0.19	mg/Kg-dry	50	03/04/12 09:27 PM
Surr: 1,2-Dichloroethane-d4	103		70-120	%REC	50	03/04/12 09:27 PM
Surr: 4-Bromofluorobenzene	100		75-120	%REC	50	03/04/12 09:27 PM
Surr: Dibromofluoromethane	93.2		85-115	%REC	50	03/04/12 09:27 PM
Surr: Toluene-d8	103		85-115	%REC	50	03/04/12 09:27 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/28/12	Analyst: MB
Chromium, Hexavalent	ND		0.64	mg/Kg-dry	1	03/02/12 03:30 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	23		0.050	% of sample	1	02/27/12 03:45 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B03-S01-022312

Lab ID: 1202723-25

Collection Date: 02/23/12 11:15 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 03/02/12	Analyst: JD
2,4,5-T	ND		0.0061	mg/Kg-dry	1	03/05/12 06:50 AM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	03/05/12 06:50 AM
2,4-D	ND		0.0061	mg/Kg-dry	1	03/05/12 06:50 AM
Surr: DCAA	80.8		30-150	%REC	1	03/05/12 06:50 AM
PCBS			SW8082		Prep Date: 03/02/12	Analyst: JD
Aroclor 1016	ND		0.050	mg/Kg-dry	1	03/05/12 01:06 AM
Aroclor 1221	ND		0.050	mg/Kg-dry	1	03/05/12 01:06 AM
Aroclor 1232	ND		0.050	mg/Kg-dry	1	03/05/12 01:06 AM
Aroclor 1242	ND		0.050	mg/Kg-dry	1	03/05/12 01:06 AM
Aroclor 1248	ND		0.050	mg/Kg-dry	1	03/05/12 01:06 AM
Aroclor 1254	2.3		0.050	mg/Kg-dry	1	03/05/12 01:06 AM
Aroclor 1260	ND		0.050	mg/Kg-dry	1	03/05/12 01:06 AM
Surr: Decachlorobiphenyl	84.1		40-140	%REC	1	03/05/12 01:06 AM
PESTICIDES			SW8081		Prep Date: 03/02/12	Analyst: RM
4,4'-DDD	ND		0.12	mg/Kg-dry	10	03/04/12 09:57 PM
4,4'-DDE	ND		0.12	mg/Kg-dry	10	03/04/12 09:57 PM
4,4'-DDT	ND		0.12	mg/Kg-dry	10	03/04/12 09:57 PM
Aldrin	ND		0.12	mg/Kg-dry	10	03/04/12 09:57 PM
alpha-BHC	ND		0.12	mg/Kg-dry	10	03/04/12 09:57 PM
alpha-Chlordane	ND		0.12	mg/Kg-dry	10	03/04/12 09:57 PM
beta-BHC	ND		0.12	mg/Kg-dry	10	03/04/12 09:57 PM
Chlordane, Technical	ND		0.31	mg/Kg-dry	10	03/04/12 09:57 PM
delta-BHC	ND		0.12	mg/Kg-dry	10	03/04/12 09:57 PM
Dieldrin	ND		0.12	mg/Kg-dry	10	03/04/12 09:57 PM
Endosulfan I	ND		0.12	mg/Kg-dry	10	03/04/12 09:57 PM
Endosulfan II	ND		0.12	mg/Kg-dry	10	03/04/12 09:57 PM
Endosulfan sulfate	ND		0.12	mg/Kg-dry	10	03/04/12 09:57 PM
Endrin	ND		0.12	mg/Kg-dry	10	03/04/12 09:57 PM
Endrin aldehyde	ND		0.12	mg/Kg-dry	10	03/04/12 09:57 PM
Endrin ketone	ND		0.12	mg/Kg-dry	10	03/04/12 09:57 PM
gamma-BHC (Lindane)	ND		0.12	mg/Kg-dry	10	03/04/12 09:57 PM
gamma-Chlordane	ND		0.12	mg/Kg-dry	10	03/04/12 09:57 PM
Heptachlor	ND		0.12	mg/Kg-dry	10	03/04/12 09:57 PM
Heptachlor epoxide	ND		0.12	mg/Kg-dry	10	03/04/12 09:57 PM
Methoxychlor	ND		0.12	mg/Kg-dry	10	03/04/12 09:57 PM
Toxaphene	ND		0.75	mg/Kg-dry	10	03/04/12 09:57 PM
Surr: Decachlorobiphenyl	90.1		45-135	%REC	10	03/04/12 09:57 PM
Surr: Tetrachloro-m-xylene	90.1		45-124	%REC	10	03/04/12 09:57 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B03-S01-022312

Lab ID: 1202723-25

Collection Date: 02/23/12 11:15 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/28/12	Analyst: LR
Mercury	0.11		0.022	mg/Kg-dry	1	02/29/12 04:36 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/28/12	Analyst: CES
Aluminum	4,900		1.6	mg/Kg-dry	2	03/01/12 08:51 PM
Antimony	ND		0.81	mg/Kg-dry	2	03/01/12 08:51 PM
Arsenic	3.5		0.81	mg/Kg-dry	2	03/01/12 08:51 PM
Barium	110		0.81	mg/Kg-dry	2	03/01/12 08:51 PM
Beryllium	ND		3.2	mg/Kg-dry	20	03/02/12 02:35 PM
Boron	420		32	mg/Kg-dry	20	03/04/12 03:28 PM
Cadmium	0.64		0.32	mg/Kg-dry	2	03/01/12 08:51 PM
Calcium	3,200		81	mg/Kg-dry	2	03/01/12 08:51 PM
Chromium	9.8		0.81	mg/Kg-dry	2	03/01/12 08:51 PM
Cobalt	15		0.81	mg/Kg-dry	2	03/01/12 08:51 PM
Copper	26		0.81	mg/Kg-dry	2	03/01/12 08:51 PM
Iron	11,000		13	mg/Kg-dry	2	03/01/12 08:51 PM
Lead	33		0.81	mg/Kg-dry	2	03/01/12 08:51 PM
Magnesium	2,300		32	mg/Kg-dry	2	03/01/12 08:51 PM
Manganese	150		0.81	mg/Kg-dry	2	03/01/12 08:51 PM
Nickel	26		0.81	mg/Kg-dry	2	03/01/12 08:51 PM
Potassium	1,200		32	mg/Kg-dry	2	03/01/12 08:51 PM
Selenium	ND		0.81	mg/Kg-dry	2	03/01/12 08:51 PM
Silver	ND		0.81	mg/Kg-dry	2	03/01/12 08:51 PM
Sodium	1,900		32	mg/Kg-dry	2	03/01/12 08:51 PM
Thallium	ND		0.81	mg/Kg-dry	2	03/01/12 08:51 PM
Vanadium	10		0.81	mg/Kg-dry	2	03/01/12 08:51 PM
Zinc	76		1.6	mg/Kg-dry	2	03/01/12 08:51 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/28/12	Analyst: HL
1,1'-Biphenyl	ND		0.41	mg/Kg-dry	1	03/05/12 10:42 PM
2,4,5-Trichlorophenol	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM
2,4,6-Trichlorophenol	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM
2,4-Dichlorophenol	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM
2,4-Dimethylphenol	ND		0.41	mg/Kg-dry	1	03/05/12 10:42 PM
2,4-Dinitrophenol	ND		0.81	mg/Kg-dry	1	03/05/12 10:42 PM
2,4-Dinitrotoluene	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM
2,6-Dinitrotoluene	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM
2-Chloronaphthalene	ND		0.099	mg/Kg-dry	1	03/05/12 10:42 PM
2-Chlorophenol	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM
2-Methylnaphthalene	ND		0.099	mg/Kg-dry	1	03/05/12 10:42 PM
2-Methylphenol	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B03-S01-022312

Lab ID: 1202723-25

Collection Date: 02/23/12 11:15 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.81	mg/Kg-dry	1	03/05/12 10:42 PM
2-Nitrophenol	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM
3,3'-Dichlorobenzidine	ND		0.81	mg/Kg-dry	1	03/05/12 10:42 PM
3-Nitroaniline	ND		0.81	mg/Kg-dry	1	03/05/12 10:42 PM
4,6-Dinitro-2-methylphenol	ND		0.41	mg/Kg-dry	1	03/05/12 10:42 PM
4-Bromophenyl phenyl ether	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM
4-Chloro-3-methylphenol	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM
4-Chloroaniline	ND		0.81	mg/Kg-dry	1	03/05/12 10:42 PM
4-Chlorophenyl phenyl ether	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM
4-Methylphenol	7.9		2.0	mg/Kg-dry	10	03/02/12 07:07 PM
4-Nitroaniline	ND		0.81	mg/Kg-dry	1	03/05/12 10:42 PM
4-Nitrophenol	ND		0.81	mg/Kg-dry	1	03/05/12 10:42 PM
Acenaphthene	ND		0.037	mg/Kg-dry	1	03/05/12 10:42 PM
Acenaphthylene	ND		0.037	mg/Kg-dry	1	03/05/12 10:42 PM
Acetophenone	ND		0.41	mg/Kg-dry	1	03/05/12 10:42 PM
Anthracene	ND		0.037	mg/Kg-dry	1	03/05/12 10:42 PM
Atrazine	ND		0.41	mg/Kg-dry	1	03/05/12 10:42 PM
Benzaldehyde	ND		0.41	mg/Kg-dry	1	03/05/12 10:42 PM
Benzo(a)anthracene	ND		0.037	mg/Kg-dry	1	03/05/12 10:42 PM
Benzo(a)pyrene	0.047		0.037	mg/Kg-dry	1	03/05/12 10:42 PM
Benzo(b)fluoranthene	0.067		0.037	mg/Kg-dry	1	03/05/12 10:42 PM
Benzo(g,h,i)perylene	ND		0.037	mg/Kg-dry	1	03/05/12 10:42 PM
Benzo(k)fluoranthene	0.040		0.037	mg/Kg-dry	1	03/05/12 10:42 PM
Bis(2-chloroethoxy)methane	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM
Bis(2-chloroethyl)ether	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM
Bis(2-chloroisopropyl)ether	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM
Bis(2-ethylhexyl)phthalate	ND		0.41	mg/Kg-dry	1	03/05/12 10:42 PM
Butyl benzyl phthalate	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM
Caprolactam	ND		0.41	mg/Kg-dry	1	03/05/12 10:42 PM
Carbazole	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM
Chrysene	0.056		0.037	mg/Kg-dry	1	03/05/12 10:42 PM
Dibenzo(a,h)anthracene	ND		0.037	mg/Kg-dry	1	03/05/12 10:42 PM
Dibenzofuran	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM
Diethyl phthalate	ND		0.41	mg/Kg-dry	1	03/05/12 10:42 PM
Dimethyl phthalate	ND		0.41	mg/Kg-dry	1	03/05/12 10:42 PM
Di-n-butyl phthalate	ND		0.41	mg/Kg-dry	1	03/05/12 10:42 PM
Di-n-octyl phthalate	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM
Fluoranthene	0.060		0.037	mg/Kg-dry	1	03/05/12 10:42 PM
Fluorene	ND		0.037	mg/Kg-dry	1	03/05/12 10:42 PM
Hexachlorobenzene	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B03-S01-022312

Lab ID: 1202723-25

Collection Date: 02/23/12 11:15 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM
Hexachlorocyclopentadiene	ND		0.41	mg/Kg-dry	1	03/05/12 10:42 PM
Hexachloroethane	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM
Indeno(1,2,3-cd)pyrene	ND		0.037	mg/Kg-dry	1	03/05/12 10:42 PM
Isophorone	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM
Naphthalene	ND		0.037	mg/Kg-dry	1	03/05/12 10:42 PM
Nitrobenzene	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM
N-Nitrosodi-n-propylamine	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM
N-Nitrosodiphenylamine	ND		0.20	mg/Kg-dry	1	03/05/12 10:42 PM
Pentachlorophenol	ND		0.41	mg/Kg-dry	1	03/05/12 10:42 PM
Phenanthrene	0.038		0.037	mg/Kg-dry	1	03/05/12 10:42 PM
Phenol	1.2		0.20	mg/Kg-dry	1	03/05/12 10:42 PM
Pyrene	0.075		0.037	mg/Kg-dry	1	03/05/12 10:42 PM
Surr: 2,4,6-Tribromophenol	85.5		34-140	%REC	1	03/05/12 10:42 PM
Surr: 2-Fluorobiphenyl	74.3		12-100	%REC	1	03/05/12 10:42 PM
Surr: 2-Fluorophenol	83.3		33-117	%REC	1	03/05/12 10:42 PM
Surr: 4-Terphenyl-d14	80.5		25-137	%REC	1	03/05/12 10:42 PM
Surr: Nitrobenzene-d5	69.1		37-107	%REC	1	03/05/12 10:42 PM
Surr: Phenol-d6	79.6		40-106	%REC	1	03/05/12 10:42 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: RS

1,1,1-Trichloroethane	ND		0.063	mg/Kg-dry	50	03/04/12 11:25 PM
1,1,2,2-Tetrachloroethane	ND		0.13	mg/Kg-dry	50	03/04/12 11:25 PM
1,1,2-Trichloroethane	ND		0.13	mg/Kg-dry	50	03/04/12 11:25 PM
1,1,2-Trichlorotrifluoroethane	ND		0.063	mg/Kg-dry	50	03/04/12 11:25 PM
1,1-Dichloroethane	ND		0.063	mg/Kg-dry	50	03/04/12 11:25 PM
1,1-Dichloroethene	ND		0.063	mg/Kg-dry	50	03/04/12 11:25 PM
1,2,4-Trichlorobenzene	ND		0.063	mg/Kg-dry	50	03/04/12 11:25 PM
1,2-Dibromo-3-chloropropane	ND		0.13	mg/Kg-dry	50	03/04/12 11:25 PM
1,2-Dibromoethane	ND		0.095	mg/Kg-dry	50	03/04/12 11:25 PM
1,2-Dichlorobenzene	ND		0.063	mg/Kg-dry	50	03/04/12 11:25 PM
1,2-Dichloroethane	ND		0.063	mg/Kg-dry	50	03/04/12 11:25 PM
1,2-Dichloropropane	ND		0.22	mg/Kg-dry	50	03/04/12 11:25 PM
1,3-Dichlorobenzene	ND		0.063	mg/Kg-dry	50	03/04/12 11:25 PM
1,4-Dichlorobenzene	ND		0.063	mg/Kg-dry	50	03/04/12 11:25 PM
2-Butanone	ND		0.47	mg/Kg-dry	50	03/04/12 11:25 PM
2-Hexanone	ND		0.32	mg/Kg-dry	50	03/04/12 11:25 PM
4-Methyl-2-pentanone	ND		0.32	mg/Kg-dry	50	03/04/12 11:25 PM
Acetone	ND		0.69	mg/Kg-dry	50	03/04/12 11:25 PM
Benzene	ND		0.063	mg/Kg-dry	50	03/04/12 11:25 PM
Bromodichloromethane	ND		0.095	mg/Kg-dry	50	03/04/12 11:25 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B03-S01-022312

Lab ID: 1202723-25

Collection Date: 02/23/12 11:15 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.063	mg/Kg-dry	50	03/04/12 11:25 PM
Bromomethane	ND		0.095	mg/Kg-dry	50	03/04/12 11:25 PM
Carbon disulfide	ND		0.095	mg/Kg-dry	50	03/04/12 11:25 PM
Carbon tetrachloride	ND		0.063	mg/Kg-dry	50	03/04/12 11:25 PM
Chlorobenzene	ND		0.095	mg/Kg-dry	50	03/04/12 11:25 PM
Chloroethane	ND		0.19	mg/Kg-dry	50	03/04/12 11:25 PM
Chloroform	ND		0.063	mg/Kg-dry	50	03/04/12 11:25 PM
Chloromethane	ND		0.19	mg/Kg-dry	50	03/04/12 11:25 PM
cis-1,2-Dichloroethene	ND		0.13	mg/Kg-dry	50	03/04/12 11:25 PM
cis-1,3-Dichloropropene	ND		0.063	mg/Kg-dry	50	03/04/12 11:25 PM
Cyclohexane	ND		0.063	mg/Kg-dry	50	03/04/12 11:25 PM
Dibromochloromethane	ND		0.13	mg/Kg-dry	50	03/04/12 11:25 PM
Dichlorodifluoromethane	ND		0.063	mg/Kg-dry	50	03/04/12 11:25 PM
Ethylbenzene	ND		0.13	mg/Kg-dry	50	03/04/12 11:25 PM
Isopropylbenzene	ND		0.063	mg/Kg-dry	50	03/04/12 11:25 PM
Methyl acetate	ND		3.5	mg/Kg-dry	50	03/04/12 11:25 PM
Methyl tert-butyl ether	ND		0.095	mg/Kg-dry	50	03/04/12 11:25 PM
Methylcyclohexane	ND		1.3	mg/Kg-dry	50	03/04/12 11:25 PM
Methylene chloride	ND		0.25	mg/Kg-dry	50	03/04/12 11:25 PM
Styrene	ND		0.095	mg/Kg-dry	50	03/04/12 11:25 PM
Tetrachloroethene	ND		0.063	mg/Kg-dry	50	03/04/12 11:25 PM
Toluene	ND		0.095	mg/Kg-dry	50	03/04/12 11:25 PM
trans-1,2-Dichloroethene	ND		0.063	mg/Kg-dry	50	03/04/12 11:25 PM
trans-1,3-Dichloropropene	ND		0.095	mg/Kg-dry	50	03/04/12 11:25 PM
Trichloroethene	ND		0.063	mg/Kg-dry	50	03/04/12 11:25 PM
Trichlorofluoromethane	ND		0.063	mg/Kg-dry	50	03/04/12 11:25 PM
Vinyl chloride	ND		0.13	mg/Kg-dry	50	03/04/12 11:25 PM
Xylenes, Total	ND		0.19	mg/Kg-dry	50	03/04/12 11:25 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	101		70-120	%REC	50	03/04/12 11:25 PM
<i>Surr: 4-Bromofluorobenzene</i>	96.3		75-120	%REC	50	03/04/12 11:25 PM
<i>Surr: Dibromofluoromethane</i>	92.3		85-115	%REC	50	03/04/12 11:25 PM
<i>Surr: Toluene-d8</i>	103		85-115	%REC	50	03/04/12 11:25 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/28/12	Analyst: MB
Chromium, Hexavalent	ND		0.63	mg/Kg-dry	1	03/02/12 03:30 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	21		0.050	% of sample	1	02/27/12 03:55 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B04-S01-022312

Lab ID: 1202723-26

Collection Date: 02/23/12 10:10 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 03/02/12	Analyst: JD
2,4,5-T	ND		0.0062	mg/Kg-dry	1	03/05/12 07:00 AM
2,4,5-TP (Silvex)	ND		0.012	mg/Kg-dry	1	03/05/12 07:00 AM
2,4-D	ND		0.0062	mg/Kg-dry	1	03/05/12 07:00 AM
Surr: DCAA	81.6		30-150	%REC	1	03/05/12 07:00 AM
PCBS			SW8082		Prep Date: 03/02/12	Analyst: JD
Aroclor 1016	ND		0.048	mg/Kg-dry	1	03/05/12 01:26 AM
Aroclor 1221	ND		0.048	mg/Kg-dry	1	03/05/12 01:26 AM
Aroclor 1232	ND		0.048	mg/Kg-dry	1	03/05/12 01:26 AM
Aroclor 1242	ND		0.048	mg/Kg-dry	1	03/05/12 01:26 AM
Aroclor 1248	ND		0.048	mg/Kg-dry	1	03/05/12 01:26 AM
Aroclor 1254	13		0.48	mg/Kg-dry	10	03/05/12 11:03 AM
Aroclor 1260	ND		0.048	mg/Kg-dry	1	03/05/12 01:26 AM
Surr: Decachlorobiphenyl	94.1		40-140	%REC	1	03/05/12 01:26 AM
PESTICIDES			SW8081		Prep Date: 03/02/12	Analyst: RM
4,4'-DDD	ND		0.24	mg/Kg-dry	20	03/04/12 10:12 PM
4,4'-DDE	ND		0.24	mg/Kg-dry	20	03/04/12 10:12 PM
4,4'-DDT	ND		0.24	mg/Kg-dry	20	03/04/12 10:12 PM
Aldrin	ND		0.24	mg/Kg-dry	20	03/04/12 10:12 PM
alpha-BHC	ND		0.24	mg/Kg-dry	20	03/04/12 10:12 PM
alpha-Chlordane	ND		0.24	mg/Kg-dry	20	03/04/12 10:12 PM
beta-BHC	ND		0.24	mg/Kg-dry	20	03/04/12 10:12 PM
Chlordane, Technical	ND		0.60	mg/Kg-dry	20	03/04/12 10:12 PM
delta-BHC	ND		0.24	mg/Kg-dry	20	03/04/12 10:12 PM
Dieldrin	ND		0.24	mg/Kg-dry	20	03/04/12 10:12 PM
Endosulfan I	ND		0.24	mg/Kg-dry	20	03/04/12 10:12 PM
Endosulfan II	ND		0.24	mg/Kg-dry	20	03/04/12 10:12 PM
Endosulfan sulfate	ND		0.24	mg/Kg-dry	20	03/04/12 10:12 PM
Endrin	ND		0.24	mg/Kg-dry	20	03/04/12 10:12 PM
Endrin aldehyde	ND		0.24	mg/Kg-dry	20	03/04/12 10:12 PM
Endrin ketone	ND		0.24	mg/Kg-dry	20	03/04/12 10:12 PM
gamma-BHC (Lindane)	ND		0.24	mg/Kg-dry	20	03/04/12 10:12 PM
gamma-Chlordane	ND		0.24	mg/Kg-dry	20	03/04/12 10:12 PM
Heptachlor	ND		0.24	mg/Kg-dry	20	03/04/12 10:12 PM
Heptachlor epoxide	ND		0.24	mg/Kg-dry	20	03/04/12 10:12 PM
Methoxychlor	ND		0.24	mg/Kg-dry	20	03/04/12 10:12 PM
Toxaphene	ND		1.4	mg/Kg-dry	20	03/04/12 10:12 PM
Surr: Decachlorobiphenyl	80.1		45-135	%REC	20	03/04/12 10:12 PM
Surr: Tetrachloro-m-xylene	80.1		45-124	%REC	20	03/04/12 10:12 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B04-S01-022312

