



UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION V
RESPONSE SECTION 1
25063 CENTER RIDGE ROAD
WESTLAKE, OHIO

**Whirlpool Park Site, Green Springs, Ohio
Interim Site Assessment Report**

This Interim Site Assessment Report was written based on observations made and sample data collected by EPA's contractor, Weston Solutions, Inc. (Weston), who provided oversight during the Site Assessment conducted by Whirlpool Corporation. This report is being provided to provide the community with information concerning the site assessment.

In addition to EPA oversight with Weston, HzW Environmental Consultants, LLC (HzW), represented the current property owner and collected split samples during the site assessment.

As EPA only collected a subset of split samples (approximately 5% in total) during the site assessment, no conclusions or future remedial actions for the former Whirlpool Park property are proposed in this report. Once the final report from the contractor hired by Whirlpool Corporation to conduct the site assessment is received, EPA will compare the analytical samples from the split samples collected and review all the sample data, including the data collected by HzW in order to determine the appropriate actions needed.

**INTERIM SITE ASSESSMENT REPORT
FOR
WHIRLPOOL PARK SITE
GREEN SPRINGS, SANDUSKY COUNTY, OHIO**

NPL STATUS: NON-NPL

Prepared for:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Emergency Response Branch
Region V
25063 Center Ridge Road
Westlake, OH 44145

Prepared by:

WESTON SOLUTIONS, INC.
6779 Engle Road
Suites I & J
Middleburg Heights, OH 44130

REVISION 1

Date Prepared:	August 16, 2013
Technical Direction Document No.:	S05-0001-1212-006
Document Control No.	2062-2A-BIGC
Contract No.:	EP-S5-06-04
WESTON START Project Manager:	TJ McFarland
Telephone No.:	(440) 202-2802
U.S. EPA On-Scene Coordinator:	Stephen Wolfe

**INTERIM SITE ASSESSMENT REPORT
FOR
WHIRLPOOL PARK SITE
GREEN SPRINGS, SANDUSKY COUNTY, OHIO**

NPL STATUS: NON-NPL


Prepared for:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Emergency Response Branch
Region V
25063 Center Ridge Road
Westlake, OH 44145

Prepared by:

WESTON SOLUTIONS, INC.
6779 Engle Road
Suites I & J
Middleburg Heights, OH 44130

August 16, 2013

Prepared by:  _____ Date: August 16, 2013
Andy Kiel
WESTON START Site Lead

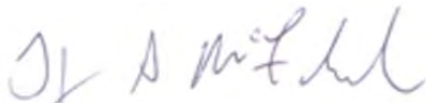
Reviewed by:  _____ Date: August 16, 2013
TJ S. McFarland
WESTON START Project Manager

TABLE OF CONTENTS

1.	INTRODUCTION.....	1
2.	SITE BACKGROUND.....	2
2.1	SITE DESCRIPTION.....	2
2.2	SITE HISTORY.....	2
3.	OVERSIGHT OF PRP SITE ASSESSMENT ACTIVITIES.....	4
3.1	IDENTIFIED AREA #1 (IA#1) – EXPOSURE UNIT #1 (EU#1) - FORMER EAST RAVINE.....	4
3.2	IA#1 – EU#2 - FLAG RUN CREEK.....	6
3.3	IA#2 – EU#1 - SOIL STOCKPILES.....	6
3.4	IA#2 – EU#2 – MILL RACE CREEK.....	7
3.5	IA#3 – EU#1 - FILL AREA.....	7
3.6	IA#3 – EU#2 – FLAG RUN CREEK.....	9
3.7	AST FILTERS.....	9
3.8	SHED FILTERS.....	9
3.9	ADJACENT PROPERTIES.....	10
4.	SUMMARY OF SPLIT SAMPLES COLLECTED.....	10
4.1	SOIL SAMPLES.....	10
4.2	WATER SAMPLES.....	11
4.3	SEDIMENT SAMPLES.....	11
4.4	FILTER MEDIA SAMPLE.....	12

LIST OF FIGURES

- Figure 1** Site Location Map
Figure 2 Site Features Map

LIST OF TABLES

- Table 1** Soil Analytical Results – Volatile Organic Compounds and Semi-Volatile Organic Compounds
Table 2 Soil Analytical Results – Metals, Pesticides, Herbicides and Polychlorinated Biphenyls
Table 3 Soil Analytical Results – Toxicity Characteristic Leaching Procedure
Table 4 Surface and Groundwater Analytical Results – Volatile Organic Compounds and Semi-Volatile Organic Compounds
Table 5 Surface and Groundwater Analytical Results – Metals, Pesticides, Herbicides and Polychlorinated Biphenyls
Table 6 Surface and Groundwater Analytical Results – Toxicity Characteristic Leaching Procedure
Table 7 Sediment Analytical Results – Volatile Organic Compounds and Semi-Volatile Organic Compounds
Table 8 Sediment Analytical Results – Metals, Pesticides, Herbicides and Polychlorinated Biphenyls
Table 9 Sediment Analytical Results – Toxicity Characteristic Leaching Procedure
Table 10 Filter Media Analytical Results – Volatile Organic Compounds and Semi-Volatile Organic Compounds
Table 11 Filter Media Analytical Results – Metals, Pesticides, Herbicides and Polychlorinated Biphenyls
Table 12 Filter Media Analytical Results – Toxicity Characteristic Leaching Procedure

LIST OF APPENDICES

- Appendix A** Photographic Documentation
Appendix B Laboratory Analytical Reports
Appendix C Analytical Data Validation Reports

LIST OF ABBREVIATIONS AND ACRONYMS

AECOM	AECOM Technical Services
AST	Aboveground storage tank
bgs	Below grade surface
EPA	U.S. Environmental Protection Agency
ERB	Emergency Response Branch
EU	Exposure unit
FWP	Former Whirlpool Park
IA	Identified area
Mg/kg	Milligram per kilogram
MI	Michigan
OAC	Ohio Administrative Code
OH	Ohio
Ohio EPA	Ohio Environmental Protection Agency
OSC	On-Scene Coordinator
PCB	Polychlorinated biphenyl
PRP	Potentially responsible party
RSL	Regional Screening Level
SA	Site assessment
Site	Former Whirlpool Park Site, Green Springs, Sandusky County, OH
SOP	Standard operating procedure
START	Superfund Technical Assessment and Response Team
SVOC	Semivolatile organic compound
TAL	Total analyte list
TCLP	Toxicity Characteristic Leaching Procedure
TSCA	Toxic Substances Control Act
VAP	Voluntary Action Plan
VOC	Volatile organic compound
WESTON	Weston Solutions, Inc.

1. INTRODUCTION

The U.S. Environmental Protection Agency Region V Emergency Response Branch (ERB) tasked the Weston Solutions, Inc. (WESTON®) Superfund Technical Assessment and Response Team (START) to assist in performing oversight of PRP site assessment (SA) activities at the Former Whirlpool Park (FWP) Site in Green Springs, Sandusky County, OH (the Site) (see **Figure 1**). Specifically, under Technical Direction Document No. S05-0001-1212-006, the EPA instructed START to conduct the following activities:

- Oversee potentially responsible party (PRP) contractor SA and sampling activities and ensure activities are conducted in accordance with the approved *Final Draft VAP Phase II Work Plan* dated April 17, 2013.
- Collect periodic split samples for laboratory analysis.
- Provide written and photographic documentation of Site conditions and SA activities.

START mobilized to the Site under the direction of EPA On-Scene Coordinator (OSC) Stephen Wolfe and conducted the SA tasks from May 20, 2013, to June 24, 2013.

This SA report is organized into the following sections:

- **Section 1, Introduction** – Provides a brief description of the objectives and scope of SA activities.
- **Section 2, Site Background** – Discusses the Site description and history.
- **Section 3, Site Assessment Activities** – Discusses the methods and procedures used during sampling.
- **Section 4, Analytical Results** – Discusses analytical results for samples collected.

Figures and tables are presented following the report text. In addition, this report contains three appendices. **Appendix A** presents photographic documentation of Site conditions and SA activities. **Appendix B** presents the laboratory analytical reports. **Appendix C** presents the analytical data validation reports.