Lab ID: 1202723-26

Collection Date: 02/23/12 10:10 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/28/12	Analyst: LR
Mercury	0.27		0.022	mg/Kg-dry	1	02/29/12 04:38 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/28/12	Analyst: CES
Aluminum	9,500		1.9	mg/Kg-dry	2	03/01/12 09:23 PM
Antimony	430		93	mg/Kg-dry	200	03/02/12 02:41 PM
Arsenic	52		0.93	mg/Kg-dry	2	03/01/12 09:23 PM
Barium	6,600		93	mg/Kg-dry	200	03/02/12 02:41 PM
Beryllium	0.86		0.37	mg/Kg-dry	2	03/01/12 09:23 PM
Boron	6,000		370	mg/Kg-dry	200	03/04/12 03:34 PM
Cadmium	110		0.37	mg/Kg-dry	2	03/01/12 09:23 PM
Calcium	35,000		9,300	mg/Kg-dry	200	03/02/12 02:41 PM
Chromium	160		0.93	mg/Kg-dry	2	03/01/12 09:23 PM
Cobalt	980		93	mg/Kg-dry	200	03/02/12 02:41 PM
Copper	1,200		93	mg/Kg-dry	200	03/02/12 02:41 PM
Iron	79,000		1,500	mg/Kg-dry	200	03/02/12 02:41 PM
Lead	4,300		93	mg/Kg-dry	200	03/02/12 02:41 PM
Magnesium	7,300		37	mg/Kg-dry	2	03/01/12 09:23 PM
Manganese	2,400		93	mg/Kg-dry	200	03/02/12 02:41 PM
Nickel	1,500		93	mg/Kg-dry	200	03/02/12 02:41 PM
Potassium	5,400		37	mg/Kg-dry	2	03/01/12 09:23 PM
Selenium	3.2		0.93	mg/Kg-dry	2	03/01/12 09:23 PM
Silver	3.5		0.93	mg/Kg-dry	2	03/01/12 09:23 PM
Sodium	10,000		37	mg/Kg-dry	2	03/01/12 09:23 PM
Thallium	ND		0.93	mg/Kg-dry	2	03/01/12 09:23 PM
Vanadium	17		0.93	mg/Kg-dry	2	03/01/12 09:23 PM
Zinc	3,800		190	mg/Kg-dry	200	03/02/12 02:41 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/28/12	Analyst: HL
1,1'-Biphenyl	ND		21	mg/Kg-dry	50	03/05/12 09:23 PM
2,4,5-Trichlorophenol	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM
2,4,6-Trichlorophenol	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM
2,4-Dichlorophenol	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM
2,4-Dimethylphenol	ND		21	mg/Kg-dry	50	03/05/12 09:23 PM
2,4-Dinitrophenol	ND		42	mg/Kg-dry	50	03/05/12 09:23 PM
2,4-Dinitrotoluene	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM
2,6-Dinitrotoluene	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM
2-Chloronaphthalene	ND		5.0	mg/Kg-dry	50	03/05/12 09:23 PM
2-Chlorophenol	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM
2-Methylnaphthalene	21		5.0	mg/Kg-dry	50	03/05/12 09:23 PM
2-Methylphenol	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B04-S01-022312

Lab ID: 1202723-26

Collection Date: 02/23/12 10:10 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		42	mg/Kg-dry	50	03/05/12 09:23 PM
2-Nitrophenol	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM
3,3'-Dichlorobenzidine	ND		42	mg/Kg-dry	50	03/05/12 09:23 PM
3-Nitroaniline	ND		42	mg/Kg-dry	50	03/05/12 09:23 PM
4,6-Dinitro-2-methylphenol	ND		21	mg/Kg-dry	50	03/05/12 09:23 PM
4-Bromophenyl phenyl ether	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM
4-Chloro-3-methylphenol	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM
4-Chloroaniline	ND		42	mg/Kg-dry	50	03/05/12 09:23 PM
4-Chlorophenyl phenyl ether	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM
4-Methylphenol	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM
4-Nitroaniline	ND		42	mg/Kg-dry	50	03/05/12 09:23 PM
4-Nitrophenol	ND		42	mg/Kg-dry	50	03/05/12 09:23 PM
Acenaphthene	14		1.9	mg/Kg-dry	50	03/05/12 09:23 PM
Acenaphthylene	2.0		1.9	mg/Kg-dry	50	03/05/12 09:23 PM
Acetophenone	ND		21	mg/Kg-dry	50	03/05/12 09:23 PM
Anthracene	15		1.9	mg/Kg-dry	50	03/05/12 09:23 PM
Atrazine	ND		21	mg/Kg-dry	50	03/05/12 09:23 PM
Benzaldehyde	ND		21	mg/Kg-dry	50	03/05/12 09:23 PM
Benzo(a)anthracene	8.2		1.9	mg/Kg-dry	50	03/05/12 09:23 PM
Benzo(a)pyrene	6.6		1.9	mg/Kg-dry	50	03/05/12 09:23 PM
Benzo(b)fluoranthene	9.5		1.9	mg/Kg-dry	50	03/05/12 09:23 PM
Benzo(g,h,i)perylene	2.7		1.9	mg/Kg-dry	50	03/05/12 09:23 PM
Benzo(k)fluoranthene	4.2		1.9	mg/Kg-dry	50	03/05/12 09:23 PM
Bis(2-chloroethoxy)methane	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM
Bis(2-chloroethyl)ether	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM
Bis(2-chloroisopropyl)ether	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM
Bis(2-ethylhexyl)phthalate	ND		21	mg/Kg-dry	50	03/05/12 09:23 PM
Butyl benzyl phthalate	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM
Caprolactam	ND		21	mg/Kg-dry	50	03/05/12 09:23 PM
Carbazole	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM
Chrysene	10		1.9	mg/Kg-dry	50	03/05/12 09:23 PM
Dibenzo(a,h)anthracene	ND		1.9	mg/Kg-dry	50	03/05/12 09:23 PM
Dibenzofuran	17		10	mg/Kg-dry	50	03/05/12 09:23 PM
Diethyl phthalate	ND		21	mg/Kg-dry	50	03/05/12 09:23 PM
Dimethyl phthalate	ND		21	mg/Kg-dry	50	03/05/12 09:23 PM
Di-n-butyl phthalate	ND		21	mg/Kg-dry	50	03/05/12 09:23 PM
Di-n-octyl phthalate	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM
Fluoranthene	39		1.9	mg/Kg-dry	50	03/05/12 09:23 PM
Fluorene	17		1.9	mg/Kg-dry	50	03/05/12 09:23 PM
Hexachlorobenzene	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B04-S01-022312

Lab ID: 1202723-26

Collection Date: 02/23/12 10:10 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM
Hexachlorocyclopentadiene	ND		21	mg/Kg-dry	50	03/05/12 09:23 PM
Hexachloroethane	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM
Indeno(1,2,3-cd)pyrene	2.8		1.9	mg/Kg-dry	50	03/05/12 09:23 PM
Isophorone	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM
Naphthalene	110		1.9	mg/Kg-dry	50	03/05/12 09:23 PM
Nitrobenzene	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM
N-Nitrosodi-n-propylamine	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM
N-Nitrosodiphenylamine	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM
Pentachlorophenol	ND		21	mg/Kg-dry	50	03/05/12 09:23 PM
Phenanthrene	68		1.9	mg/Kg-dry	50	03/05/12 09:23 PM
Phenol	ND		10	mg/Kg-dry	50	03/05/12 09:23 PM
Pyrene	27		1.9	mg/Kg-dry	50	03/05/12 09:23 PM
<i>Surr: 2,4,6-Tribromophenol</i>	0	S	34-140	%REC	50	03/05/12 09:23 PM
<i>Surr: 2-Fluorobiphenyl</i>	77.0		12-100	%REC	50	03/05/12 09:23 PM
<i>Surr: 2-Fluorophenol</i>	72.0		33-117	%REC	50	03/05/12 09:23 PM
<i>Surr: 4-Terphenyl-d14</i>	101		25-137	%REC	50	03/05/12 09:23 PM
<i>Surr: Nitrobenzene-d5</i>	68.0		37-107	%REC	50	03/05/12 09:23 PM
<i>Surr: Phenol-d6</i>	70.0		40-106	%REC	50	03/05/12 09:23 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: RS

1,1,1-Trichloroethane	ND		0.063	mg/Kg-dry	50	03/04/12 09:50 PM
1,1,2,2-Tetrachloroethane	ND		0.13	mg/Kg-dry	50	03/04/12 09:50 PM
1,1,2-Trichloroethane	ND		0.13	mg/Kg-dry	50	03/04/12 09:50 PM
1,1,2-Trichlorotrifluoroethane	ND		0.063	mg/Kg-dry	50	03/04/12 09:50 PM
1,1-Dichloroethane	ND		0.063	mg/Kg-dry	50	03/04/12 09:50 PM
1,1-Dichloroethene	ND		0.063	mg/Kg-dry	50	03/04/12 09:50 PM
1,2,4-Trichlorobenzene	ND		0.063	mg/Kg-dry	50	03/04/12 09:50 PM
1,2-Dibromo-3-chloropropane	ND		0.13	mg/Kg-dry	50	03/04/12 09:50 PM
1,2-Dibromoethane	ND		0.095	mg/Kg-dry	50	03/04/12 09:50 PM
1,2-Dichlorobenzene	ND		0.063	mg/Kg-dry	50	03/04/12 09:50 PM
1,2-Dichloroethane	ND		0.063	mg/Kg-dry	50	03/04/12 09:50 PM
1,2-Dichloropropane	ND		0.22	mg/Kg-dry	50	03/04/12 09:50 PM
1,3-Dichlorobenzene	ND		0.063	mg/Kg-dry	50	03/04/12 09:50 PM
1,4-Dichlorobenzene	ND		0.063	mg/Kg-dry	50	03/04/12 09:50 PM
2-Butanone	ND		0.47	mg/Kg-dry	50	03/04/12 09:50 PM
2-Hexanone	ND		0.32	mg/Kg-dry	50	03/04/12 09:50 PM
4-Methyl-2-pentanone	ND		0.32	mg/Kg-dry	50	03/04/12 09:50 PM
Acetone	ND		0.32	mg/Kg-dry	50	03/04/12 09:50 PM
Benzene	ND		0.063	mg/Kg-dry	50	03/04/12 09:50 PM
Bromodichloromethane	ND		0.095	mg/Kg-dry	50	03/04/12 09:50 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B04-S01-022312

Lab ID: 1202723-26

Collection Date: 02/23/12 10:10 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.063	mg/Kg-dry	50	03/04/12 09:50 PM
Bromomethane	ND		0.095	mg/Kg-dry	50	03/04/12 09:50 PM
Carbon disulfide	ND		0.095	mg/Kg-dry	50	03/04/12 09:50 PM
Carbon tetrachloride	ND		0.063	mg/Kg-dry	50	03/04/12 09:50 PM
Chlorobenzene	ND		0.095	mg/Kg-dry	50	03/04/12 09:50 PM
Chloroethane	ND		0.19	mg/Kg-dry	50	03/04/12 09:50 PM
Chloroform	ND		0.063	mg/Kg-dry	50	03/04/12 09:50 PM
Chloromethane	ND		0.19	mg/Kg-dry	50	03/04/12 09:50 PM
cis-1,2-Dichloroethene	ND		0.13	mg/Kg-dry	50	03/04/12 09:50 PM
cis-1,3-Dichloropropene	ND		0.063	mg/Kg-dry	50	03/04/12 09:50 PM
Cyclohexane	ND		0.063	mg/Kg-dry	50	03/04/12 09:50 PM
Dibromochloromethane	ND		0.13	mg/Kg-dry	50	03/04/12 09:50 PM
Dichlorodifluoromethane	ND		0.063	mg/Kg-dry	50	03/04/12 09:50 PM
Ethylbenzene	17		2.5	mg/Kg-dry	1000	03/06/12 10:56 AM
Isopropylbenzene	0.93		0.063	mg/Kg-dry	50	03/04/12 09:50 PM
Methyl acetate	ND		0.063	mg/Kg-dry	50	03/04/12 09:50 PM
Methyl tert-butyl ether	ND		0.095	mg/Kg-dry	50	03/04/12 09:50 PM
Methylcyclohexane	ND		1.3	mg/Kg-dry	50	03/04/12 09:50 PM
Methylene chloride	ND		0.13	mg/Kg-dry	50	03/04/12 09:50 PM
Styrene	ND		0.095	mg/Kg-dry	50	03/04/12 09:50 PM
Tetrachloroethene	ND		0.063	mg/Kg-dry	50	03/04/12 09:50 PM
Toluene	ND		0.095	mg/Kg-dry	50	03/04/12 09:50 PM
trans-1,2-Dichloroethene	ND		0.063	mg/Kg-dry	50	03/04/12 09:50 PM
trans-1,3-Dichloropropene	ND		0.095	mg/Kg-dry	50	03/04/12 09:50 PM
Trichloroethene	ND		0.063	mg/Kg-dry	50	03/04/12 09:50 PM
Trichlorofluoromethane	ND		0.063	mg/Kg-dry	50	03/04/12 09:50 PM
Vinyl chloride	ND		0.13	mg/Kg-dry	50	03/04/12 09:50 PM
Xylenes, Total	48		3.8	mg/Kg-dry	1000	03/06/12 10:56 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	108		70-120	%REC	1000	03/06/12 10:56 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	102		70-120	%REC	50	03/04/12 09:50 PM
<i>Surr: 4-Bromofluorobenzene</i>	101		75-120	%REC	1000	03/06/12 10:56 AM
<i>Surr: 4-Bromofluorobenzene</i>	110		75-120	%REC	50	03/04/12 09:50 PM
<i>Surr: Dibromofluoromethane</i>	94.4		85-115	%REC	1000	03/06/12 10:56 AM
<i>Surr: Dibromofluoromethane</i>	92.9		85-115	%REC	50	03/04/12 09:50 PM
<i>Surr: Toluene-d8</i>	102		85-115	%REC	50	03/04/12 09:50 PM
<i>Surr: Toluene-d8</i>	104		85-115	%REC	1000	03/06/12 10:56 AM

CHROMIUM, HEXAVALENT

Chromium, Hexavalent

ND

SW7196A

0.62 mg/Kg-dry

Prep Date: **02/28/12**

1

Analyst: **MB**

03/02/12 03:30 PM

MOISTURE

A2540 G

Analyst: **CG**

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B04-S01-022312

Lab ID: 1202723-26

Collection Date: 02/23/12 10:10 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Moisture	21		0.050	% of sample	1	02/27/12 03:55 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B04-S02-022312

Lab ID: 1202723-27

Collection Date: 02/23/12 10:15 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 03/02/12	Analyst: JD
2,4,5-T	ND		0.0063	mg/Kg-dry	1	03/05/12 07:09 AM
2,4,5-TP (Silvex)	ND		0.013	mg/Kg-dry	1	03/05/12 07:09 AM
2,4-D	ND		0.0063	mg/Kg-dry	1	03/05/12 07:09 AM
Surr: DCAA	86.2		30-150	%REC	1	03/05/12 07:09 AM
PCBS			SW8082		Prep Date: 03/02/12	Analyst: JD
Aroclor 1016	ND		0.049	mg/Kg-dry	1	03/05/12 01:46 AM
Aroclor 1221	ND		0.049	mg/Kg-dry	1	03/05/12 01:46 AM
Aroclor 1232	ND		0.049	mg/Kg-dry	1	03/05/12 01:46 AM
Aroclor 1242	ND		0.049	mg/Kg-dry	1	03/05/12 01:46 AM
Aroclor 1248	ND		0.049	mg/Kg-dry	1	03/05/12 01:46 AM
Aroclor 1254	ND		0.049	mg/Kg-dry	1	03/05/12 01:46 AM
Aroclor 1260	ND		0.049	mg/Kg-dry	1	03/05/12 01:46 AM
Surr: Decachlorobiphenyl	85.1		40-140	%REC	1	03/05/12 01:46 AM
PESTICIDES			SW8081		Prep Date: 03/02/12	Analyst: RM
4,4'-DDD	ND		0.024	mg/Kg-dry	2	03/04/12 10:27 PM
4,4'-DDE	ND		0.024	mg/Kg-dry	2	03/04/12 10:27 PM
4,4'-DDT	ND		0.024	mg/Kg-dry	2	03/04/12 10:27 PM
Aldrin	ND		0.024	mg/Kg-dry	2	03/04/12 10:27 PM
alpha-BHC	ND		0.024	mg/Kg-dry	2	03/04/12 10:27 PM
alpha-Chlordane	ND		0.024	mg/Kg-dry	2	03/04/12 10:27 PM
beta-BHC	ND		0.024	mg/Kg-dry	2	03/04/12 10:27 PM
Chlordane, Technical	ND		0.061	mg/Kg-dry	2	03/04/12 10:27 PM
delta-BHC	ND		0.024	mg/Kg-dry	2	03/04/12 10:27 PM
Dieldrin	ND		0.024	mg/Kg-dry	2	03/04/12 10:27 PM
Endosulfan I	ND		0.024	mg/Kg-dry	2	03/04/12 10:27 PM
Endosulfan II	ND		0.024	mg/Kg-dry	2	03/04/12 10:27 PM
Endosulfan sulfate	ND		0.024	mg/Kg-dry	2	03/04/12 10:27 PM
Endrin	ND		0.024	mg/Kg-dry	2	03/04/12 10:27 PM
Endrin aldehyde	ND		0.024	mg/Kg-dry	2	03/04/12 10:27 PM
Endrin ketone	ND		0.024	mg/Kg-dry	2	03/04/12 10:27 PM
gamma-BHC (Lindane)	ND		0.024	mg/Kg-dry	2	03/04/12 10:27 PM
gamma-Chlordane	ND		0.024	mg/Kg-dry	2	03/04/12 10:27 PM
Heptachlor	ND		0.024	mg/Kg-dry	2	03/04/12 10:27 PM
Heptachlor epoxide	ND		0.024	mg/Kg-dry	2	03/04/12 10:27 PM
Methoxychlor	ND		0.024	mg/Kg-dry	2	03/04/12 10:27 PM
Toxaphene	ND		0.15	mg/Kg-dry	2	03/04/12 10:27 PM
Surr: Decachlorobiphenyl	94.1		45-135	%REC	2	03/04/12 10:27 PM
Surr: Tetrachloro-m-xylene	86.1		45-124	%REC	2	03/04/12 10:27 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B04-S02-022312