2. SITE BACKGROUND

This section discusses the Site description and history.

2.1 SITE DESCRIPTION

The Site is located approximately one mile north of Green Springs, Sandusky County, OH (Figure 1). The Site consists of a 27 acre parcel with the main southern area consisting of a 20-acre triangle and the remaining seven acres a wooded, narrow strip of land extending to the north along Flag Run Creek. The Site is situated in a rural area of southern Sandusky County in a region used mostly for agricultural purposes. The Site was owned and operated by the Whirlpool Corporation as an employee park from the 1950s to the 2000s. As such, some of the characteristics of the former employee park remain on the Site, including the parking lot, swimming pool, pool house, concession stand, tennis courts, basketball court, walkways, and bridges (Figure 2).

From the early 1800s until the 1930s a grist mill operated on the northern portion of the property until it burned down and was subsequently demolished in place.

2.2 SITE HISTORY

Fourteen sites were originally selected for investigation by EPA in an area of Sandusky County surrounding the city of Clyde, OH. These sites were identified in a previous study entitled *Childhood Cancer among Residents of Eastern Sandusky County* (October 30, 2009), conducted by the Ohio Environmental Protection Agency (Ohio EPA) and the Ohio Department of Health as candidate sites for further investigation.

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

The hotline complaint included information that the Whirlpool Corporation filled in the area immediately surrounding and under the basketball court in the southeast corner of the Former Whirlpool Park Site. The fill material was described as black sludge-like material. Whirlpool sold the FWP property to the current owner, in 2008. The new property owner intends to build a residential property on the land. On June 15, 2012, EPA and START conducted initial SA activities at the Site under TDD S05-0001-1111-033. As part of the initial SA activities, START completed six soil borings from 8 to 16 feet below ground surface (ft bgs) near the existing tennis courts and basketball courts. Results indicated that the subsurface materials consist of a thin veneer of topsoil and/or sandy silt at the surface underlain by brown silty clay and brown glacial till to the maximum depth explored of 16 ft bgs. Fill material was encountered at three of the four boring locations around the basketball court, ranging from two to nine feet thick with a maximum depth of 11 ft bgs. Analytical results indicated that polychlorinated biphenyls (PCBs), cobalt, and nickel were detected at levels exceeding EPA Regional Screening Levels (RSLs) for residential properties. PCBs were detected in soil samples obtained from the 0- to 12-ft-depth range with six samples exhibiting PCB concentrations above the Toxic Substances Control Act (TSCA) High Occupancy Remediation standard of 1 milligram per kilogram (mg/kg), of which two samples exhibited PCB concentrations above the TSCA remediation waste threshold of 50 mg/kg.

As a result of the findings from the initial SA conducted at the Site, the Whirlpool Corporation contracted the services of AECOM Technical Services (AECOM) to further characterize the Site. AECOM developed a Voluntary Action Program (VAP) Phase II Property Assessment Work Plan for a multi-media environmental assessment of the Site. This work plan was prepared in general accordance with the Ohio EPA VAP Rule 7, Ohio Administrative Code (OAC) 3745-300-07. A Supplemental Work Plan was developed for additional sampling activities not covered by the VAP Phase II Property Assessment Work Plan. A VAP Phase I Property Assessment was conducted by AECOM in 2013 and determined the location of three Identified Areas (IAs) on the Site. The purpose of this Phase II Property Assessment was to conduct sampling activities needed to delineate subsurface soil contamination discovered during the

initial SA conducted by EPA, identify and delineate any additional areas of contamination, and determine if the IAs meet VAP and EPA applicable standards.

3. OVERSIGHT OF PRP SITE ASSESSMENT ACTIVITIES

The objectives of the START tasks include the following:

- Ensure that the sampling procedures are being conducted in accordance with the approved work plan and all specified standard operating procedures (SOPs).
- Collect split samples with the PRP contractor for independent laboratory analysis.
- Collect approximately 5% of the samples collected by the PRP contractor, to include all media types.
- Determine the precision and accuracy of the PRP contractor's laboratory analytical data by comparing it to the START split sample laboratory analytical data.

The following sections describe the sampling and testing conducted at the referenced site to supplement the scope of work described in the *Final Draft VAP Phase II Property Assessment Work Plan*, dated April 17, 2013 (work plan). Detailed procedures to be used for this sampling are provided in the work plan.

3.1 IDENTIFIED AREA #1 (IA#1) – EXPOSURE UNIT #1 (EU#1) - FORMER EAST RAVINE

AECOM designated IA#1 as the Former East Ravine, an area between the existing manhole located on the southeast corner of the Site and the culvert outfall to the East Pond. This area is a former ravine that may have been partially filled in 1954 with excavated soil generated by the construction of the former swimming pool area in 1954. Information provided in the VAP Phase I Property Assessment indicates that a culvert and manhole were later installed in 1959 with the culvert and ravine filled to match the surface grade sometime between 1960 and 1964. This area was filled, at least partially, with a gray fill material (origin unknown). IA#1 Exposure Unit #1 (EU#1) includes the Former East Ravine and the areas surrounding the East Pond, West Pond, former swimming pool, and existing structures on the Site (Figure 3).

Proposed activities for IA#1 EU#1 included the completion of 41 soil borings using a direct-push Geoprobe for the collection of subsurface soil samples, the installation and sampling of four shallow groundwater monitoring wells (MW-1A, MW-3A, MW-4A, and MW-5A), and the installation and sampling of four deep groundwater monitoring wells (MW-1B, MW-3B, MW-4B, and MW-5B). Soil borings S1 through S10, S13, S17, S20 through S26, and S28 through S50, or 41 total soil borings were completed using a Geoprobe in IA#1 EU#1. START collected a total of 10 split soil samples from IA#1 EU#1.

Two additional soil borings were added to the scope of work. Soil boring S51 was completed between soil borings S34 and S35 to further delineate the extent of contamination south of the basketball court. Soil boring S1A was completed to the northwest of soil boring S1 to possibly delineate the extent of the fill material area.

Monitoring well MW-1 was installed on May 28, 2013. The Work Plan proposed a shallow and deep monitoring well at this location; however, no shallow saturated zone was encountered. A single monitoring well (MW-1) was installed with a screened interval from 83 to 93 ft bgs in the uppermost saturated zone observed. This monitoring well was developed on June 6, 2013, and sampled on June 21, 2013.

Monitoring well MW-3 was installed on May 31, 2013. The Work Plan proposed a shallow and deep monitoring well at this location; however, no shallow saturated zone was encountered. A single monitoring well (MW-3) was installed with a screened interval from 60 to 65 ft bgs in the uppermost saturated zone observed. This monitoring well was developed on June 10, 2013, and sampled on June 20, 2013.

Monitoring well MW-4 was installed on May 30, 2013. The Work Plan proposed a shallow and deep monitoring well at this location; however, no shallow saturated zone was encountered. A single monitoring well (MW-4) was installed with a screened interval from 53 to 58 ft bgs in the uppermost saturated zone observed. This monitoring well was developed on June 10, 2013, and sampled on June 21, 2013. START collected a split groundwater sample from this monitoring well.

Monitoring well MW-5 was installed on June 3, 2013. The Work Plan proposed a shallow and deep monitoring well at this location; however, no shallow saturated zone was encountered. A single monitoring well (MW-5) was installed with a screened interval from 53 to 58 ft bgs in the uppermost saturated zone observed. This monitoring well was developed on June 5, 2013, and sampled on June 20, 2013.

3.2 IA#1 – EU#2 - FLAG RUN CREEK

IA#1 EU#2 includes the East Pond, West Pond, and the Flag Run Creek (Figure 3).

Proposed activities for IA#1 EU#2 included the completion of nine soil borings using a direct-push Geoprobe for the collection of subsurface soil samples from the East Pond and West Pond, the collection of nine surface water samples from the Flag Run Creek; and the collection of 18 sediment samples from the Flag Run Creek.