Lab ID: 1202723-27

Collection Date: 02/23/12 10:15 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/28/12	Analyst: LR
Mercury	0.040		0.019	mg/Kg-dry	1	02/29/12 05:59 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/28/12	Analyst: CES
Aluminum	6,900		1.9	mg/Kg-dry	2	03/01/12 09:29 PM
Antimony	ND		0.93	mg/Kg-dry	2	03/01/12 09:29 PM
Arsenic	3.7		0.93	mg/Kg-dry	2	03/01/12 09:29 PM
Barium	52		0.93	mg/Kg-dry	2	03/01/12 09:29 PM
Beryllium	ND		3.7	mg/Kg-dry	20	03/02/12 02:47 PM
Boron	170		37	mg/Kg-dry	20	03/04/12 03:40 PM
Cadmium	0.41		0.37	mg/Kg-dry	2	03/01/12 09:29 PM
Calcium	2,500		93	mg/Kg-dry	2	03/01/12 09:29 PM
Chromium	11		0.93	mg/Kg-dry	2	03/01/12 09:29 PM
Cobalt	8.5		0.93	mg/Kg-dry	2	03/01/12 09:29 PM
Copper	27		0.93	mg/Kg-dry	2	03/01/12 09:29 PM
Iron	15,000		15	mg/Kg-dry	2	03/01/12 09:29 PM
Lead	21		0.93	mg/Kg-dry	2	03/01/12 09:29 PM
Magnesium	2,700		37	mg/Kg-dry	2	03/01/12 09:29 PM
Manganese	210		0.93	mg/Kg-dry	2	03/01/12 09:29 PM
Nickel	21		0.93	mg/Kg-dry	2	03/01/12 09:29 PM
Potassium	1,200		37	mg/Kg-dry	2	03/01/12 09:29 PM
Selenium	ND		0.93	mg/Kg-dry	2	03/01/12 09:29 PM
Silver	ND		0.93	mg/Kg-dry	2	03/01/12 09:29 PM
Sodium	620		37	mg/Kg-dry	2	03/01/12 09:29 PM
Thallium	ND		0.93	mg/Kg-dry	2	03/01/12 09:29 PM
Vanadium	13		0.93	mg/Kg-dry	2	03/01/12 09:29 PM
Zinc	64		1.9	mg/Kg-dry	2	03/01/12 09:29 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/28/12	Analyst: CW
1,1'-Biphenyl	ND		0.41	mg/Kg-dry	1	02/29/12 01:29 PM
2,4,5-Trichlorophenol	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
2,4,6-Trichlorophenol	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
2,4-Dichlorophenol	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
2,4-Dimethylphenol	ND		0.41	mg/Kg-dry	1	02/29/12 01:29 PM
2,4-Dinitrophenol	ND		0.82	mg/Kg-dry	1	02/29/12 01:29 PM
2,4-Dinitrotoluene	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
2,6-Dinitrotoluene	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
2-Chloronaphthalene	ND		0.099	mg/Kg-dry	1	02/29/12 01:29 PM
2-Chlorophenol	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
2-Methylnaphthalene	ND		0.099	mg/Kg-dry	1	02/29/12 01:29 PM
2-Methylphenol	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B04-S02-022312

Lab ID: 1202723-27

Collection Date: 02/23/12 10:15 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.82	mg/Kg-dry	1	02/29/12 01:29 PM
2-Nitrophenol	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
3,3'-Dichlorobenzidine	ND		0.82	mg/Kg-dry	1	02/29/12 01:29 PM
3-Nitroaniline	ND		0.82	mg/Kg-dry	1	02/29/12 01:29 PM
4,6-Dinitro-2-methylphenol	ND		0.41	mg/Kg-dry	1	02/29/12 01:29 PM
4-Bromophenyl phenyl ether	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
4-Chloro-3-methylphenol	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
4-Chloroaniline	ND		0.82	mg/Kg-dry	1	02/29/12 01:29 PM
4-Chlorophenyl phenyl ether	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
4-Methylphenol	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
4-Nitroaniline	ND		0.82	mg/Kg-dry	1	02/29/12 01:29 PM
4-Nitrophenol	ND		0.82	mg/Kg-dry	1	02/29/12 01:29 PM
Acenaphthene	ND		0.037	mg/Kg-dry	1	02/29/12 01:29 PM
Acenaphthylene	ND		0.037	mg/Kg-dry	1	02/29/12 01:29 PM
Acetophenone	ND		0.41	mg/Kg-dry	1	02/29/12 01:29 PM
Anthracene	ND		0.037	mg/Kg-dry	1	02/29/12 01:29 PM
Atrazine	ND		0.41	mg/Kg-dry	1	02/29/12 01:29 PM
Benzaldehyde	ND		0.41	mg/Kg-dry	1	02/29/12 01:29 PM
Benzo(a)anthracene	ND		0.037	mg/Kg-dry	1	02/29/12 01:29 PM
Benzo(a)pyrene	ND		0.037	mg/Kg-dry	1	02/29/12 01:29 PM
Benzo(b)fluoranthene	ND		0.037	mg/Kg-dry	1	02/29/12 01:29 PM
Benzo(g,h,i)perylene	ND		0.037	mg/Kg-dry	1	02/29/12 01:29 PM
Benzo(k)fluoranthene	ND		0.037	mg/Kg-dry	1	02/29/12 01:29 PM
Bis(2-chloroethoxy)methane	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
Bis(2-chloroethyl)ether	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
Bis(2-chloroisopropyl)ether	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
Bis(2-ethylhexyl)phthalate	ND		0.41	mg/Kg-dry	1	02/29/12 01:29 PM
Butyl benzyl phthalate	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
Caprolactam	ND		0.41	mg/Kg-dry	1	02/29/12 01:29 PM
Carbazole	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
Chrysene	ND		0.037	mg/Kg-dry	1	02/29/12 01:29 PM
Dibenzo(a,h)anthracene	ND		0.037	mg/Kg-dry	1	02/29/12 01:29 PM
Dibenzofuran	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
Diethyl phthalate	ND		0.41	mg/Kg-dry	1	02/29/12 01:29 PM
Dimethyl phthalate	ND		0.41	mg/Kg-dry	1	02/29/12 01:29 PM
Di-n-butyl phthalate	ND		0.41	mg/Kg-dry	1	02/29/12 01:29 PM
Di-n-octyl phthalate	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
Fluoranthene	ND		0.037	mg/Kg-dry	1	02/29/12 01:29 PM
Fluorene	ND		0.037	mg/Kg-dry	1	02/29/12 01:29 PM
Hexachlorobenzene	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B04-S02-022312

Lab ID: 1202723-27

Collection Date: 02/23/12 10:15 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
Hexachlorocyclopentadiene	ND		0.41	mg/Kg-dry	1	02/29/12 01:29 PM
Hexachloroethane	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
Indeno(1,2,3-cd)pyrene	ND		0.037	mg/Kg-dry	1	02/29/12 01:29 PM
Isophorone	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
Naphthalene	0.062		0.037	mg/Kg-dry	1	02/29/12 01:29 PM
Nitrobenzene	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
N-Nitrosodi-n-propylamine	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
N-Nitrosodiphenylamine	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
Pentachlorophenol	ND		0.41	mg/Kg-dry	1	02/29/12 01:29 PM
Phenanthrene	ND		0.037	mg/Kg-dry	1	02/29/12 01:29 PM
Phenol	ND		0.20	mg/Kg-dry	1	02/29/12 01:29 PM
Pyrene	ND		0.037	mg/Kg-dry	1	02/29/12 01:29 PM
Surr: 2,4,6-Tribromophenol	82.5		34-140	%REC	1	02/29/12 01:29 PM
Surr: 2-Fluorobiphenyl	73.3		12-100	%REC	1	02/29/12 01:29 PM
Surr: 2-Fluorophenol	80.3		33-117	%REC	1	02/29/12 01:29 PM
Surr: 4-Terphenyl-d14	97.3		25-137	%REC	1	02/29/12 01:29 PM
Surr: Nitrobenzene-d5	75.2		37-107	%REC	1	02/29/12 01:29 PM
Surr: Phenol-d6	78.6		40-106	%REC	1	02/29/12 01:29 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: RS

1,1,1-Trichloroethane	ND		0.063	mg/Kg-dry	50	03/04/12 10:14 PM
1,1,2,2-Tetrachloroethane	ND		0.13	mg/Kg-dry	50	03/04/12 10:14 PM
1,1,2-Trichloroethane	ND		0.13	mg/Kg-dry	50	03/04/12 10:14 PM
1,1,2-Trichlorotrifluoroethane	ND		0.063	mg/Kg-dry	50	03/04/12 10:14 PM
1,1-Dichloroethane	ND		0.063	mg/Kg-dry	50	03/04/12 10:14 PM
1,1-Dichloroethene	ND		0.063	mg/Kg-dry	50	03/04/12 10:14 PM
1,2,4-Trichlorobenzene	ND		0.063	mg/Kg-dry	50	03/04/12 10:14 PM
1,2-Dibromo-3-chloropropane	ND		0.13	mg/Kg-dry	50	03/04/12 10:14 PM
1,2-Dibromoethane	ND		0.095	mg/Kg-dry	50	03/04/12 10:14 PM
1,2-Dichlorobenzene	ND		0.063	mg/Kg-dry	50	03/04/12 10:14 PM
1,2-Dichloroethane	ND		0.063	mg/Kg-dry	50	03/04/12 10:14 PM
1,2-Dichloropropane	ND		0.22	mg/Kg-dry	50	03/04/12 10:14 PM
1,3-Dichlorobenzene	ND		0.063	mg/Kg-dry	50	03/04/12 10:14 PM
1,4-Dichlorobenzene	ND		0.063	mg/Kg-dry	50	03/04/12 10:14 PM
2-Butanone	ND		0.47	mg/Kg-dry	50	03/04/12 10:14 PM
2-Hexanone	ND		0.32	mg/Kg-dry	50	03/04/12 10:14 PM
4-Methyl-2-pentanone	ND		0.32	mg/Kg-dry	50	03/04/12 10:14 PM
Acetone	ND		0.28	mg/Kg-dry	50	03/04/12 10:14 PM
Benzene	ND		0.063	mg/Kg-dry	50	03/04/12 10:14 PM
Bromodichloromethane	ND		0.095	mg/Kg-dry	50	03/04/12 10:14 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B04-S02-022312

Lab ID: 1202723-27

Collection Date: 02/23/12 10:15 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.063	mg/Kg-dry	50	03/04/12 10:14 PM
Bromomethane	ND		0.095	mg/Kg-dry	50	03/04/12 10:14 PM
Carbon disulfide	ND		0.095	mg/Kg-dry	50	03/04/12 10:14 PM
Carbon tetrachloride	ND		0.063	mg/Kg-dry	50	03/04/12 10:14 PM
Chlorobenzene	ND		0.095	mg/Kg-dry	50	03/04/12 10:14 PM
Chloroethane	ND		0.19	mg/Kg-dry	50	03/04/12 10:14 PM
Chloroform	ND		0.063	mg/Kg-dry	50	03/04/12 10:14 PM
Chloromethane	ND		0.19	mg/Kg-dry	50	03/04/12 10:14 PM
cis-1,2-Dichloroethene	ND		0.13	mg/Kg-dry	50	03/04/12 10:14 PM
cis-1,3-Dichloropropene	ND		0.063	mg/Kg-dry	50	03/04/12 10:14 PM
Cyclohexane	ND		0.063	mg/Kg-dry	50	03/04/12 10:14 PM
Dibromochloromethane	ND		0.13	mg/Kg-dry	50	03/04/12 10:14 PM
Dichlorodifluoromethane	ND		0.063	mg/Kg-dry	50	03/04/12 10:14 PM
Ethylbenzene	ND		0.13	mg/Kg-dry	50	03/04/12 10:14 PM
Isopropylbenzene	ND		0.063	mg/Kg-dry	50	03/04/12 10:14 PM
Methyl acetate	ND		0.063	mg/Kg-dry	50	03/04/12 10:14 PM
Methyl tert-butyl ether	ND		0.095	mg/Kg-dry	50	03/04/12 10:14 PM
Methylcyclohexane	ND		1.3	mg/Kg-dry	50	03/04/12 10:14 PM
Methylene chloride	ND		0.13	mg/Kg-dry	50	03/04/12 10:14 PM
Styrene	ND		0.095	mg/Kg-dry	50	03/04/12 10:14 PM
Tetrachloroethene	ND		0.063	mg/Kg-dry	50	03/04/12 10:14 PM
Toluene	ND		0.095	mg/Kg-dry	50	03/04/12 10:14 PM
trans-1,2-Dichloroethene	ND		0.063	mg/Kg-dry	50	03/04/12 10:14 PM
trans-1,3-Dichloropropene	ND		0.095	mg/Kg-dry	50	03/04/12 10:14 PM
Trichloroethene	ND		0.063	mg/Kg-dry	50	03/04/12 10:14 PM
Trichlorofluoromethane	ND		0.063	mg/Kg-dry	50	03/04/12 10:14 PM
Vinyl chloride	ND		0.13	mg/Kg-dry	50	03/04/12 10:14 PM
Xylenes, Total	0.20		0.19	mg/Kg-dry	50	03/04/12 10:14 PM
Surr: 1,2-Dichloroethane-d4	99.1		70-120	%REC	50	03/04/12 10:14 PM
Surr: 4-Bromofluorobenzene	101		75-120	%REC	50	03/04/12 10:14 PM
Surr: Dibromofluoromethane	92.1		85-115	%REC	50	03/04/12 10:14 PM
Surr: Toluene-d8	102		85-115	%REC	50	03/04/12 10:14 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/28/12	Analyst: MB
Chromium, Hexavalent	ND		0.62	mg/Kg-dry	1	03/02/12 03:30 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	21		0.050	% of sample	1	02/27/12 03:55 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B07-S01-022312

Lab ID: 1202723-28

Collection Date: 02/23/12 04:35 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 03/02/12	Analyst: JD
2,4,5-T	ND		0.0057	mg/Kg-dry	1	03/05/12 07:19 AM
2,4,5-TP (Silvex)	ND		0.011	mg/Kg-dry	1	03/05/12 07:19 AM
2,4-D	ND		0.0057	mg/Kg-dry	1	03/05/12 07:19 AM
Surr: DCAA	79.2		30-150	%REC	1	03/05/12 07:19 AM
PCBS			SW8082		Prep Date: 03/02/12	Analyst: JD
Aroclor 1016	ND		0.046	mg/Kg-dry	1	03/05/12 02:06 AM
Aroclor 1221	ND		0.046	mg/Kg-dry	1	03/05/12 02:06 AM
Aroclor 1232	ND		0.046	mg/Kg-dry	1	03/05/12 02:06 AM
Aroclor 1242	ND		0.046	mg/Kg-dry	1	03/05/12 02:06 AM
Aroclor 1248	ND		0.046	mg/Kg-dry	1	03/05/12 02:06 AM
Aroclor 1254	0.79		0.046	mg/Kg-dry	1	03/05/12 02:06 AM
Aroclor 1260	ND		0.046	mg/Kg-dry	1	03/05/12 02:06 AM
Surr: Decachlorobiphenyl	77.1		40-140	%REC	1	03/05/12 02:06 AM
PESTICIDES			SW8081		Prep Date: 03/02/12	Analyst: RM
4,4'-DDD	ND		0.23	mg/Kg-dry	20	03/04/12 10:42 PM
4,4'-DDE	ND		0.23	mg/Kg-dry	20	03/04/12 10:42 PM
4,4'-DDT	ND		0.23	mg/Kg-dry	20	03/04/12 10:42 PM
Aldrin	ND		0.23	mg/Kg-dry	20	03/04/12 10:42 PM
alpha-BHC	ND		0.23	mg/Kg-dry	20	03/04/12 10:42 PM
alpha-Chlordane	ND		0.23	mg/Kg-dry	20	03/04/12 10:42 PM
beta-BHC	ND		0.23	mg/Kg-dry	20	03/04/12 10:42 PM
Chlordane, Technical	ND		0.58	mg/Kg-dry	20	03/04/12 10:42 PM
delta-BHC	ND		0.23	mg/Kg-dry	20	03/04/12 10:42 PM
Dieldrin	ND		0.23	mg/Kg-dry	20	03/04/12 10:42 PM
Endosulfan I	ND		0.23	mg/Kg-dry	20	03/04/12 10:42 PM
Endosulfan II	ND		0.23	mg/Kg-dry	20	03/04/12 10:42 PM
Endosulfan sulfate	ND		0.23	mg/Kg-dry	20	03/04/12 10:42 PM
Endrin	ND		0.23	mg/Kg-dry	20	03/04/12 10:42 PM
Endrin aldehyde	ND		0.23	mg/Kg-dry	20	03/04/12 10:42 PM
Endrin ketone	ND		0.23	mg/Kg-dry	20	03/04/12 10:42 PM
gamma-BHC (Lindane)	ND		0.23	mg/Kg-dry	20	03/04/12 10:42 PM
gamma-Chlordane	ND		0.23	mg/Kg-dry	20	03/04/12 10:42 PM
Heptachlor	ND		0.23	mg/Kg-dry	20	03/04/12 10:42 PM
Heptachlor epoxide	ND		0.23	mg/Kg-dry	20	03/04/12 10:42 PM
Methoxychlor	ND		0.23	mg/Kg-dry	20	03/04/12 10:42 PM
Toxaphene	ND		1.4	mg/Kg-dry	20	03/04/12 10:42 PM
Surr: Decachlorobiphenyl	100		45-135	%REC	20	03/04/12 10:42 PM
Surr: Tetrachloro-m-xylene	80.1		45-124	%REC	20	03/04/12 10:42 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B07-S01-022312

Lab ID: 1202723-28

Collection Date: 02/23/12 04:35 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 02/28/12	Analyst: LR
Mercury	0.11		0.018	mg/Kg-dry	1	02/29/12 06:02 PM
METALS BY ICP-MS			SW6020A		Prep Date: 02/28/12	Analyst: CES
Aluminum	11,000		16	mg/Kg-dry	20	03/02/12 06:51 PM
Antimony	5.2		0.81	mg/Kg-dry	2	03/02/12 03:32 PM
Arsenic	11		0.81	mg/Kg-dry	2	03/02/12 03:32 PM
Barium	1,400		8.1	mg/Kg-dry	20	03/02/12 03:26 PM
Beryllium	ND		3.2	mg/Kg-dry	20	03/02/12 03:26 PM
Boron	910		32	mg/Kg-dry	20	03/04/12 03:46 PM
Cadmium	1.4		0.32	mg/Kg-dry	2	03/02/12 03:32 PM
Calcium	26,000		81	mg/Kg-dry	2	03/02/12 03:32 PM
Chromium	20		0.81	mg/Kg-dry	2	03/02/12 03:32 PM
Cobalt	120		0.81	mg/Kg-dry	2	03/02/12 03:32 PM
Copper	63		0.81	mg/Kg-dry	2	03/02/12 03:32 PM
Iron	27,000		13	mg/Kg-dry	2	03/02/12 03:32 PM
Lead	150		0.81	mg/Kg-dry	2	03/02/12 03:32 PM
Magnesium	8,200		320	mg/Kg-dry	20	03/02/12 06:51 PM
Manganese	1,300		8.1	mg/Kg-dry	20	03/02/12 03:26 PM
Nickel	110		0.81	mg/Kg-dry	2	03/02/12 03:32 PM
Potassium	1,900		32	mg/Kg-dry	2	03/02/12 03:32 PM
Selenium	1.6		0.81	mg/Kg-dry	2	03/02/12 03:32 PM
Silver	ND		0.81	mg/Kg-dry	2	03/02/12 03:32 PM
Sodium	2,700		32	mg/Kg-dry	2	03/02/12 03:32 PM
Thallium	ND		0.81	mg/Kg-dry	2	03/02/12 03:32 PM
Vanadium	22		0.81	mg/Kg-dry	2	03/02/12 03:32 PM
Zinc	280		1.6	mg/Kg-dry	2	03/02/12 03:32 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/28/12	Analyst: HL
1,1'-Biphenyl	ND		0.38	mg/Kg-dry	1	03/05/12 11:08 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
2,4-Dimethylphenol	ND		0.38	mg/Kg-dry	1	03/05/12 11:08 PM
2,4-Dinitrophenol	ND		0.76	mg/Kg-dry	1	03/05/12 11:08 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
2-Chloronaphthalene	ND		0.092	mg/Kg-dry	1	03/05/12 11:08 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
2-Methylnaphthalene	ND		0.092	mg/Kg-dry	1	03/05/12 11:08 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B07-S01-022312

Lab ID: 1202723-28

Collection Date: 02/23/12 04:35 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.76	mg/Kg-dry	1	03/05/12 11:08 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
3,3'-Dichlorobenzidine	ND		0.76	mg/Kg-dry	1	03/05/12 11:08 PM
3-Nitroaniline	ND		0.76	mg/Kg-dry	1	03/05/12 11:08 PM
4,6-Dinitro-2-methylphenol	ND		0.38	mg/Kg-dry	1	03/05/12 11:08 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
4-Chloroaniline	ND		0.76	mg/Kg-dry	1	03/05/12 11:08 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
4-Nitroaniline	ND		0.76	mg/Kg-dry	1	03/05/12 11:08 PM
4-Nitrophenol	ND		0.76	mg/Kg-dry	1	03/05/12 11:08 PM
Acenaphthene	ND		0.034	mg/Kg-dry	1	03/05/12 11:08 PM
Acenaphthylene	ND		0.034	mg/Kg-dry	1	03/05/12 11:08 PM
Acetophenone	ND		0.38	mg/Kg-dry	1	03/05/12 11:08 PM
Anthracene	ND		0.034	mg/Kg-dry	1	03/05/12 11:08 PM
Atrazine	ND		0.38	mg/Kg-dry	1	03/05/12 11:08 PM
Benzaldehyde	ND		0.38	mg/Kg-dry	1	03/05/12 11:08 PM
Benzo(a)anthracene	0.055		0.034	mg/Kg-dry	1	03/05/12 11:08 PM
Benzo(a)pyrene	0.10		0.034	mg/Kg-dry	1	03/05/12 11:08 PM
Benzo(b)fluoranthene	0.19		0.034	mg/Kg-dry	1	03/05/12 11:08 PM
Benzo(g,h,i)perylene	0.037		0.034	mg/Kg-dry	1	03/05/12 11:08 PM
Benzo(k)fluoranthene	0.066		0.034	mg/Kg-dry	1	03/05/12 11:08 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
Bis(2-ethylhexyl)phthalate	ND		0.38	mg/Kg-dry	1	03/05/12 11:08 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
Caprolactam	ND		0.38	mg/Kg-dry	1	03/05/12 11:08 PM
Carbazole	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
Chrysene	0.12		0.034	mg/Kg-dry	1	03/05/12 11:08 PM
Dibenzo(a,h)anthracene	ND		0.034	mg/Kg-dry	1	03/05/12 11:08 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
Diethyl phthalate	ND		0.38	mg/Kg-dry	1	03/05/12 11:08 PM
Dimethyl phthalate	ND		0.38	mg/Kg-dry	1	03/05/12 11:08 PM
Di-n-butyl phthalate	ND		0.38	mg/Kg-dry	1	03/05/12 11:08 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
Fluoranthene	0.19		0.034	mg/Kg-dry	1	03/05/12 11:08 PM
Fluorene	ND		0.034	mg/Kg-dry	1	03/05/12 11:08 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B07-S01-022312

Lab ID: 1202723-28

Collection Date: 02/23/12 04:35 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
Hexachlorocyclopentadiene	ND		0.38	mg/Kg-dry	1	03/05/12 11:08 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
Indeno(1,2,3-cd)pyrene	ND		0.034	mg/Kg-dry	1	03/05/12 11:08 PM
Isophorone	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
Naphthalene	ND		0.034	mg/Kg-dry	1	03/05/12 11:08 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
Pentachlorophenol	ND		0.38	mg/Kg-dry	1	03/05/12 11:08 PM
Phenanthrene	0.11		0.034	mg/Kg-dry	1	03/05/12 11:08 PM
Phenol	ND		0.18	mg/Kg-dry	1	03/05/12 11:08 PM
Pyrene	0.19		0.034	mg/Kg-dry	1	03/05/12 11:08 PM
Surr: 2,4,6-Tribromophenol	81.0		34-140	%REC	1	03/05/12 11:08 PM
Surr: 2-Fluorobiphenyl	73.9		12-100	%REC	1	03/05/12 11:08 PM
Surr: 2-Fluorophenol	81.0		33-117	%REC	1	03/05/12 11:08 PM
Surr: 4-Terphenyl-d14	83.1		25-137	%REC	1	03/05/12 11:08 PM
Surr: Nitrobenzene-d5	68.4		37-107	%REC	1	03/05/12 11:08 PM
Surr: Phenol-d6	77.2		40-106	%REC	1	03/05/12 11:08 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: RS

1,1,1-Trichloroethane	ND		0.058	mg/Kg-dry	50	03/04/12 10:38 PM
1,1,2,2-Tetrachloroethane	ND		0.12	mg/Kg-dry	50	03/04/12 10:38 PM
1,1,2-Trichloroethane	ND		0.12	mg/Kg-dry	50	03/04/12 10:38 PM
1,1,2-Trichlorotrifluoroethane	ND		0.058	mg/Kg-dry	50	03/04/12 10:38 PM
1,1-Dichloroethane	ND		0.058	mg/Kg-dry	50	03/04/12 10:38 PM
1,1-Dichloroethene	ND		0.058	mg/Kg-dry	50	03/04/12 10:38 PM
1,2,4-Trichlorobenzene	ND		0.058	mg/Kg-dry	50	03/04/12 10:38 PM
1,2-Dibromo-3-chloropropane	ND		0.12	mg/Kg-dry	50	03/04/12 10:38 PM
1,2-Dibromoethane	ND		0.087	mg/Kg-dry	50	03/04/12 10:38 PM
1,2-Dichlorobenzene	ND		0.058	mg/Kg-dry	50	03/04/12 10:38 PM
1,2-Dichloroethane	ND		0.058	mg/Kg-dry	50	03/04/12 10:38 PM
1,2-Dichloropropane	ND		0.20	mg/Kg-dry	50	03/04/12 10:38 PM
1,3-Dichlorobenzene	ND		0.058	mg/Kg-dry	50	03/04/12 10:38 PM
1,4-Dichlorobenzene	ND		0.058	mg/Kg-dry	50	03/04/12 10:38 PM
2-Butanone	ND		0.44	mg/Kg-dry	50	03/04/12 10:38 PM
2-Hexanone	ND		0.29	mg/Kg-dry	50	03/04/12 10:38 PM
4-Methyl-2-pentanone	ND		0.29	mg/Kg-dry	50	03/04/12 10:38 PM
Acetone	ND		0.29	mg/Kg-dry	50	03/04/12 10:38 PM
Benzene	ND		0.058	mg/Kg-dry	50	03/04/12 10:38 PM
Bromodichloromethane	ND		0.087	mg/Kg-dry	50	03/04/12 10:38 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B07-S01-022312

Lab ID: 1202723-28

Collection Date: 02/23/12 04:35 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.058	mg/Kg-dry	50	03/04/12 10:38 PM
Bromomethane	ND		0.087	mg/Kg-dry	50	03/04/12 10:38 PM
Carbon disulfide	ND		0.087	mg/Kg-dry	50	03/04/12 10:38 PM
Carbon tetrachloride	ND		0.058	mg/Kg-dry	50	03/04/12 10:38 PM
Chlorobenzene	ND		0.087	mg/Kg-dry	50	03/04/12 10:38 PM
Chloroethane	ND		0.17	mg/Kg-dry	50	03/04/12 10:38 PM
Chloroform	ND		0.058	mg/Kg-dry	50	03/04/12 10:38 PM
Chloromethane	ND		0.17	mg/Kg-dry	50	03/04/12 10:38 PM
cis-1,2-Dichloroethene	ND		0.12	mg/Kg-dry	50	03/04/12 10:38 PM
cis-1,3-Dichloropropene	ND		0.058	mg/Kg-dry	50	03/04/12 10:38 PM
Cyclohexane	ND		0.058	mg/Kg-dry	50	03/04/12 10:38 PM
Dibromochloromethane	ND		0.12	mg/Kg-dry	50	03/04/12 10:38 PM
Dichlorodifluoromethane	ND		0.058	mg/Kg-dry	50	03/04/12 10:38 PM
Ethylbenzene	ND		0.12	mg/Kg-dry	50	03/04/12 10:38 PM
Isopropylbenzene	ND		0.058	mg/Kg-dry	50	03/04/12 10:38 PM
Methyl acetate	ND		0.058	mg/Kg-dry	50	03/04/12 10:38 PM
Methyl tert-butyl ether	ND		0.087	mg/Kg-dry	50	03/04/12 10:38 PM
Methylcyclohexane	ND		1.2	mg/Kg-dry	50	03/04/12 10:38 PM
Methylene chloride	ND		0.12	mg/Kg-dry	50	03/04/12 10:38 PM
Styrene	ND		0.087	mg/Kg-dry	50	03/04/12 10:38 PM
Tetrachloroethene	ND		0.058	mg/Kg-dry	50	03/04/12 10:38 PM
Toluene	ND		0.087	mg/Kg-dry	50	03/04/12 10:38 PM
trans-1,2-Dichloroethene	ND		0.058	mg/Kg-dry	50	03/04/12 10:38 PM
trans-1,3-Dichloropropene	ND		0.087	mg/Kg-dry	50	03/04/12 10:38 PM
Trichloroethene	ND		0.058	mg/Kg-dry	50	03/04/12 10:38 PM
Trichlorofluoromethane	ND		0.058	mg/Kg-dry	50	03/04/12 10:38 PM
Vinyl chloride	ND		0.12	mg/Kg-dry	50	03/04/12 10:38 PM
Xylenes, Total	ND		0.17	mg/Kg-dry	50	03/04/12 10:38 PM
Surr: 1,2-Dichloroethane-d4	102		70-120	%REC	50	03/04/12 10:38 PM
Surr: 4-Bromofluorobenzene	103		75-120	%REC	50	03/04/12 10:38 PM
Surr: Dibromofluoromethane	92.2		85-115	%REC	50	03/04/12 10:38 PM
Surr: Toluene-d8	101		85-115	%REC	50	03/04/12 10:38 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 02/28/12	Analyst: MB
Chromium, Hexavalent	ND		0.58	mg/Kg-dry	1	03/02/12 03:30 PM
MOISTURE			A2540 G			Analyst: CG
Moisture	14		0.050	% of sample	1	02/27/12 03:55 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B01-S01-022312

Lab ID: 1202723-29

Collection Date: 02/23/12 03:20 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 03/01/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	03/05/12 03:46 AM
2,4-D	ND		0.0050	mg/L	1	03/05/12 03:46 AM
Surr: DCAA	90.2		30-150	%REC	1	03/05/12 03:46 AM
TCLP PESTICIDES			SW8081		Prep Date: 03/01/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 09:44 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 09:44 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 09:44 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 09:44 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 09:44 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 09:44 AM
Surr: Decachlorobiphenyl	75.0		30-135	%REC	1	03/02/12 09:44 AM
Surr: Tetrachloro-m-xylene	58.0		25-140	%REC	1	03/02/12 09:44 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/28/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/29/12 01:45 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 03/01/12	Analyst: RH
Arsenic	0.024		0.010	mg/L	1	03/04/12 06:05 PM
Barium	72		0.50	mg/L	10	03/05/12 06:39 PM
Cadmium	0.25		0.0020	mg/L	1	03/03/12 03:14 AM
Chromium	0.049		0.020	mg/L	1	03/04/12 06:05 PM
Lead	0.48		0.010	mg/L	1	03/03/12 03:14 AM
Selenium	ND		0.020	mg/L	1	03/03/12 03:14 AM
Silver	ND		0.0050	mg/L	1	03/03/12 03:14 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/28/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	03/01/12 03:48 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 03:48 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 03:48 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	03/01/12 03:48 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	03/01/12 03:48 PM
Hexachlorobenzene	ND		0.10	mg/L	1	03/01/12 03:48 PM
Hexachloroethane	ND		0.10	mg/L	1	03/01/12 03:48 PM
m-Cresol	ND		0.10	mg/L	1	03/01/12 03:48 PM
Nitrobenzene	ND		0.10	mg/L	1	03/01/12 03:48 PM
o-Cresol	ND		0.10	mg/L	1	03/01/12 03:48 PM
p-Cresol	ND		0.10	mg/L	1	03/01/12 03:48 PM
Pentachlorophenol	ND		0.40	mg/L	1	03/01/12 03:48 PM
Pyridine	ND		0.40	mg/L	1	03/01/12 03:48 PM
Surr: 2,4,6-Tribromophenol	67.8		21-125	%REC	1	03/01/12 03:48 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B01-S01-022312

Lab ID: 1202723-29

Collection Date: 02/23/12 03:20 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	66.2		39-94	%REC	1	03/01/12 03:48 PM
<i>Surr: 2-Fluorophenol</i>	51.0		10-75	%REC	1	03/01/12 03:48 PM
<i>Surr: 4-Terphenyl-d14</i>	74.3		26-119	%REC	1	03/01/12 03:48 PM
<i>Surr: Nitrobenzene-d5</i>	66.2		41-104	%REC	1	03/01/12 03:48 PM
<i>Surr: Phenol-d6</i>	29.4		11-50	%REC	1	03/01/12 03:48 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/27/12	Analyst: BG
1,1-Dichloroethene	ND		0.020	mg/L	20	03/03/12 06:28 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/03/12 06:28 AM
2-Butanone	ND		0.20	mg/L	20	03/03/12 06:28 AM
Benzene	ND		0.020	mg/L	20	03/03/12 06:28 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/03/12 06:28 AM
Chlorobenzene	ND		0.020	mg/L	20	03/03/12 06:28 AM
Chloroform	ND		0.020	mg/L	20	03/03/12 06:28 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/03/12 06:28 AM
Trichloroethene	ND		0.020	mg/L	20	03/03/12 06:28 AM
Vinyl chloride	ND		0.020	mg/L	20	03/03/12 06:28 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	100		70-130	%REC	20	03/03/12 06:28 AM
<i>Surr: 4-Bromofluorobenzene</i>	95.5		70-130	%REC	20	03/03/12 06:28 AM
<i>Surr: Dibromofluoromethane</i>	99.7		70-130	%REC	20	03/03/12 06:28 AM
<i>Surr: Toluene-d8</i>	101		70-130	%REC	20	03/03/12 06:28 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B01-S01-022312-DP

Lab ID: 1202723-30

Collection Date: 02/23/12 03:20 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 03/01/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	03/05/12 03:55 AM
2,4-D	ND		0.0050	mg/L	1	03/05/12 03:55 AM
Surr: DCAA	101		30-150	%REC	1	03/05/12 03:55 AM
TCLP PESTICIDES			SW8081		Prep Date: 03/01/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 09:59 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 09:59 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 09:59 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 09:59 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 09:59 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 09:59 AM
Surr: Decachlorobiphenyl	83.0		30-135	%REC	1	03/02/12 09:59 AM
Surr: Tetrachloro-m-xylene	60.0		25-140	%REC	1	03/02/12 09:59 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/28/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/29/12 01:48 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 03/01/12	Analyst: RH
Arsenic	0.017		0.010	mg/L	1	03/04/12 06:10 PM
Barium	23		0.50	mg/L	10	03/05/12 06:49 PM
Cadmium	0.24		0.0020	mg/L	1	03/03/12 03:19 AM
Chromium	0.036		0.020	mg/L	1	03/04/12 06:10 PM
Lead	0.73		0.010	mg/L	1	03/03/12 03:19 AM
Selenium	ND		0.020	mg/L	1	03/03/12 03:19 AM
Silver	ND		0.0050	mg/L	1	03/03/12 03:19 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/28/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	03/01/12 04:14 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 04:14 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 04:14 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	03/01/12 04:14 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	03/01/12 04:14 PM
Hexachlorobenzene	ND		0.10	mg/L	1	03/01/12 04:14 PM
Hexachloroethane	ND		0.10	mg/L	1	03/01/12 04:14 PM
m-Cresol	ND		0.10	mg/L	1	03/01/12 04:14 PM
Nitrobenzene	ND		0.10	mg/L	1	03/01/12 04:14 PM
o-Cresol	ND		0.10	mg/L	1	03/01/12 04:14 PM
p-Cresol	ND		0.10	mg/L	1	03/01/12 04:14 PM
Pentachlorophenol	ND		0.40	mg/L	1	03/01/12 04:14 PM
Pyridine	ND		0.40	mg/L	1	03/01/12 04:14 PM
Surr: 2,4,6-Tribromophenol	67.6		21-125	%REC	1	03/01/12 04:14 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B01-S01-022312-DP

Lab ID: 1202723-30

Collection Date: 02/23/12 03:20 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	63.8		39-94	%REC	1	03/01/12 04:14 PM
<i>Surr: 2-Fluorophenol</i>	51.6		10-75	%REC	1	03/01/12 04:14 PM
<i>Surr: 4-Terphenyl-d14</i>	75.4		26-119	%REC	1	03/01/12 04:14 PM
<i>Surr: Nitrobenzene-d5</i>	64.9		41-104	%REC	1	03/01/12 04:14 PM
<i>Surr: Phenol-d6</i>	31.0		11-50	%REC	1	03/01/12 04:14 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/27/12	Analyst: BG
1,1-Dichloroethene	ND		0.020	mg/L	20	03/03/12 06:52 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/03/12 06:52 AM
2-Butanone	ND		0.20	mg/L	20	03/03/12 06:52 AM
Benzene	ND		0.020	mg/L	20	03/03/12 06:52 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/03/12 06:52 AM
Chlorobenzene	ND		0.020	mg/L	20	03/03/12 06:52 AM
Chloroform	ND		0.020	mg/L	20	03/03/12 06:52 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/03/12 06:52 AM
Trichloroethene	ND		0.020	mg/L	20	03/03/12 06:52 AM
Vinyl chloride	ND		0.020	mg/L	20	03/03/12 06:52 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	101		70-130	%REC	20	03/03/12 06:52 AM
<i>Surr: 4-Bromofluorobenzene</i>	97.0		70-130	%REC	20	03/03/12 06:52 AM
<i>Surr: Dibromofluoromethane</i>	99.5		70-130	%REC	20	03/03/12 06:52 AM
<i>Surr: Toluene-d8</i>	101		70-130	%REC	20	03/03/12 06:52 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B02-S01-022312

Lab ID: 1202723-31

Collection Date: 02/23/12 01:55 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 03/01/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	03/05/12 04:05 AM
2,4-D	ND		0.0050	mg/L	1	03/05/12 04:05 AM
Surr: DCAA	92.8		30-150	%REC	1	03/05/12 04:05 AM
TCLP PESTICIDES			SW8081		Prep Date: 03/01/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 10:13 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 10:13 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 10:13 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 10:13 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 10:13 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 10:13 AM
Surr: Decachlorobiphenyl	70.0		30-135	%REC	1	03/02/12 10:13 AM
Surr: Tetrachloro-m-xylene	54.0		25-140	%REC	1	03/02/12 10:13 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/28/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/29/12 01:50 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 03/01/12	Analyst: RH
Arsenic	0.024		0.010	mg/L	1	03/04/12 06:15 PM
Barium	3.9		0.050	mg/L	1	03/04/12 06:15 PM
Cadmium	0.014		0.0020	mg/L	1	03/03/12 03:24 AM
Chromium	ND		0.020	mg/L	1	03/04/12 06:15 PM
Lead	1.9		0.010	mg/L	1	03/03/12 03:24 AM
Selenium	ND		0.020	mg/L	1	03/03/12 03:24 AM
Silver	ND		0.0050	mg/L	1	03/03/12 03:24 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/28/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	03/01/12 04:41 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 04:41 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 04:41 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	03/01/12 04:41 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	03/01/12 04:41 PM
Hexachlorobenzene	ND		0.10	mg/L	1	03/01/12 04:41 PM
Hexachloroethane	ND		0.10	mg/L	1	03/01/12 04:41 PM
m-Cresol	ND		0.10	mg/L	1	03/01/12 04:41 PM
Nitrobenzene	ND		0.10	mg/L	1	03/01/12 04:41 PM
o-Cresol	ND		0.10	mg/L	1	03/01/12 04:41 PM
p-Cresol	ND		0.10	mg/L	1	03/01/12 04:41 PM
Pentachlorophenol	ND		0.40	mg/L	1	03/01/12 04:41 PM
Pyridine	ND		0.40	mg/L	1	03/01/12 04:41 PM
Surr: 2,4,6-Tribromophenol	72.9		21-125	%REC	1	03/01/12 04:41 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B02-S01-022312

Lab ID: 1202723-31

Collection Date: 02/23/12 01:55 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	71.7		39-94	%REC	1	03/01/12 04:41 PM
<i>Surr: 2-Fluorophenol</i>	55.9		10-75	%REC	1	03/01/12 04:41 PM
<i>Surr: 4-Terphenyl-d14</i>	78.0		26-119	%REC	1	03/01/12 04:41 PM
<i>Surr: Nitrobenzene-d5</i>	70.5		41-104	%REC	1	03/01/12 04:41 PM
<i>Surr: Phenol-d6</i>	33.8		11-50	%REC	1	03/01/12 04:41 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/27/12	Analyst: BG
1,1-Dichloroethene	ND		0.020	mg/L	20	03/03/12 07:16 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/03/12 07:16 AM
2-Butanone	ND		0.20	mg/L	20	03/03/12 07:16 AM
Benzene	ND		0.020	mg/L	20	03/03/12 07:16 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/03/12 07:16 AM
Chlorobenzene	ND		0.020	mg/L	20	03/03/12 07:16 AM
Chloroform	ND		0.020	mg/L	20	03/03/12 07:16 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/03/12 07:16 AM
Trichloroethene	ND		0.020	mg/L	20	03/03/12 07:16 AM
Vinyl chloride	ND		0.020	mg/L	20	03/03/12 07:16 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	102		70-130	%REC	20	03/03/12 07:16 AM
<i>Surr: 4-Bromofluorobenzene</i>	96.3		70-130	%REC	20	03/03/12 07:16 AM
<i>Surr: Dibromofluoromethane</i>	99.4		70-130	%REC	20	03/03/12 07:16 AM
<i>Surr: Toluene-d8</i>	102		70-130	%REC	20	03/03/12 07:16 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B02-S02-022312

Lab ID: 1202723-32

Collection Date: 02/23/12 01:45 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 03/01/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	03/05/12 04:14 AM
2,4-D	ND		0.0050	mg/L	1	03/05/12 04:14 AM
Surr: DCAA	98.2		30-150	%REC	1	03/05/12 04:14 AM
TCLP PESTICIDES			SW8081		Prep Date: 03/01/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 10:28 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 10:28 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 10:28 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 10:28 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 10:28 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 10:28 AM
Surr: Decachlorobiphenyl	77.0		30-135	%REC	1	03/02/12 10:28 AM
Surr: Tetrachloro-m-xylene	60.0		25-140	%REC	1	03/02/12 10:28 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/28/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/29/12 01:53 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 03/01/12	Analyst: RH
Arsenic	ND		0.010	mg/L	1	03/04/12 06:20 PM
Barium	0.38		0.050	mg/L	1	03/04/12 06:20 PM
Cadmium	0.0028		0.0020	mg/L	1	03/04/12 06:20 PM
Chromium	ND		0.020	mg/L	1	03/04/12 06:20 PM
Lead	0.026		0.010	mg/L	1	03/04/12 06:20 PM
Selenium	ND		0.020	mg/L	1	03/04/12 06:20 PM
Silver	ND		0.0050	mg/L	1	03/05/12 07:13 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/29/12	Analyst: CW
1,4-Dichlorobenzene	ND		0.10	mg/L	1	03/01/12 01:25 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 01:25 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 01:25 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	03/01/12 01:25 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	03/01/12 01:25 PM
Hexachlorobenzene	ND		0.10	mg/L	1	03/01/12 01:25 PM
Hexachloroethane	ND		0.10	mg/L	1	03/01/12 01:25 PM
m-Cresol	ND		0.10	mg/L	1	03/01/12 01:25 PM
Nitrobenzene	ND		0.10	mg/L	1	03/01/12 01:25 PM
o-Cresol	ND		0.10	mg/L	1	03/01/12 01:25 PM
p-Cresol	ND		0.10	mg/L	1	03/01/12 01:25 PM
Pentachlorophenol	ND		0.40	mg/L	1	03/01/12 01:25 PM
Pyridine	ND		0.40	mg/L	1	03/01/12 01:25 PM
Surr: 2,4,6-Tribromophenol	90.4		21-125	%REC	1	03/01/12 01:25 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B02-S02-022312

Lab ID: 1202723-32

Collection Date: 02/23/12 01:45 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	73.8		39-94	%REC	1	03/01/12 01:25 PM
Surr: 2-Fluorophenol	34.7		10-75	%REC	1	03/01/12 01:25 PM
Surr: 4-Terphenyl-d14	78.9		26-119	%REC	1	03/01/12 01:25 PM
Surr: Nitrobenzene-d5	80.2		41-104	%REC	1	03/01/12 01:25 PM
Surr: Phenol-d6	24.3		11-50	%REC	1	03/01/12 01:25 PM

TCLP VOLATILE ORGANICS

SW8260

Prep Date: 02/27/12

Analyst: BG

1,1-Dichloroethene	ND		0.020	mg/L	20	03/03/12 07:39 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/03/12 07:39 AM
2-Butanone	ND		0.20	mg/L	20	03/03/12 07:39 AM
Benzene	ND		0.020	mg/L	20	03/03/12 07:39 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/03/12 07:39 AM
Chlorobenzene	ND		0.020	mg/L	20	03/03/12 07:39 AM
Chloroform	ND		0.020	mg/L	20	03/03/12 07:39 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/03/12 07:39 AM
Trichloroethene	ND		0.020	mg/L	20	03/03/12 07:39 AM
Vinyl chloride	ND		0.020	mg/L	20	03/03/12 07:39 AM
Surr: 1,2-Dichloroethane-d4	102		70-130	%REC	20	03/03/12 07:39 AM
Surr: 4-Bromofluorobenzene	97.8		70-130	%REC	20	03/03/12 07:39 AM
Surr: Dibromofluoromethane	99.2		70-130	%REC	20	03/03/12 07:39 AM
Surr: Toluene-d8	101		70-130	%REC	20	03/03/12 07:39 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B03-S01-022312

Lab ID: 1202723-33

Collection Date: 02/23/12 11:15 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 03/01/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	03/05/12 04:23 AM
2,4-D	ND		0.0050	mg/L	1	03/05/12 04:23 AM
Surr: DCAA	84.2		30-150	%REC	1	03/05/12 04:23 AM
TCLP PESTICIDES			SW8081		Prep Date: 03/01/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 10:43 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 10:43 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 10:43 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 10:43 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 10:43 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 10:43 AM
Surr: Decachlorobiphenyl	80.0		30-135	%REC	1	03/02/12 10:43 AM
Surr: Tetrachloro-m-xylene	59.0		25-140	%REC	1	03/02/12 10:43 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/28/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/29/12 01:55 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 03/01/12	Analyst: RH
Arsenic	0.014		0.010	mg/L	1	03/04/12 06:24 PM
Barium	5.2		0.050	mg/L	1	03/04/12 06:24 PM
Cadmium	0.014		0.0020	mg/L	1	03/04/12 06:24 PM
Chromium	ND		0.020	mg/L	1	03/04/12 06:24 PM
Lead	0.10		0.010	mg/L	1	03/04/12 06:24 PM
Selenium	ND		0.020	mg/L	1	03/04/12 06:24 PM
Silver	ND		0.0050	mg/L	1	03/05/12 07:18 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/29/12	Analyst: CW
1,4-Dichlorobenzene	ND		0.10	mg/L	1	03/01/12 02:24 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 02:24 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 02:24 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	03/01/12 02:24 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	03/01/12 02:24 PM
Hexachlorobenzene	ND		0.10	mg/L	1	03/01/12 02:24 PM
Hexachloroethane	ND		0.10	mg/L	1	03/01/12 02:24 PM
m-Cresol	0.78		0.10	mg/L	1	03/01/12 02:24 PM
Nitrobenzene	ND		0.10	mg/L	1	03/01/12 02:24 PM
o-Cresol	ND		0.10	mg/L	1	03/01/12 02:24 PM
p-Cresol	0.78		0.10	mg/L	1	03/01/12 02:24 PM
Pentachlorophenol	ND		0.40	mg/L	1	03/01/12 02:24 PM
Pyridine	ND		0.40	mg/L	1	03/01/12 02:24 PM
Surr: 2,4,6-Tribromophenol	107		21-125	%REC	1	03/01/12 02:24 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B03-S01-022312

Lab ID: 1202723-33

Collection Date: 02/23/12 11:15 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	77.3		39-94	%REC	1	03/01/12 02:24 PM
<i>Surr: 2-Fluorophenol</i>	43.9		10-75	%REC	1	03/01/12 02:24 PM
<i>Surr: 4-Terphenyl-d14</i>	97.2		26-119	%REC	1	03/01/12 02:24 PM
<i>Surr: Nitrobenzene-d5</i>	79.0		41-104	%REC	1	03/01/12 02:24 PM
<i>Surr: Phenol-d6</i>	25.7		11-50	%REC	1	03/01/12 02:24 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/27/12	Analyst: BG
1,1-Dichloroethene	ND		0.020	mg/L	20	03/03/12 08:03 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/03/12 08:03 AM
2-Butanone	ND		0.20	mg/L	20	03/03/12 08:03 AM
Benzene	ND		0.020	mg/L	20	03/03/12 08:03 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/03/12 08:03 AM
Chlorobenzene	ND		0.020	mg/L	20	03/03/12 08:03 AM
Chloroform	ND		0.020	mg/L	20	03/03/12 08:03 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/03/12 08:03 AM
Trichloroethene	ND		0.020	mg/L	20	03/03/12 08:03 AM
Vinyl chloride	ND		0.020	mg/L	20	03/03/12 08:03 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	100		70-130	%REC	20	03/03/12 08:03 AM
<i>Surr: 4-Bromofluorobenzene</i>	96.9		70-130	%REC	20	03/03/12 08:03 AM
<i>Surr: Dibromofluoromethane</i>	99.0		70-130	%REC	20	03/03/12 08:03 AM
<i>Surr: Toluene-d8</i>	101		70-130	%REC	20	03/03/12 08:03 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B04-S01-022312

Lab ID: 1202723-34

Collection Date: 02/23/12 10:10 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 03/01/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	03/05/12 04:32 AM
2,4-D	ND		0.0050	mg/L	1	03/05/12 04:32 AM
Surr: DCAA	85.0		30-150	%REC	1	03/05/12 04:32 AM
TCLP PESTICIDES			SW8081		Prep Date: 03/01/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 10:58 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 10:58 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 10:58 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 10:58 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 10:58 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 10:58 AM
Surr: Decachlorobiphenyl	72.0		30-135	%REC	1	03/02/12 10:58 AM
Surr: Tetrachloro-m-xylene	47.0		25-140	%REC	1	03/02/12 10:58 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/28/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/29/12 01:57 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 03/01/12	Analyst: RH
Arsenic	0.014		0.010	mg/L	1	03/04/12 06:29 PM
Barium	35		0.50	mg/L	10	03/05/12 07:22 PM
Cadmium	0.40		0.0020	mg/L	1	03/04/12 06:29 PM
Chromium	ND		0.020	mg/L	1	03/04/12 06:29 PM
Lead	1.2		0.010	mg/L	1	03/04/12 06:29 PM
Selenium	ND		0.020	mg/L	1	03/04/12 06:29 PM
Silver	ND		0.0050	mg/L	1	03/05/12 07:27 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/29/12	Analyst: CW
1,4-Dichlorobenzene	ND		0.10	mg/L	1	03/01/12 02:54 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 02:54 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 02:54 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	03/01/12 02:54 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	03/01/12 02:54 PM
Hexachlorobenzene	ND		0.10	mg/L	1	03/01/12 02:54 PM
Hexachloroethane	ND		0.10	mg/L	1	03/01/12 02:54 PM
m-Cresol	ND		0.10	mg/L	1	03/01/12 02:54 PM
Nitrobenzene	ND		0.10	mg/L	1	03/01/12 02:54 PM
o-Cresol	ND		0.10	mg/L	1	03/01/12 02:54 PM
p-Cresol	ND		0.10	mg/L	1	03/01/12 02:54 PM
Pentachlorophenol	ND		0.40	mg/L	1	03/01/12 02:54 PM
Pyridine	ND		0.40	mg/L	1	03/01/12 02:54 PM
Surr: 2,4,6-Tribromophenol	109		21-125	%REC	1	03/01/12 02:54 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B04-S01-022312

Lab ID: 1202723-34

Collection Date: 02/23/12 10:10 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	82.4		39-94	%REC	1	03/01/12 02:54 PM
<i>Surr: 2-Fluorophenol</i>	46.8		10-75	%REC	1	03/01/12 02:54 PM
<i>Surr: 4-Terphenyl-d14</i>	100		26-119	%REC	1	03/01/12 02:54 PM
<i>Surr: Nitrobenzene-d5</i>	81.2		41-104	%REC	1	03/01/12 02:54 PM
<i>Surr: Phenol-d6</i>	28.1		11-50	%REC	1	03/01/12 02:54 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/27/12	Analyst: BG
1,1-Dichloroethene	ND		0.020	mg/L	20	03/03/12 08:27 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/03/12 08:27 AM
2-Butanone	ND		0.20	mg/L	20	03/03/12 08:27 AM
Benzene	ND		0.020	mg/L	20	03/03/12 08:27 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/03/12 08:27 AM
Chlorobenzene	ND		0.020	mg/L	20	03/03/12 08:27 AM
Chloroform	ND		0.020	mg/L	20	03/03/12 08:27 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/03/12 08:27 AM
Trichloroethene	ND		0.020	mg/L	20	03/03/12 08:27 AM
Vinyl chloride	ND		0.020	mg/L	20	03/03/12 08:27 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	102		70-130	%REC	20	03/03/12 08:27 AM
<i>Surr: 4-Bromofluorobenzene</i>	99.0		70-130	%REC	20	03/03/12 08:27 AM
<i>Surr: Dibromofluoromethane</i>	98.7		70-130	%REC	20	03/03/12 08:27 AM
<i>Surr: Toluene-d8</i>	102		70-130	%REC	20	03/03/12 08:27 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B04-S02-022312

Lab ID: 1202723-35

Collection Date: 02/23/12 10:15 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 03/01/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	03/05/12 04:41 AM
2,4-D	ND		0.0050	mg/L	1	03/05/12 04:41 AM
Surr: DCAA	88.6		30-150	%REC	1	03/05/12 04:41 AM
TCLP PESTICIDES			SW8081		Prep Date: 03/01/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 11:13 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 11:13 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 11:13 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 11:13 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 11:13 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 11:13 AM
Surr: Decachlorobiphenyl	69.0		30-135	%REC	1	03/02/12 11:13 AM
Surr: Tetrachloro-m-xylene	60.0		25-140	%REC	1	03/02/12 11:13 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/28/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/29/12 02:00 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 03/01/12	Analyst: RH
Arsenic	0.035		0.010	mg/L	1	03/04/12 06:59 PM
Barium	0.80		0.050	mg/L	1	03/04/12 06:59 PM
Cadmium	0.0052		0.0020	mg/L	1	03/04/12 06:59 PM
Chromium	ND		0.020	mg/L	1	03/04/12 06:59 PM
Lead	0.034		0.010	mg/L	1	03/04/12 06:59 PM
Selenium	ND		0.020	mg/L	1	03/04/12 06:59 PM
Silver	ND		0.0050	mg/L	1	03/05/12 07:32 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/29/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	03/01/12 04:17 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 04:17 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 04:17 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	03/01/12 04:17 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	03/01/12 04:17 PM
Hexachlorobenzene	ND		0.10	mg/L	1	03/01/12 04:17 PM
Hexachloroethane	ND		0.10	mg/L	1	03/01/12 04:17 PM
m-Cresol	ND		0.10	mg/L	1	03/01/12 04:17 PM
Nitrobenzene	ND		0.10	mg/L	1	03/01/12 04:17 PM
o-Cresol	ND		0.10	mg/L	1	03/01/12 04:17 PM
p-Cresol	ND		0.10	mg/L	1	03/01/12 04:17 PM
Pentachlorophenol	ND		0.40	mg/L	1	03/01/12 04:17 PM
Pyridine	ND		0.40	mg/L	1	03/01/12 04:17 PM
Surr: 2,4,6-Tribromophenol	85.8		21-125	%REC	1	03/01/12 04:17 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B04-S02-022312

Lab ID: 1202723-35

Collection Date: 02/23/12 10:15 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	72.8		39-94	%REC	1	03/01/12 04:17 PM
<i>Surr: 2-Fluorophenol</i>	56.5		10-75	%REC	1	03/01/12 04:17 PM
<i>Surr: 4-Terphenyl-d14</i>	87.1		26-119	%REC	1	03/01/12 04:17 PM
<i>Surr: Nitrobenzene-d5</i>	84.9		41-104	%REC	1	03/01/12 04:17 PM
<i>Surr: Phenol-d6</i>	35.6		11-50	%REC	1	03/01/12 04:17 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/27/12	Analyst: BG
1,1-Dichloroethene	ND		0.020	mg/L	20	03/03/12 08:51 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/03/12 08:51 AM
2-Butanone	ND		0.20	mg/L	20	03/03/12 08:51 AM
Benzene	ND		0.020	mg/L	20	03/03/12 08:51 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/03/12 08:51 AM
Chlorobenzene	ND		0.020	mg/L	20	03/03/12 08:51 AM
Chloroform	ND		0.020	mg/L	20	03/03/12 08:51 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/03/12 08:51 AM
Trichloroethene	ND		0.020	mg/L	20	03/03/12 08:51 AM
Vinyl chloride	ND		0.020	mg/L	20	03/03/12 08:51 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	101		70-130	%REC	20	03/03/12 08:51 AM
<i>Surr: 4-Bromofluorobenzene</i>	95.8		70-130	%REC	20	03/03/12 08:51 AM
<i>Surr: Dibromofluoromethane</i>	98.5		70-130	%REC	20	03/03/12 08:51 AM
<i>Surr: Toluene-d8</i>	102		70-130	%REC	20	03/03/12 08:51 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B07-S01-022312

Lab ID: 1202723-36

Collection Date: 02/23/12 04:35 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 03/01/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	03/05/12 04:50 AM
2,4-D	ND		0.0050	mg/L	1	03/05/12 04:50 AM
Surr: DCAA	83.4		30-150	%REC	1	03/05/12 04:50 AM
TCLP PESTICIDES			SW8081		Prep Date: 03/01/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	03/02/12 11:28 AM
Endrin	ND		0.00050	mg/L	1	03/02/12 11:28 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	03/02/12 11:28 AM
Heptachlor	ND		0.00025	mg/L	1	03/02/12 11:28 AM
Methoxychlor	ND		0.0025	mg/L	1	03/02/12 11:28 AM
Toxaphene	ND		0.020	mg/L	1	03/02/12 11:28 AM
Surr: Decachlorobiphenyl	80.0		30-135	%REC	1	03/02/12 11:28 AM
Surr: Tetrachloro-m-xylene	64.0		25-140	%REC	1	03/02/12 11:28 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 02/28/12	Analyst: LR
Mercury	ND		0.0020	mg/L	1	02/29/12 02:02 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 03/01/12	Analyst: RH
Arsenic	0.013		0.010	mg/L	1	03/04/12 07:04 PM
Barium	12		0.050	mg/L	1	03/04/12 07:04 PM
Cadmium	0.0088		0.0020	mg/L	1	03/04/12 07:04 PM
Chromium	ND		0.020	mg/L	1	03/04/12 07:04 PM
Lead	0.023		0.010	mg/L	1	03/04/12 07:04 PM
Selenium	ND		0.020	mg/L	1	03/04/12 07:04 PM
Silver	ND		0.0050	mg/L	1	03/05/12 07:37 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/29/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	03/01/12 04:51 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 04:51 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	03/01/12 04:51 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	03/01/12 04:51 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	03/01/12 04:51 PM
Hexachlorobenzene	ND		0.10	mg/L	1	03/01/12 04:51 PM
Hexachloroethane	ND		0.10	mg/L	1	03/01/12 04:51 PM
m-Cresol	ND		0.10	mg/L	1	03/01/12 04:51 PM
Nitrobenzene	ND		0.10	mg/L	1	03/01/12 04:51 PM
o-Cresol	ND		0.10	mg/L	1	03/01/12 04:51 PM
p-Cresol	ND		0.10	mg/L	1	03/01/12 04:51 PM
Pentachlorophenol	ND		0.40	mg/L	1	03/01/12 04:51 PM
Pyridine	ND		0.40	mg/L	1	03/01/12 04:51 PM
Surr: 2,4,6-Tribromophenol	86.1		21-125	%REC	1	03/01/12 04:51 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: CD-B07-S01-022312

Lab ID: 1202723-36

Collection Date: 02/23/12 04:35 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	70.0		39-94	%REC	1	03/01/12 04:51 PM
<i>Surr: 2-Fluorophenol</i>	38.4		10-75	%REC	1	03/01/12 04:51 PM
<i>Surr: 4-Terphenyl-d14</i>	84.8		26-119	%REC	1	03/01/12 04:51 PM
<i>Surr: Nitrobenzene-d5</i>	74.0		41-104	%REC	1	03/01/12 04:51 PM
<i>Surr: Phenol-d6</i>	24.7		11-50	%REC	1	03/01/12 04:51 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/27/12	Analyst: BG
1,1-Dichloroethene	ND		0.020	mg/L	20	03/03/12 09:14 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	03/03/12 09:14 AM
2-Butanone	ND		0.20	mg/L	20	03/03/12 09:14 AM
Benzene	ND		0.020	mg/L	20	03/03/12 09:14 AM
Carbon tetrachloride	ND		0.020	mg/L	20	03/03/12 09:14 AM
Chlorobenzene	ND		0.020	mg/L	20	03/03/12 09:14 AM
Chloroform	ND		0.020	mg/L	20	03/03/12 09:14 AM
Tetrachloroethene	ND		0.020	mg/L	20	03/03/12 09:14 AM
Trichloroethene	ND		0.020	mg/L	20	03/03/12 09:14 AM
Vinyl chloride	ND		0.020	mg/L	20	03/03/12 09:14 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	103		70-130	%REC	20	03/03/12 09:14 AM
<i>Surr: 4-Bromofluorobenzene</i>	96.4		70-130	%REC	20	03/03/12 09:14 AM
<i>Surr: Dibromofluoromethane</i>	98.8		70-130	%REC	20	03/03/12 09:14 AM
<i>Surr: Toluene-d8</i>	101		70-130	%REC	20	03/03/12 09:14 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: Trip Blank

Lab ID: 1202723-37

Collection Date: 02/22/12

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	03/04/12 07:27 PM
1,1,2,2-Tetrachloroethane	ND		0.10	mg/Kg	50	03/04/12 07:27 PM
1,1,2-Trichloroethane	ND		0.10	mg/Kg	50	03/04/12 07:27 PM
1,1,2-Trichlorotrifluoroethane	ND		0.050	mg/Kg	50	03/04/12 07:27 PM
1,1-Dichloroethane	ND		0.050	mg/Kg	50	03/04/12 07:27 PM
1,1-Dichloroethene	ND		0.050	mg/Kg	50	03/04/12 07:27 PM
1,2,4-Trichlorobenzene	ND		0.050	mg/Kg	50	03/04/12 07:27 PM
1,2-Dibromo-3-chloropropane	ND		0.10	mg/Kg	50	03/04/12 07:27 PM
1,2-Dibromoethane	ND		0.075	mg/Kg	50	03/04/12 07:27 PM
1,2-Dichlorobenzene	ND		0.050	mg/Kg	50	03/04/12 07:27 PM
1,2-Dichloroethane	ND		0.050	mg/Kg	50	03/04/12 07:27 PM
1,2-Dichloropropane	ND		0.18	mg/Kg	50	03/04/12 07:27 PM
1,3-Dichlorobenzene	ND		0.050	mg/Kg	50	03/04/12 07:27 PM
1,4-Dichlorobenzene	ND		0.050	mg/Kg	50	03/04/12 07:27 PM
2-Butanone	ND		0.38	mg/Kg	50	03/04/12 07:27 PM
2-Hexanone	ND		0.25	mg/Kg	50	03/04/12 07:27 PM
4-Methyl-2-pentanone	ND		0.25	mg/Kg	50	03/04/12 07:27 PM
Acetone	ND		0.22	mg/Kg	50	03/04/12 07:27 PM
Benzene	ND		0.050	mg/Kg	50	03/04/12 07:27 PM
Bromodichloromethane	ND		0.075	mg/Kg	50	03/04/12 07:27 PM
Bromoform	ND		0.050	mg/Kg	50	03/04/12 07:27 PM
Bromomethane	ND		0.075	mg/Kg	50	03/04/12 07:27 PM
Carbon disulfide	ND		0.075	mg/Kg	50	03/04/12 07:27 PM
Carbon tetrachloride	ND		0.050	mg/Kg	50	03/04/12 07:27 PM
Chlorobenzene	ND		0.075	mg/Kg	50	03/04/12 07:27 PM
Chloroethane	ND		0.15	mg/Kg	50	03/04/12 07:27 PM
Chloroform	ND		0.050	mg/Kg	50	03/04/12 07:27 PM
Chloromethane	ND		0.15	mg/Kg	50	03/04/12 07:27 PM
cis-1,2-Dichloroethene	ND		0.10	mg/Kg	50	03/04/12 07:27 PM
cis-1,3-Dichloropropene	ND		0.050	mg/Kg	50	03/04/12 07:27 PM
Cyclohexane	ND		0.050	mg/Kg	50	03/04/12 07:27 PM
Dibromochloromethane	ND		0.10	mg/Kg	50	03/04/12 07:27 PM
Dichlorodifluoromethane	ND		0.050	mg/Kg	50	03/04/12 07:27 PM
Ethylbenzene	ND		0.10	mg/Kg	50	03/04/12 07:27 PM
Isopropylbenzene	ND		0.050	mg/Kg	50	03/04/12 07:27 PM
Methyl acetate	ND		0.050	mg/Kg	50	03/04/12 07:27 PM
Methyl tert-butyl ether	ND		0.075	mg/Kg	50	03/04/12 07:27 PM
Methylcyclohexane	ND		1.0	mg/Kg	50	03/04/12 07:27 PM
Methylene chloride	ND		0.10	mg/Kg	50	03/04/12 07:27 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202723

Sample ID: Trip Blank

Lab ID: 1202723-37

Collection Date: 02/22/12

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		0.075	mg/Kg	50	03/04/12 07:27 PM
Tetrachloroethene	ND		0.050	mg/Kg	50	03/04/12 07:27 PM
Toluene	ND		0.075	mg/Kg	50	03/04/12 07:27 PM
trans-1,2-Dichloroethene	ND		0.050	mg/Kg	50	03/04/12 07:27 PM
trans-1,3-Dichloropropene	ND		0.075	mg/Kg	50	03/04/12 07:27 PM
Trichloroethene	ND		0.050	mg/Kg	50	03/04/12 07:27 PM
Trichlorofluoromethane	ND		0.050	mg/Kg	50	03/04/12 07:27 PM
Vinyl chloride	ND		0.10	mg/Kg	50	03/04/12 07:27 PM
Xylenes, Total	ND		0.15	mg/Kg	50	03/04/12 07:27 PM
Surr: 1,2-Dichloroethane-d4	100		70-120	%REC	50	03/04/12 07:27 PM
Surr: 4-Bromofluorobenzene	99.9		75-120	%REC	50	03/04/12 07:27 PM
Surr: Dibromofluoromethane	92.3		85-115	%REC	50	03/04/12 07:27 PM
Surr: Toluene-d8	101		85-115	%REC	50	03/04/12 07:27 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 26, 2012

Laboratory: ALS Environmental (ALS), Holland, Michigan

Laboratory Project #: 1202725

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 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 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
CD-B05-W01-022312	1202725-01	Water	2/23/2012	3/6/2012
CD-B04-W01-022312	1202725-02	Water	2/23/2012	3/6/2012
Trip Blank #1	1202725-05	Water	2/23/2012	3/5/2012
Trip Blank #2	1202725-06	Water	2/23/2012	3/5/2012

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 detections of target analytes.

4. Surrogate Results

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

5. Laboratory Control Sample (LCS) Results

The LCS and LCS duplicate (LCSD) recoveries and relative percent differences (RPD) were within laboratory QC limits except for as follows. A couple of VOCs had recoveries above the QC limits. Because these VOCs were not detected in the samples, no qualifications were required.

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

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

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

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

TCLP VOCs by SW-846 METHODS 1311 AND 8260

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
CD-B05-W01-022312	1202725-03	Water	2/23/2012	3/6/2012
CD-B04-W01-022312	1202725-04	Water	2/23/2012	3/6/2012

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

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

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1202725

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

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

SVOCs BY SW-846 METHOD 8270

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
CD-B05-W01-022312	1202725-01	Water	2/23/2012	2/28/2012	3/1/2012
CD-B04-W01-022312	1202725-02	Water	2/23/2012	2/28/2012	3/1/2012

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.

6. MS and MSD Results

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

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

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

TCLP SVOCs BY SW-846 METHODS 1311 AND 8270

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
CD-B05-W01-022312	1202725-03	Water	2/23/2012	2/28/2012	3/1/2012
CD-B04-W01-022312	1202725-04	Water	2/23/2012	2/28/2012	3/1/2012

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

There are no field duplicates associated with this work order.

8. Overall Assessment

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

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
CD-B05-W01-022312	1202725-01	Water	2/23/2012	2/28/2012	3/1/2012
CD-B04-W01-022312	1202725-02	Water	2/23/2012	2/28/2012	3/1/2012

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 analyzed using sample CD-B05-W01-022312 as the spiked sample. The percent recoveries and RPDs were within QC limits.

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

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

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
CD-B05-W01-022312	1202725-01	Water	2/23/2012	2/28/2012	3/2/2012
CD-B04-W01-022312	1202725-02	Water	2/23/2012	2/28/2012	3/2/2012

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

There are no field duplicates associated with this work order.

8. Overall Assessment

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

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
CD-B05-W01-022312	1202725-03	Water	2/23/2012	2/28/2012	3/2/2012
CD-B04-W01-022312	1202725-04	Water	2/23/2012	2/28/2012	3/2/2012

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

There are no field duplicates associated with this work order.

8. Overall Assessment

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

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
CD-B05-W01-022312	1202725-01	Water	2/23/2012	3/1/2012	3/5/2012
CD-B04-W01-022312	1202725-02	Water	2/23/2012	3/1/2012	3/5/2012

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

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

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

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
CD-B05-W01-022312	1202725-03	Water	2/23/2012	3/1/2012	3/5/2012
CD-B04-W01-022312	1202725-04	Water	2/23/2012	3/1/2012	3/5/2012

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

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

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

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
CD-B05-W01-022312	1202725-01	Water	2/23/2012	3/1/2012 – 3/6/2012
CD-B04-W01-022312	1202725-02	Water	2/23/2012	3/1/2012 – 3/6/2012

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

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

6. Field Duplicate Results

There are no field duplicates associated with this work order.

7. Overall Assessment

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

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
CD-B05-W01-022312	1202725-03	Water	2/23/2012	3/1/2012 – 3/6/2012
CD-B04-W01-022312	1202725-04	Water	2/23/2012	3/1/2012 – 3/6/2012

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

6. Field Duplicate Results

There are no field duplicates associated with this work order.

7. Overall Assessment

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

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
CD-B05-W01-022312	1202725-01	Water	2/23/2012	2/25/2012 – 3/5/2012
CD-B04-W01-022312	1202725-02	Water	2/23/2012	2/25/2012 – 3/5/2012

2. Holding Times

The methods state that flashpoint and pH should be analyzed as soon as possible. For pH, the sample was analyzed 2 days from collection. No qualification was applied

The flashpoint analysis holding time is fairly high at approximately 11 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

The laboratory duplicate RPDs were within QC limits.

6. Field Duplicate Results

There are no field duplicates associated with this work order.

7. Overall Assessment

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

Data Validation Report
Eastern Sandusky County Dumps Site
ALS Environmental
Laboratory Project #: 1202725

ATTACHMENT

**ALS ENVIRONMENTAL
RESULTS SUMMARY WITH QUALIFIERS**

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
WorkOrder: 1202725

**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: 07-Mar-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CD-B05-W01-022312
Collection Date: 02/23/12 01:13 PM

Work Order: 1202725
Lab ID: 1202725-01
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 03/01/12	Analyst: JD
2,4,5-T	ND		0.0010	mg/L	1	03/05/12 05:00 AM
2,4,5-TP (Silvex)	ND		0.0020	mg/L	1	03/05/12 05:00 AM
2,4-D	ND		0.0020	mg/L	1	03/05/12 05:00 AM
Surr: DCAA	69.2		30-150	%REC	1	03/05/12 05:00 AM
PCBS			SW8082		Prep Date: 02/28/12	Analyst: JD
Aroclor 1016	ND		0.00040	mg/L	1	03/01/12 10:49 PM
Aroclor 1221	ND		0.00040	mg/L	1	03/01/12 10:49 PM
Aroclor 1232	ND		0.00040	mg/L	1	03/01/12 10:49 PM
Aroclor 1242	ND		0.00040	mg/L	1	03/01/12 10:49 PM
Aroclor 1248	ND		0.00040	mg/L	1	03/01/12 10:49 PM
Aroclor 1254	ND		0.00040	mg/L	1	03/01/12 10:49 PM
Aroclor 1260	ND		0.00040	mg/L	1	03/01/12 10:49 PM
Surr: Decachlorobiphenyl	50.0		40-140	%REC	1	03/01/12 10:49 PM
PESTICIDES			SW8081		Prep Date: 02/28/12	Analyst: JD
4,4'-DDD	ND		0.00010	mg/L	5	03/02/12 12:31 AM
4,4'-DDE	ND		0.00010	mg/L	5	03/02/12 12:31 AM
4,4'-DDT	ND		0.00010	mg/L	5	03/02/12 12:31 AM
Aldrin	ND		0.000050	mg/L	5	03/02/12 12:31 AM
alpha-BHC	ND		0.000050	mg/L	5	03/02/12 12:31 AM
alpha-Chlordane	ND		0.00010	mg/L	5	03/02/12 12:31 AM
beta-BHC	ND		0.000050	mg/L	5	03/02/12 12:31 AM
Chlordane, Technical	ND		0.0025	mg/L	5	03/02/12 12:31 AM
delta-BHC	ND		0.000050	mg/L	5	03/02/12 12:31 AM
Dieldrin	ND		0.00010	mg/L	5	03/02/12 12:31 AM
Endosulfan I	ND		0.00010	mg/L	5	03/02/12 12:31 AM
Endosulfan II	ND		0.00010	mg/L	5	03/02/12 12:31 AM
Endosulfan sulfate	ND		0.00010	mg/L	5	03/02/12 12:31 AM
Endrin	ND		0.00010	mg/L	5	03/02/12 12:31 AM
Endrin aldehyde	ND		0.00010	mg/L	5	03/02/12 12:31 AM
Endrin ketone	ND		0.00010	mg/L	5	03/02/12 12:31 AM
gamma-BHC (Lindane)	ND		0.000050	mg/L	5	03/02/12 12:31 AM
gamma-Chlordane	ND		0.00010	mg/L	5	03/02/12 12:31 AM
Heptachlor	ND		0.000050	mg/L	5	03/02/12 12:31 AM
Heptachlor epoxide	ND		0.000050	mg/L	5	03/02/12 12:31 AM
Hexachlorobenzene	ND		0.000050	mg/L	5	03/02/12 12:31 AM
Methoxychlor	ND		0.00020	mg/L	5	03/02/12 12:31 AM
Toxaphene	ND		0.010	mg/L	5	03/02/12 12:31 AM
Surr: Decachlorobiphenyl	35.0		30-145	%REC	5	03/02/12 12:31 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202725

Sample ID: CD-B05-W01-022312

Lab ID: 1202725-01

Collection Date: 02/23/12 01:13 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Tetrachloro-m-xylene</i>	40.0		25-140	%REC	5	03/02/12 12:31 AM
MERCURY BY CVAA			SW7470		Prep Date: 03/01/12	Analyst: LR
Mercury	ND		0.00020	mg/L	1	03/01/12 02:48 PM
METALS BY ICP-MS			SW6020A		Prep Date: 03/01/12	Analyst: RH
Aluminum	1.7		0.010	mg/L	1	03/06/12 04:07 AM
Antimony	0.055		0.0050	mg/L	1	03/06/12 04:07 AM
Arsenic	0.0052		0.0050	mg/L	1	03/06/12 04:07 AM
Barium	0.93		0.0050	mg/L	1	03/06/12 04:07 AM
Beryllium	ND		0.0020	mg/L	1	03/06/12 04:07 AM
Boron	370		2.0	mg/L	100	03/06/12 12:05 AM
Cadmium	0.017		0.0020	mg/L	1	03/06/12 04:07 AM
Calcium	14		0.50	mg/L	1	03/06/12 04:07 AM
Chromium	0.0094		0.0050	mg/L	1	03/06/12 04:07 AM
Cobalt	0.041		0.0050	mg/L	1	03/06/12 04:07 AM
Copper	0.23		0.0050	mg/L	1	03/06/12 04:07 AM
Iron	3.6		0.080	mg/L	1	03/06/12 04:07 AM
Lead	0.28		0.0050	mg/L	1	03/06/12 04:07 AM
Magnesium	13		0.20	mg/L	1	03/06/12 04:07 AM
Manganese	0.16		0.0050	mg/L	1	03/06/12 04:07 AM
Nickel	0.065		0.0050	mg/L	1	03/06/12 04:07 AM
Potassium	95		0.20	mg/L	1	03/06/12 04:07 AM
Selenium	ND		0.0050	mg/L	1	03/06/12 04:07 AM
Silver	ND		0.0050	mg/L	1	03/06/12 04:07 AM
Sodium	980		20	mg/L	100	03/05/12 07:42 PM
Thallium	ND		0.0050	mg/L	1	03/06/12 04:07 AM
Vanadium	0.0082		0.0050	mg/L	1	03/06/12 04:07 AM
Zinc	2.1		1.0	mg/L	100	03/05/12 07:42 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/28/12	Analyst: HL
1,1'-Biphenyl	ND		0.0050	mg/L	1	03/01/12 05:35 PM
2,4,5-Trichlorophenol	ND		0.0050	mg/L	1	03/01/12 05:35 PM
2,4,6-Trichlorophenol	ND		0.0050	mg/L	1	03/01/12 05:35 PM
2,4-Dichlorophenol	ND		0.010	mg/L	1	03/01/12 05:35 PM
2,4-Dimethylphenol	0.0098		0.0050	mg/L	1	03/01/12 05:35 PM
2,4-Dinitrophenol	ND		0.0050	mg/L	1	03/01/12 05:35 PM
2,4-Dinitrotoluene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
2,6-Dinitrotoluene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
2-Chloronaphthalene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
2-Chlorophenol	ND		0.0050	mg/L	1	03/01/12 05:35 PM
2-Methylnaphthalene	ND		0.0050	mg/L	1	03/01/12 05:35 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202725

Sample ID: CD-B05-W01-022312

Lab ID: 1202725-01

Collection Date: 02/23/12 01:13 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Methylphenol	0.0068		0.0050	mg/L	1	03/01/12 05:35 PM
2-Nitroaniline	ND		0.020	mg/L	1	03/01/12 05:35 PM
2-Nitrophenol	ND		0.0050	mg/L	1	03/01/12 05:35 PM
3,3'-Dichlorobenzidine	ND		0.0050	mg/L	1	03/01/12 05:35 PM
3-Nitroaniline	ND		0.020	mg/L	1	03/01/12 05:35 PM
4,6-Dinitro-2-methylphenol	ND		0.020	mg/L	1	03/01/12 05:35 PM
4-Bromophenyl phenyl ether	ND		0.0050	mg/L	1	03/01/12 05:35 PM
4-Chloro-3-methylphenol	ND		0.0050	mg/L	1	03/01/12 05:35 PM
4-Chloroaniline	ND		0.020	mg/L	1	03/01/12 05:35 PM
4-Chlorophenyl phenyl ether	ND		0.0050	mg/L	1	03/01/12 05:35 PM
4-Methylphenol	0.043		0.0050	mg/L	1	03/01/12 05:35 PM
4-Nitroaniline	ND		0.020	mg/L	1	03/01/12 05:35 PM
4-Nitrophenol	ND		0.020	mg/L	1	03/01/12 05:35 PM
Acenaphthene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Acenaphthylene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Acetophenone	0.0056		0.0010	mg/L	1	03/01/12 05:35 PM
Anthracene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Atrazine	ND		0.010	mg/L	1	03/01/12 05:35 PM
Benzaldehyde	ND		0.0010	mg/L	1	03/01/12 05:35 PM
Benzo(a)anthracene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Benzo(a)pyrene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Benzo(b)fluoranthene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Benzo(g,h,i)perylene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Benzo(k)fluoranthene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Bis(2-chloroethoxy)methane	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Bis(2-chloroethyl)ether	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Bis(2-chloroisopropyl)ether	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Bis(2-ethylhexyl)phthalate	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Butyl benzyl phthalate	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Caprolactam	ND		0.010	mg/L	1	03/01/12 05:35 PM
Carbazole	ND		0.010	mg/L	1	03/01/12 05:35 PM
Chrysene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Dibenzo(a,h)anthracene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Dibenzofuran	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Diethyl phthalate	ND		0.020	mg/L	1	03/01/12 05:35 PM
Dimethyl phthalate	ND		0.020	mg/L	1	03/01/12 05:35 PM
Di-n-butyl phthalate	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Di-n-octyl phthalate	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Fluoranthene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Fluorene	ND		0.0050	mg/L	1	03/01/12 05:35 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CD-B05-W01-022312
Collection Date: 02/23/12 01:13 PM

Work Order: 1202725
Lab ID: 1202725-01
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobenzene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Hexachlorobutadiene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Hexachlorocyclopentadiene	ND		0.020	mg/L	1	03/01/12 05:35 PM
Hexachloroethane	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Indeno(1,2,3-cd)pyrene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Isophorone	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Naphthalene	0.011		0.0050	mg/L	1	03/01/12 05:35 PM
Nitrobenzene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
N-Nitrosodi-n-propylamine	ND		0.0050	mg/L	1	03/01/12 05:35 PM
N-Nitrosodiphenylamine	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Pentachlorophenol	ND		0.020	mg/L	1	03/01/12 05:35 PM
Phenanthrene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Phenol	0.018		0.0050	mg/L	1	03/01/12 05:35 PM
Pyrene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
<i>Surr: 2,4,6-Tribromophenol</i>	68.2		21-125	%REC	1	03/01/12 05:35 PM
<i>Surr: 2-Fluorobiphenyl</i>	55.4		36-94	%REC	1	03/01/12 05:35 PM
<i>Surr: 2-Fluorophenol</i>	39.8		10-75	%REC	1	03/01/12 05:35 PM
<i>Surr: 4-Terphenyl-d14</i>	53.9		26-119	%REC	1	03/01/12 05:35 PM
<i>Surr: Nitrobenzene-d5</i>	60.0		41-104	%REC	1	03/01/12 05:35 PM
<i>Surr: Phenol-d6</i>	25.1		11-50	%REC	1	03/01/12 05:35 PM
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: BG
1,1,1-Trichloroethane	ND		0.0010	mg/L	1	03/06/12 11:24 AM
1,1,2,2-Tetrachloroethane	ND		0.0010	mg/L	1	03/06/12 11:24 AM
1,1,2-Trichloroethane	ND		0.0010	mg/L	1	03/06/12 11:24 AM
1,1,2-Trichlorotrifluoroethane	ND		0.0010	mg/L	1	03/06/12 11:24 AM
1,1-Dichloroethane	ND		0.0010	mg/L	1	03/06/12 11:24 AM
1,1-Dichloroethene	ND		0.0010	mg/L	1	03/06/12 11:24 AM
1,2,4-Trichlorobenzene	ND		0.0010	mg/L	1	03/06/12 11:24 AM
1,2-Dibromo-3-chloropropane	ND		0.0010	mg/L	1	03/06/12 11:24 AM
1,2-Dibromoethane	ND		0.0010	mg/L	1	03/06/12 11:24 AM
1,2-Dichlorobenzene	ND		0.0010	mg/L	1	03/06/12 11:24 AM
1,2-Dichloroethane	ND		0.0010	mg/L	1	03/06/12 11:24 AM
1,2-Dichloropropane	ND		0.0020	mg/L	1	03/06/12 11:24 AM
1,3-Dichlorobenzene	ND		0.0020	mg/L	1	03/06/12 11:24 AM
1,4-Dichlorobenzene	ND		0.0020	mg/L	1	03/06/12 11:24 AM
2-Butanone	ND		0.0050	mg/L	1	03/06/12 11:24 AM
2-Hexanone	ND		0.0050	mg/L	1	03/06/12 11:24 AM
4-Methyl-2-pentanone	ND		0.0050	mg/L	1	03/06/12 11:24 AM
Acetone	ND		0.020	mg/L	1	03/06/12 11:24 AM
Benzene	0.0011		0.0010	mg/L	1	03/06/12 11:24 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CD-B05-W01-022312
Collection Date: 02/23/12 01:13 PM

Work Order: 1202725
Lab ID: 1202725-01
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromodichloromethane	ND		0.0010	mg/L	1	03/06/12 11:24 AM
Bromoform	ND		0.0010	mg/L	1	03/06/12 11:24 AM
Bromomethane	ND		0.0010	mg/L	1	03/06/12 11:24 AM
Carbon disulfide	ND		0.0025	mg/L	1	03/06/12 11:24 AM
Carbon tetrachloride	ND		0.0010	mg/L	1	03/06/12 11:24 AM
Chlorobenzene	ND		0.0010	mg/L	1	03/06/12 11:24 AM
Chloroethane	ND		0.0010	mg/L	1	03/06/12 11:24 AM
Chloroform	ND		0.0010	mg/L	1	03/06/12 11:24 AM
Chloromethane	ND		0.0010	mg/L	1	03/06/12 11:24 AM
cis-1,2-Dichloroethene	ND		0.0010	mg/L	1	03/06/12 11:24 AM
cis-1,3-Dichloropropene	ND		0.0010	mg/L	1	03/06/12 11:24 AM
Cyclohexane	ND		0.0050	mg/L	1	03/06/12 11:24 AM
Dibromochloromethane	ND		0.0010	mg/L	1	03/06/12 11:24 AM
Dichlorodifluoromethane	ND		0.0010	mg/L	1	03/06/12 11:24 AM
Ethylbenzene	0.069		0.0010	mg/L	1	03/06/12 11:24 AM
Isopropylbenzene	0.0014		0.0010	mg/L	1	03/06/12 11:24 AM
Methyl acetate	ND		0.0020	mg/L	1	03/06/12 11:24 AM
Methyl tert-butyl ether	ND		0.0050	mg/L	1	03/06/12 11:24 AM
Methylcyclohexane	ND		0.0050	mg/L	1	03/06/12 11:24 AM
Methylene chloride	ND		0.0050	mg/L	1	03/06/12 11:24 AM
Styrene	ND		0.0010	mg/L	1	03/06/12 11:24 AM
Tetrachloroethene	ND		0.0020	mg/L	1	03/06/12 11:24 AM
Toluene	0.0011		0.0010	mg/L	1	03/06/12 11:24 AM
trans-1,2-Dichloroethene	ND		0.0010	mg/L	1	03/06/12 11:24 AM
trans-1,3-Dichloropropene	ND		0.0010	mg/L	1	03/06/12 11:24 AM
Trichloroethene	ND		0.0010	mg/L	1	03/06/12 11:24 AM
Trichlorofluoromethane	ND		0.0010	mg/L	1	03/06/12 11:24 AM
Vinyl chloride	ND		0.0010	mg/L	1	03/06/12 11:24 AM
Xylenes, Total	0.46		0.030	mg/L	10	03/06/12 02:46 PM
Surr: 1,2-Dichloroethane-d4	96.0		70-120	%REC	1	03/06/12 11:24 AM
Surr: 1,2-Dichloroethane-d4	99.0		70-120	%REC	10	03/06/12 02:46 PM
Surr: 4-Bromofluorobenzene	98.5		75-120	%REC	1	03/06/12 11:24 AM
Surr: 4-Bromofluorobenzene	95.5		75-120	%REC	10	03/06/12 02:46 PM
Surr: Dibromofluoromethane	99.4		85-115	%REC	1	03/06/12 11:24 AM
Surr: Dibromofluoromethane	101		85-115	%REC	10	03/06/12 02:46 PM
Surr: Toluene-d8	98.1		85-120	%REC	10	03/06/12 02:46 PM
Surr: Toluene-d8	97.0		85-120	%REC	1	03/06/12 11:24 AM
FLASHPOINT, P-M CLOSED-CUP			D93			Analyst: MB
Flashpoint, P-M Closed-cup	>140			°F	1	03/05/12 03:00 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CD-B05-W01-022312
Collection Date: 02/23/12 01:13 PM

Work Order: 1202725
Lab ID: 1202725-01
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			SW9040			Analyst: MB
pH	8.64			s.u.	1	02/25/12 11:20 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202725

Sample ID: CD-B04-W01-022312

Lab ID: 1202725-02

Collection Date: 02/23/12 03:03 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 03/01/12	Analyst: JD
2,4,5-T	ND		0.0010	mg/L	1	03/05/12 05:09 AM
2,4,5-TP (Silvex)	ND		0.0020	mg/L	1	03/05/12 05:09 AM
2,4-D	ND		0.0020	mg/L	1	03/05/12 05:09 AM
Surr: DCAA	76.8		30-150	%REC	1	03/05/12 05:09 AM
PCBS			SW8082		Prep Date: 02/28/12	Analyst: JD
Aroclor 1016	ND		0.00040	mg/L	1	03/01/12 11:49 PM
Aroclor 1221	ND		0.00040	mg/L	1	03/01/12 11:49 PM
Aroclor 1232	ND		0.00040	mg/L	1	03/01/12 11:49 PM
Aroclor 1242	ND		0.00040	mg/L	1	03/01/12 11:49 PM
Aroclor 1248	ND		0.00040	mg/L	1	03/01/12 11:49 PM
Aroclor 1254	0.00052		0.00040	mg/L	1	03/01/12 11:49 PM
Aroclor 1260	ND		0.00040	mg/L	1	03/01/12 11:49 PM
Surr: Decachlorobiphenyl	82.0		40-140	%REC	1	03/01/12 11:49 PM
PESTICIDES			SW8081		Prep Date: 02/28/12	Analyst: JD
4,4'-DDD	ND		0.00010	mg/L	5	03/02/12 12:46 AM
4,4'-DDE	ND		0.00010	mg/L	5	03/02/12 12:46 AM
4,4'-DDT	ND		0.00010	mg/L	5	03/02/12 12:46 AM
Aldrin	ND		0.000050	mg/L	5	03/02/12 12:46 AM
alpha-BHC	ND		0.000050	mg/L	5	03/02/12 12:46 AM
alpha-Chlordane	ND		0.00010	mg/L	5	03/02/12 12:46 AM
beta-BHC	ND		0.000050	mg/L	5	03/02/12 12:46 AM
Chlordane, Technical	ND		0.0025	mg/L	5	03/02/12 12:46 AM
delta-BHC	ND		0.000050	mg/L	5	03/02/12 12:46 AM
Dieldrin	ND		0.00010	mg/L	5	03/02/12 12:46 AM
Endosulfan I	ND		0.00010	mg/L	5	03/02/12 12:46 AM
Endosulfan II	ND		0.00010	mg/L	5	03/02/12 12:46 AM
Endosulfan sulfate	ND		0.00010	mg/L	5	03/02/12 12:46 AM
Endrin	ND		0.00010	mg/L	5	03/02/12 12:46 AM
Endrin aldehyde	ND		0.00010	mg/L	5	03/02/12 12:46 AM
Endrin ketone	ND		0.00010	mg/L	5	03/02/12 12:46 AM
gamma-BHC (Lindane)	ND		0.000050	mg/L	5	03/02/12 12:46 AM
gamma-Chlordane	ND		0.00010	mg/L	5	03/02/12 12:46 AM
Heptachlor	ND		0.000050	mg/L	5	03/02/12 12:46 AM
Heptachlor epoxide	ND		0.000050	mg/L	5	03/02/12 12:46 AM
Hexachlorobenzene	ND		0.000050	mg/L	5	03/02/12 12:46 AM
Methoxychlor	ND		0.00020	mg/L	5	03/02/12 12:46 AM
Toxaphene	ND		0.010	mg/L	5	03/02/12 12:46 AM
Surr: Decachlorobiphenyl	55.0		30-145	%REC	5	03/02/12 12:46 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CD-B04-W01-022312
Collection Date: 02/23/12 03:03 PM

Work Order: 1202725
Lab ID: 1202725-02
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Tetrachloro-m-xylene</i>	55.0		25-140	%REC	5	03/02/12 12:46 AM
MERCURY BY CVAA			SW7470		Prep Date: 03/01/12	Analyst: LR
Mercury	0.00035		0.00020	mg/L	1	03/01/12 02:51 PM
METALS BY ICP-MS			SW6020A		Prep Date: 03/01/12	Analyst: RH
Aluminum	15		1.0	mg/L	100	03/05/12 07:47 PM
Antimony	0.30		0.0050	mg/L	1	03/06/12 04:12 AM
Arsenic	0.037		0.0050	mg/L	1	03/06/12 04:12 AM
Barium	6.4		0.50	mg/L	100	03/05/12 07:47 PM
Beryllium	ND		0.0020	mg/L	1	03/06/12 04:12 AM
Boron	270		2.0	mg/L	100	03/06/12 12:10 AM
Cadmium	0.035		0.0020	mg/L	1	03/06/12 04:12 AM
Calcium	74		0.50	mg/L	1	03/06/12 04:12 AM
Chromium	0.060		0.0050	mg/L	1	03/06/12 04:12 AM
Cobalt	0.67		0.0050	mg/L	1	03/06/12 04:12 AM
Copper	1.2		0.0050	mg/L	1	03/06/12 04:12 AM
Iron	22		0.080	mg/L	1	03/06/12 04:12 AM
Lead	1.8		0.50	mg/L	100	03/05/12 07:47 PM
Magnesium	47		0.20	mg/L	1	03/06/12 04:12 AM
Manganese	1.4		0.0050	mg/L	1	03/06/12 04:12 AM
Nickel	0.87		0.0050	mg/L	1	03/06/12 04:12 AM
Potassium	90		0.20	mg/L	1	03/06/12 04:12 AM
Selenium	ND		0.0050	mg/L	1	03/06/12 04:12 AM
Silver	0.0077		0.0050	mg/L	1	03/06/12 04:12 AM
Sodium	660		20	mg/L	100	03/05/12 07:47 PM
Thallium	ND		0.0050	mg/L	1	03/06/12 04:12 AM
Vanadium	0.029		0.0050	mg/L	1	03/06/12 04:12 AM
Zinc	2.8		1.0	mg/L	100	03/05/12 07:47 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 02/28/12	Analyst: HL
1,1'-Biphenyl	ND		0.0050	mg/L	1	03/01/12 06:02 PM
2,4,5-Trichlorophenol	ND		0.0050	mg/L	1	03/01/12 06:02 PM
2,4,6-Trichlorophenol	ND		0.0050	mg/L	1	03/01/12 06:02 PM
2,4-Dichlorophenol	ND		0.010	mg/L	1	03/01/12 06:02 PM
2,4-Dimethylphenol	ND		0.0050	mg/L	1	03/01/12 06:02 PM
2,4-Dinitrophenol	ND		0.0050	mg/L	1	03/01/12 06:02 PM
2,4-Dinitrotoluene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
2,6-Dinitrotoluene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
2-Chloronaphthalene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
2-Chlorophenol	ND		0.0050	mg/L	1	03/01/12 06:02 PM
2-Methylnaphthalene	ND		0.0050	mg/L	1	03/01/12 06:02 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202725

Sample ID: CD-B04-W01-022312

Lab ID: 1202725-02

Collection Date: 02/23/12 03:03 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Methylphenol	ND		0.0050	mg/L	1	03/01/12 06:02 PM
2-Nitroaniline	ND		0.020	mg/L	1	03/01/12 06:02 PM
2-Nitrophenol	ND		0.0050	mg/L	1	03/01/12 06:02 PM
3,3'-Dichlorobenzidine	ND		0.0050	mg/L	1	03/01/12 06:02 PM
3-Nitroaniline	ND		0.020	mg/L	1	03/01/12 06:02 PM
4,6-Dinitro-2-methylphenol	ND		0.020	mg/L	1	03/01/12 06:02 PM
4-Bromophenyl phenyl ether	ND		0.0050	mg/L	1	03/01/12 06:02 PM
4-Chloro-3-methylphenol	ND		0.0050	mg/L	1	03/01/12 06:02 PM
4-Chloroaniline	ND		0.020	mg/L	1	03/01/12 06:02 PM
4-Chlorophenyl phenyl ether	ND		0.0050	mg/L	1	03/01/12 06:02 PM
4-Methylphenol	ND		0.0050	mg/L	1	03/01/12 06:02 PM
4-Nitroaniline	ND		0.020	mg/L	1	03/01/12 06:02 PM
4-Nitrophenol	ND		0.020	mg/L	1	03/01/12 06:02 PM
Acenaphthene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Acenaphthylene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Acetophenone	ND		0.0010	mg/L	1	03/01/12 06:02 PM
Anthracene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Atrazine	ND		0.010	mg/L	1	03/01/12 06:02 PM
Benzaldehyde	ND		0.0010	mg/L	1	03/01/12 06:02 PM
Benzo(a)anthracene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Benzo(a)pyrene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Benzo(b)fluoranthene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Benzo(g,h,i)perylene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Benzo(k)fluoranthene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Bis(2-chloroethoxy)methane	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Bis(2-chloroethyl)ether	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Bis(2-chloroisopropyl)ether	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Bis(2-ethylhexyl)phthalate	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Butyl benzyl phthalate	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Caprolactam	ND		0.010	mg/L	1	03/01/12 06:02 PM
Carbazole	ND		0.010	mg/L	1	03/01/12 06:02 PM
Chrysene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Dibenzo(a,h)anthracene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Dibenzofuran	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Diethyl phthalate	ND		0.020	mg/L	1	03/01/12 06:02 PM
Dimethyl phthalate	ND		0.020	mg/L	1	03/01/12 06:02 PM
Di-n-butyl phthalate	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Di-n-octyl phthalate	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Fluoranthene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Fluorene	ND		0.0050	mg/L	1	03/01/12 06:02 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202725

Sample ID: CD-B04-W01-022312

Lab ID: 1202725-02

Collection Date: 02/23/12 03:03 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobenzene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Hexachlorobutadiene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Hexachlorocyclopentadiene	ND		0.020	mg/L	1	03/01/12 06:02 PM
Hexachloroethane	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Indeno(1,2,3-cd)pyrene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Isophorone	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Naphthalene	0.014		0.0050	mg/L	1	03/01/12 06:02 PM
Nitrobenzene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
N-Nitrosodi-n-propylamine	ND		0.0050	mg/L	1	03/01/12 06:02 PM
N-Nitrosodiphenylamine	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Pentachlorophenol	ND		0.020	mg/L	1	03/01/12 06:02 PM
Phenanthrene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Phenol	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Pyrene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
<i>Surr: 2,4,6-Tribromophenol</i>	<i>65.6</i>		<i>21-125</i>	<i>%REC</i>	1	03/01/12 06:02 PM
<i>Surr: 2-Fluorobiphenyl</i>	<i>49.4</i>		<i>36-94</i>	<i>%REC</i>	1	03/01/12 06:02 PM
<i>Surr: 2-Fluorophenol</i>	<i>32.5</i>		<i>10-75</i>	<i>%REC</i>	1	03/01/12 06:02 PM
<i>Surr: 4-Terphenyl-d14</i>	<i>58.7</i>		<i>26-119</i>	<i>%REC</i>	1	03/01/12 06:02 PM
<i>Surr: Nitrobenzene-d5</i>	<i>49.7</i>		<i>41-104</i>	<i>%REC</i>	1	03/01/12 06:02 PM
<i>Surr: Phenol-d6</i>	<i>19.9</i>		<i>11-50</i>	<i>%REC</i>	1	03/01/12 06:02 PM
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: BG
1,1,1-Trichloroethane	ND		0.0010	mg/L	1	03/06/12 11:49 AM
1,1,2,2-Tetrachloroethane	ND		0.0010	mg/L	1	03/06/12 11:49 AM
1,1,2-Trichloroethane	ND		0.0010	mg/L	1	03/06/12 11:49 AM
1,1,2-Trichlorotrifluoroethane	ND		0.0010	mg/L	1	03/06/12 11:49 AM
1,1-Dichloroethane	ND		0.0010	mg/L	1	03/06/12 11:49 AM
1,1-Dichloroethene	ND		0.0010	mg/L	1	03/06/12 11:49 AM
1,2,4-Trichlorobenzene	ND		0.0010	mg/L	1	03/06/12 11:49 AM
1,2-Dibromo-3-chloropropane	ND		0.0010	mg/L	1	03/06/12 11:49 AM
1,2-Dibromoethane	ND		0.0010	mg/L	1	03/06/12 11:49 AM
1,2-Dichlorobenzene	ND		0.0010	mg/L	1	03/06/12 11:49 AM
1,2-Dichloroethane	ND		0.0010	mg/L	1	03/06/12 11:49 AM
1,2-Dichloropropane	ND		0.0020	mg/L	1	03/06/12 11:49 AM
1,3-Dichlorobenzene	ND		0.0020	mg/L	1	03/06/12 11:49 AM
1,4-Dichlorobenzene	ND		0.0020	mg/L	1	03/06/12 11:49 AM
2-Butanone	ND		0.0050	mg/L	1	03/06/12 11:49 AM
2-Hexanone	ND		0.0050	mg/L	1	03/06/12 11:49 AM
4-Methyl-2-pentanone	ND		0.0050	mg/L	1	03/06/12 11:49 AM
Acetone	ND		0.020	mg/L	1	03/06/12 11:49 AM
Benzene	ND		0.0010	mg/L	1	03/06/12 11:49 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202725

Sample ID: CD-B04-W01-022312

Lab ID: 1202725-02

Collection Date: 02/23/12 03:03 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromodichloromethane	ND		0.0010	mg/L	1	03/06/12 11:49 AM
Bromoform	ND		0.0010	mg/L	1	03/06/12 11:49 AM
Bromomethane	ND		0.0010	mg/L	1	03/06/12 11:49 AM
Carbon disulfide	ND		0.0025	mg/L	1	03/06/12 11:49 AM
Carbon tetrachloride	ND		0.0010	mg/L	1	03/06/12 11:49 AM
Chlorobenzene	ND		0.0010	mg/L	1	03/06/12 11:49 AM
Chloroethane	ND		0.0010	mg/L	1	03/06/12 11:49 AM
Chloroform	ND		0.0010	mg/L	1	03/06/12 11:49 AM
Chloromethane	ND		0.0010	mg/L	1	03/06/12 11:49 AM
cis-1,2-Dichloroethene	ND		0.0010	mg/L	1	03/06/12 11:49 AM
cis-1,3-Dichloropropene	ND		0.0010	mg/L	1	03/06/12 11:49 AM
Cyclohexane	ND		0.0050	mg/L	1	03/06/12 11:49 AM
Dibromochloromethane	ND		0.0010	mg/L	1	03/06/12 11:49 AM
Dichlorodifluoromethane	ND		0.0010	mg/L	1	03/06/12 11:49 AM
Ethylbenzene	0.10		0.010	mg/L	10	03/06/12 03:11 PM
Isopropylbenzene	0.0025		0.0010	mg/L	1	03/06/12 11:49 AM
Methyl acetate	ND		0.0020	mg/L	1	03/06/12 11:49 AM
Methyl tert-butyl ether	ND		0.0050	mg/L	1	03/06/12 11:49 AM
Methylcyclohexane	ND		0.0050	mg/L	1	03/06/12 11:49 AM
Methylene chloride	ND		0.0050	mg/L	1	03/06/12 11:49 AM
Styrene	ND		0.0010	mg/L	1	03/06/12 11:49 AM
Tetrachloroethene	ND		0.0020	mg/L	1	03/06/12 11:49 AM
Toluene	0.0044		0.0010	mg/L	1	03/06/12 11:49 AM
trans-1,2-Dichloroethene	ND		0.0010	mg/L	1	03/06/12 11:49 AM
trans-1,3-Dichloropropene	ND		0.0010	mg/L	1	03/06/12 11:49 AM
Trichloroethene	ND		0.0010	mg/L	1	03/06/12 11:49 AM
Trichlorofluoromethane	ND		0.0010	mg/L	1	03/06/12 11:49 AM
Vinyl chloride	ND		0.0010	mg/L	1	03/06/12 11:49 AM
Xylenes, Total	0.38		0.030	mg/L	10	03/06/12 03:11 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	97.2		70-120	%REC	1	03/06/12 11:49 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	98.5		70-120	%REC	10	03/06/12 03:11 PM
<i>Surr: 4-Bromofluorobenzene</i>	101		75-120	%REC	1	03/06/12 11:49 AM
<i>Surr: 4-Bromofluorobenzene</i>	94.9		75-120	%REC	10	03/06/12 03:11 PM
<i>Surr: Dibromofluoromethane</i>	101		85-115	%REC	1	03/06/12 11:49 AM
<i>Surr: Dibromofluoromethane</i>	101		85-115	%REC	10	03/06/12 03:11 PM
<i>Surr: Toluene-d8</i>	98.3		85-120	%REC	10	03/06/12 03:11 PM
<i>Surr: Toluene-d8</i>	96.7		85-120	%REC	1	03/06/12 11:49 AM
FLASHPOINT, P-M CLOSED-CUP			D93			Analyst: MB
Flashpoint, P-M Closed-cup	>140			°F	1	03/05/12 03:00 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CD-B04-W01-022312
Collection Date: 02/23/12 03:03 PM

Work Order: 1202725
Lab ID: 1202725-02
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH pH	8.13		SW9040	s.u.	1	Analyst: MB 02/25/12 11:20 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CD-B05-W01-022312
Collection Date: 02/23/12 01:13 PM

Work Order: 1202725
Lab ID: 1202725-03
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 03/01/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	03/05/12 05:00 AM
2,4-D	ND		0.0050	mg/L	1	03/05/12 05:00 AM
Surr: DCAA	69.2		30-150	%REC	1	03/05/12 05:00 AM
TCLP PESTICIDES			SW8081		Prep Date: 02/28/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	5	03/02/12 12:31 AM
Endrin	ND		0.00050	mg/L	5	03/02/12 12:31 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	5	03/02/12 12:31 AM
Heptachlor	ND		0.00025	mg/L	5	03/02/12 12:31 AM
Methoxychlor	ND		0.0025	mg/L	5	03/02/12 12:31 AM
Toxaphene	ND		0.020	mg/L	5	03/02/12 12:31 AM
Surr: Decachlorobiphenyl	35.0		30-135	%REC	5	03/02/12 12:31 AM
Surr: Tetrachloro-m-xylene	40.0		25-140	%REC	5	03/02/12 12:31 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 03/01/12	Analyst: LR
Mercury	ND		0.00020	mg/L	1	03/01/12 02:48 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 03/01/12	Analyst: RH
Arsenic	0.0052		0.0010	mg/L	1	03/06/12 04:07 AM
Barium	0.93		0.0050	mg/L	1	03/06/12 04:07 AM
Cadmium	0.017		0.00020	mg/L	1	03/06/12 04:07 AM
Chromium	0.0094		0.0020	mg/L	1	03/06/12 04:07 AM
Lead	0.28		0.0010	mg/L	1	03/06/12 04:07 AM
Selenium	ND		0.0020	mg/L	1	03/06/12 04:07 AM
Silver	0.0011		0.00050	mg/L	1	03/06/12 04:07 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/28/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
2,4,5-Trichlorophenol	ND		0.0050	mg/L	1	03/01/12 05:35 PM
2,4,6-Trichlorophenol	ND		0.0050	mg/L	1	03/01/12 05:35 PM
2,4-Dinitrotoluene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Hexachloro-1,3-butadiene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Hexachlorobenzene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
Hexachloroethane	ND		0.0050	mg/L	1	03/01/12 05:35 PM
m-Cresol	0.043		0.0050	mg/L	1	03/01/12 05:35 PM
Nitrobenzene	ND		0.0050	mg/L	1	03/01/12 05:35 PM
o-Cresol	0.0068		0.0050	mg/L	1	03/01/12 05:35 PM
p-Cresol	0.043		0.0050	mg/L	1	03/01/12 05:35 PM
Pentachlorophenol	ND		0.020	mg/L	1	03/01/12 05:35 PM
Pyridine	ND		0.020	mg/L	1	03/01/12 05:35 PM
Surr: 2,4,6-Tribromophenol	68.2		21-125	%REC	1	03/01/12 05:35 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc
Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps
Sample ID: CD-B05-W01-022312
Collection Date: 02/23/12 01:13 PM

Work Order: 1202725
Lab ID: 1202725-03
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	55.4		39-94	%REC	1	03/01/12 05:35 PM
<i>Surr: 2-Fluorophenol</i>	39.8		10-75	%REC	1	03/01/12 05:35 PM
<i>Surr: 4-Terphenyl-d14</i>	53.9		26-119	%REC	1	03/01/12 05:35 PM
<i>Surr: Nitrobenzene-d5</i>	60.0		41-104	%REC	1	03/01/12 05:35 PM
<i>Surr: Phenol-d6</i>	25.1		11-50	%REC	1	03/01/12 05:35 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/27/12	Analyst: BG
1,1-Dichloroethene	ND		0.0010	mg/L	1	03/06/12 11:24 AM
1,2-Dichloroethane	ND		0.0010	mg/L	1	03/06/12 11:24 AM
2-Butanone	ND		0.010	mg/L	1	03/06/12 11:24 AM
Benzene	0.0011		0.0010	mg/L	1	03/06/12 11:24 AM
Carbon tetrachloride	ND		0.0010	mg/L	1	03/06/12 11:24 AM
Chlorobenzene	ND		0.0010	mg/L	1	03/06/12 11:24 AM
Chloroform	ND		0.0010	mg/L	1	03/06/12 11:24 AM
Tetrachloroethene	ND		0.0010	mg/L	1	03/06/12 11:24 AM
Trichloroethene	ND		0.0010	mg/L	1	03/06/12 11:24 AM
Vinyl chloride	ND		0.0010	mg/L	1	03/06/12 11:24 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	96.0		70-130	%REC	1	03/06/12 11:24 AM
<i>Surr: 4-Bromofluorobenzene</i>	98.5		70-130	%REC	1	03/06/12 11:24 AM
<i>Surr: Dibromofluoromethane</i>	99.4		70-130	%REC	1	03/06/12 11:24 AM
<i>Surr: Toluene-d8</i>	97.0		70-130	%REC	1	03/06/12 11:24 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202725

Sample ID: CD-B04-W01-022312

Lab ID: 1202725-04

Collection Date: 02/23/12 03:03 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 03/01/12	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	03/05/12 05:09 AM
2,4-D	ND		0.0050	mg/L	1	03/05/12 05:09 AM
Surr: DCAA	76.8		30-150	%REC	1	03/05/12 05:09 AM
TCLP PESTICIDES			SW8081		Prep Date: 02/28/12	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	5	03/02/12 12:46 AM
Endrin	ND		0.00050	mg/L	5	03/02/12 12:46 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	5	03/02/12 12:46 AM
Heptachlor	ND		0.00025	mg/L	5	03/02/12 12:46 AM
Methoxychlor	ND		0.0025	mg/L	5	03/02/12 12:46 AM
Toxaphene	ND		0.020	mg/L	5	03/02/12 12:46 AM
Surr: Decachlorobiphenyl	55.0		30-135	%REC	5	03/02/12 12:46 AM
Surr: Tetrachloro-m-xylene	55.0		25-140	%REC	5	03/02/12 12:46 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 03/01/12	Analyst: LR
Mercury	0.00035		0.00020	mg/L	1	03/01/12 02:51 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 03/01/12	Analyst: RH
Arsenic	0.037		0.0010	mg/L	1	03/06/12 04:12 AM
Barium	6.4		0.50	mg/L	100	03/05/12 07:47 PM
Cadmium	0.035		0.00020	mg/L	1	03/06/12 04:12 AM
Chromium	0.060		0.0020	mg/L	1	03/06/12 04:12 AM
Lead	1.8		0.10	mg/L	100	03/05/12 07:47 PM
Selenium	ND		0.0020	mg/L	1	03/06/12 04:12 AM
Silver	0.0077		0.00050	mg/L	1	03/06/12 04:12 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 02/28/12	Analyst: HL
1,4-Dichlorobenzene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
2,4,5-Trichlorophenol	ND		0.0050	mg/L	1	03/01/12 06:02 PM
2,4,6-Trichlorophenol	ND		0.0050	mg/L	1	03/01/12 06:02 PM
2,4-Dinitrotoluene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Hexachloro-1,3-butadiene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Hexachlorobenzene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Hexachloroethane	ND		0.0050	mg/L	1	03/01/12 06:02 PM
m-Cresol	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Nitrobenzene	ND		0.0050	mg/L	1	03/01/12 06:02 PM
o-Cresol	ND		0.0050	mg/L	1	03/01/12 06:02 PM
p-Cresol	ND		0.0050	mg/L	1	03/01/12 06:02 PM
Pentachlorophenol	ND		0.020	mg/L	1	03/01/12 06:02 PM
Pyridine	ND		0.020	mg/L	1	03/01/12 06:02 PM
Surr: 2,4,6-Tribromophenol	65.6		21-125	%REC	1	03/01/12 06:02 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202725

Sample ID: CD-B04-W01-022312

Lab ID: 1202725-04

Collection Date: 02/23/12 03:03 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	49.4		39-94	%REC	1	03/01/12 06:02 PM
<i>Surr: 2-Fluorophenol</i>	32.5		10-75	%REC	1	03/01/12 06:02 PM
<i>Surr: 4-Terphenyl-d14</i>	58.7		26-119	%REC	1	03/01/12 06:02 PM
<i>Surr: Nitrobenzene-d5</i>	49.7		41-104	%REC	1	03/01/12 06:02 PM
<i>Surr: Phenol-d6</i>	19.9		11-50	%REC	1	03/01/12 06:02 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 02/27/12	Analyst: BG
1,1-Dichloroethene	ND		0.0010	mg/L	1	03/06/12 11:49 AM
1,2-Dichloroethane	ND		0.0010	mg/L	1	03/06/12 11:49 AM
2-Butanone	ND		0.010	mg/L	1	03/06/12 11:49 AM
Benzene	ND		0.0010	mg/L	1	03/06/12 11:49 AM
Carbon tetrachloride	ND		0.0010	mg/L	1	03/06/12 11:49 AM
Chlorobenzene	ND		0.0010	mg/L	1	03/06/12 11:49 AM
Chloroform	ND		0.0010	mg/L	1	03/06/12 11:49 AM
Tetrachloroethene	ND		0.0010	mg/L	1	03/06/12 11:49 AM
Trichloroethene	ND		0.0010	mg/L	1	03/06/12 11:49 AM
Vinyl chloride	ND		0.0010	mg/L	1	03/06/12 11:49 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	97.2		70-130	%REC	1	03/06/12 11:49 AM
<i>Surr: 4-Bromofluorobenzene</i>	101		70-130	%REC	1	03/06/12 11:49 AM
<i>Surr: Dibromofluoromethane</i>	101		70-130	%REC	1	03/06/12 11:49 AM
<i>Surr: Toluene-d8</i>	96.7		70-130	%REC	1	03/06/12 11:49 AM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202725

Sample ID: Trip Blank #1

Lab ID: 1202725-05

Collection Date: 02/23/12

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	03/05/12 08:40 PM
1,1,2,2-Tetrachloroethane	ND		0.0010	mg/L	1	03/05/12 08:40 PM
1,1,2-Trichloroethane	ND		0.0010	mg/L	1	03/05/12 08:40 PM
1,1,2-Trichlorotrifluoroethane	ND		0.0010	mg/L	1	03/05/12 08:40 PM
1,1-Dichloroethane	ND		0.0010	mg/L	1	03/05/12 08:40 PM
1,1-Dichloroethene	ND		0.0010	mg/L	1	03/05/12 08:40 PM
1,2,4-Trichlorobenzene	ND		0.0010	mg/L	1	03/05/12 08:40 PM
1,2-Dibromo-3-chloropropane	ND		0.0010	mg/L	1	03/05/12 08:40 PM
1,2-Dibromoethane	ND		0.0010	mg/L	1	03/05/12 08:40 PM
1,2-Dichlorobenzene	ND		0.0010	mg/L	1	03/05/12 08:40 PM
1,2-Dichloroethane	ND		0.0010	mg/L	1	03/05/12 08:40 PM
1,2-Dichloropropane	ND		0.0020	mg/L	1	03/05/12 08:40 PM
1,3-Dichlorobenzene	ND		0.0020	mg/L	1	03/05/12 08:40 PM
1,4-Dichlorobenzene	ND		0.0020	mg/L	1	03/05/12 08:40 PM
2-Butanone	ND		0.0050	mg/L	1	03/05/12 08:40 PM
2-Hexanone	ND		0.0050	mg/L	1	03/05/12 08:40 PM
4-Methyl-2-pentanone	ND		0.0050	mg/L	1	03/05/12 08:40 PM
Acetone	ND		0.020	mg/L	1	03/05/12 08:40 PM
Benzene	ND		0.0010	mg/L	1	03/05/12 08:40 PM
Bromodichloromethane	ND		0.0010	mg/L	1	03/05/12 08:40 PM
Bromoform	ND		0.0010	mg/L	1	03/05/12 08:40 PM
Bromomethane	ND		0.0010	mg/L	1	03/05/12 08:40 PM
Carbon disulfide	ND		0.0025	mg/L	1	03/05/12 08:40 PM
Carbon tetrachloride	ND		0.0010	mg/L	1	03/05/12 08:40 PM
Chlorobenzene	ND		0.0010	mg/L	1	03/05/12 08:40 PM
Chloroethane	ND		0.0010	mg/L	1	03/05/12 08:40 PM
Chloroform	ND		0.0010	mg/L	1	03/05/12 08:40 PM
Chloromethane	ND		0.0010	mg/L	1	03/05/12 08:40 PM
cis-1,2-Dichloroethene	ND		0.0010	mg/L	1	03/05/12 08:40 PM
cis-1,3-Dichloropropene	ND		0.0010	mg/L	1	03/05/12 08:40 PM
Cyclohexane	ND		0.0050	mg/L	1	03/05/12 08:40 PM
Dibromochloromethane	ND		0.0010	mg/L	1	03/05/12 08:40 PM
Dichlorodifluoromethane	ND		0.0010	mg/L	1	03/05/12 08:40 PM
Ethylbenzene	ND		0.0010	mg/L	1	03/05/12 08:40 PM
Isopropylbenzene	ND		0.0010	mg/L	1	03/05/12 08:40 PM
Methyl acetate	ND		0.0020	mg/L	1	03/05/12 08:40 PM
Methyl tert-butyl ether	ND		0.0050	mg/L	1	03/05/12 08:40 PM
Methylcyclohexane	ND		0.0050	mg/L	1	03/05/12 08:40 PM
Methylene chloride	ND		0.0050	mg/L	1	03/05/12 08:40 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202725

Sample ID: Trip Blank #1

Lab ID: 1202725-05

Collection Date: 02/23/12

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		0.0010	mg/L	1	03/05/12 08:40 PM
Tetrachloroethene	ND		0.0020	mg/L	1	03/05/12 08:40 PM
Toluene	ND		0.0010	mg/L	1	03/05/12 08:40 PM
trans-1,2-Dichloroethene	ND		0.0010	mg/L	1	03/05/12 08:40 PM
trans-1,3-Dichloropropene	ND		0.0010	mg/L	1	03/05/12 08:40 PM
Trichloroethene	ND		0.0010	mg/L	1	03/05/12 08:40 PM
Trichlorofluoromethane	ND		0.0010	mg/L	1	03/05/12 08:40 PM
Vinyl chloride	ND		0.0010	mg/L	1	03/05/12 08:40 PM
Xylenes, Total	ND		0.0030	mg/L	1	03/05/12 08:40 PM
Surr: 1,2-Dichloroethane-d4	98.8		70-120	%REC	1	03/05/12 08:40 PM
Surr: 4-Bromofluorobenzene	98.0		75-120	%REC	1	03/05/12 08:40 PM
Surr: Dibromofluoromethane	100		85-115	%REC	1	03/05/12 08:40 PM
Surr: Toluene-d8	99.2		85-120	%REC	1	03/05/12 08:40 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202725

Sample ID: Trip Blank #2

Lab ID: 1202725-06

Collection Date: 02/23/12

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	03/05/12 08:15 PM
1,1,2,2-Tetrachloroethane	ND		0.0010	mg/L	1	03/05/12 08:15 PM
1,1,2-Trichloroethane	ND		0.0010	mg/L	1	03/05/12 08:15 PM
1,1,2-Trichlorotrifluoroethane	ND		0.0010	mg/L	1	03/05/12 08:15 PM
1,1-Dichloroethane	ND		0.0010	mg/L	1	03/05/12 08:15 PM
1,1-Dichloroethene	ND		0.0010	mg/L	1	03/05/12 08:15 PM
1,2,4-Trichlorobenzene	ND		0.0010	mg/L	1	03/05/12 08:15 PM
1,2-Dibromo-3-chloropropane	ND		0.0010	mg/L	1	03/05/12 08:15 PM
1,2-Dibromoethane	ND		0.0010	mg/L	1	03/05/12 08:15 PM
1,2-Dichlorobenzene	ND		0.0010	mg/L	1	03/05/12 08:15 PM
1,2-Dichloroethane	ND		0.0010	mg/L	1	03/05/12 08:15 PM
1,2-Dichloropropane	ND		0.0020	mg/L	1	03/05/12 08:15 PM
1,3-Dichlorobenzene	ND		0.0020	mg/L	1	03/05/12 08:15 PM
1,4-Dichlorobenzene	ND		0.0020	mg/L	1	03/05/12 08:15 PM
2-Butanone	ND		0.0050	mg/L	1	03/05/12 08:15 PM
2-Hexanone	ND		0.0050	mg/L	1	03/05/12 08:15 PM
4-Methyl-2-pentanone	ND		0.0050	mg/L	1	03/05/12 08:15 PM
Acetone	ND		0.020	mg/L	1	03/05/12 08:15 PM
Benzene	ND		0.0010	mg/L	1	03/05/12 08:15 PM
Bromodichloromethane	ND		0.0010	mg/L	1	03/05/12 08:15 PM
Bromoform	ND		0.0010	mg/L	1	03/05/12 08:15 PM
Bromomethane	ND		0.0010	mg/L	1	03/05/12 08:15 PM
Carbon disulfide	ND		0.0025	mg/L	1	03/05/12 08:15 PM
Carbon tetrachloride	ND		0.0010	mg/L	1	03/05/12 08:15 PM
Chlorobenzene	ND		0.0010	mg/L	1	03/05/12 08:15 PM
Chloroethane	ND		0.0010	mg/L	1	03/05/12 08:15 PM
Chloroform	ND		0.0010	mg/L	1	03/05/12 08:15 PM
Chloromethane	ND		0.0010	mg/L	1	03/05/12 08:15 PM
cis-1,2-Dichloroethene	ND		0.0010	mg/L	1	03/05/12 08:15 PM
cis-1,3-Dichloropropene	ND		0.0010	mg/L	1	03/05/12 08:15 PM
Cyclohexane	ND		0.0050	mg/L	1	03/05/12 08:15 PM
Dibromochloromethane	ND		0.0010	mg/L	1	03/05/12 08:15 PM
Dichlorodifluoromethane	ND		0.0010	mg/L	1	03/05/12 08:15 PM
Ethylbenzene	ND		0.0010	mg/L	1	03/05/12 08:15 PM
Isopropylbenzene	ND		0.0010	mg/L	1	03/05/12 08:15 PM
Methyl acetate	ND		0.0020	mg/L	1	03/05/12 08:15 PM
Methyl tert-butyl ether	ND		0.0050	mg/L	1	03/05/12 08:15 PM
Methylcyclohexane	ND		0.0050	mg/L	1	03/05/12 08:15 PM
Methylene chloride	ND		0.0050	mg/L	1	03/05/12 08:15 PM

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

ALS Group USA, Corp

Date: 07-Mar-12

Client: Weston Solutions, Inc

Project: 20405.016.001.17XX.00/ E Sandusky Co Dumps

Work Order: 1202725

Sample ID: Trip Blank #2

Lab ID: 1202725-06

Collection Date: 02/23/12

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		0.0010	mg/L	1	03/05/12 08:15 PM
Tetrachloroethene	ND		0.0020	mg/L	1	03/05/12 08:15 PM
Toluene	ND		0.0010	mg/L	1	03/05/12 08:15 PM
trans-1,2-Dichloroethene	ND		0.0010	mg/L	1	03/05/12 08:15 PM
trans-1,3-Dichloropropene	ND		0.0010	mg/L	1	03/05/12 08:15 PM
Trichloroethene	ND		0.0010	mg/L	1	03/05/12 08:15 PM
Trichlorofluoromethane	ND		0.0010	mg/L	1	03/05/12 08:15 PM
Vinyl chloride	ND		0.0010	mg/L	1	03/05/12 08:15 PM
Xylenes, Total	ND		0.0030	mg/L	1	03/05/12 08:15 PM
Surr: 1,2-Dichloroethane-d4	99.0		70-120	%REC	1	03/05/12 08:15 PM
Surr: 4-Bromofluorobenzene	97.5		75-120	%REC	1	03/05/12 08:15 PM
Surr: Dibromofluoromethane	101		85-115	%REC	1	03/05/12 08:15 PM
Surr: Toluene-d8	99.1		85-120	%REC	1	03/05/12 08:15 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



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



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)
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



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