Soil boring S13 was completed with the Geoprobe; however, the track-mounted Geoprobe had difficulty accessing the remaining locations due to soil conditions within the West Pond. Therefore, the remaining soil borings within the West Pond and East Pond were completed with a hand auger. These soil borings included S11, S12, S14, S15, S16, S18, S19, and S27. START collected a split soil sample from soil boring S14.

AECOM collected all nine surface water samples from the Flag Run Creek, as specified in the work plan. START collected a split surface water sample from surface water sample location SW-2. AECOM was unable to collect the proposed 18 sediment samples as specified in the work plan because sediment was not present, or sediment was not present at depth. Sediment sample collection included the collection of two sediment samples at each surface water sample location. Each sample location included the collection of one sediment sample from the 0- to 1-ft interval and one sample from the 1- to 2-ft interval. START collected a split sediment sample from sample location SED-2.

3.3 IA#2 – EU#1 - SOIL STOCKPILES

AECOM designated IA#2 as the stockpiled soil on the former asphalt parking lot, which is located along the north perimeter of the Site and extends beyond the east edge of the paved parking lot area. The stockpiles are reportedly associated with construction activities conducted

during the construction of the new elementary school in Green Springs, OH. IA#1 EU#1 includes the stockpiled soil staged on the former asphalt parking lot (Figure 3).

Proposed activities for IA#2 EU#1 included the collection of eight soil samples from the stockpiled soil, the installation and sampling of one shallow monitoring well (MW-2A), and the installation and sampling of one deep monitoring well (MW-2B).

AECOM collected eight soil samples at 100-ft intervals from the soil stockpiles. START collected one split soil sample from the soil stockpiles.

Monitoring well MW-2 was installed on May 30, 2013. The Work Plan proposed a shallow and deep monitoring well at this location; however, no shallow saturated zone was encountered. A single monitoring well (MW-2) was installed with a screened interval from 53 to 58 ft bgs in the uppermost saturated zone observed. This monitoring well was developed on June 10, 2013, and sampled on June 21, 2013.

3.4 IA#2 – EU#2 – MILL RACE CREEK

IA#1 EU#2 includes the Mill Race Creek connecting the East Pond and the West Pond (Figure 3). Proposed activities for IA#2 EU#2 included the collection of three soil samples from within the Mill Race Creek between the East Pond and West Pond. AECOM collected soil samples from shallow soil borings S14, S15, and S16. START collected one split sample from sample location S14.

3.5 IA#3 – EU#1 - FILL AREA

AECOM designated IA#3 as the Fill Area. Fill material, mainly consisting of concrete, is visible as the land slopes down to the wooded portion of the property. Historical information suggests the concrete was originally part of the former grist mill that was on the property. A small above ground storage tank was visible in the fill material which formerly held gasoline to support park maintenance according to representatives of the Whirlpool Corporation. In addition, one empty rusted drum was also visible in the area. IA#3 EU#1 includes the fill area (Figure 3).

Proposed activities for IA#3 EU#1 included the completion of six test trenches and the collection of six soil samples. The proposed test trenches include two test trenches within the fill area to identify the depth and contents of the fill material and four test trenches along the assumed southeast perimeter of the fill area to determine the lateral extent of the fill material. Proposed activities for IA#3 EU#1 also included the installation and sampling of one shallow monitoring well (MW-6A) and one deep monitoring well (MW-6B).

Test trenching activities began and were completed on May 30, 2013. A total of nine test trenches were completed. Test trenches TT1, TT2, and TT3 were completed along the assumed southeast perimeter of the fill area in order to determine the lateral extent of the fill material. Observations from these three test trenches indicated the soil was primarily native soil. There was some indication of fill material (primarily soil fill) within the surface layer of these three test trenches. Therefore, the lateral extent of the overall fill area is at or north of test trenches TT1, TT2, and TT3.

Test trenches TT5 through TT9 were completed within the known fill area to identify the vertical extent of fill material and identify potential sources of contamination. Additional test trenches were added to the scope of work under the direction of the present property owner or PRP representatives. The fill material was primarily composed of soil and large pieces of concrete. Other material found within the fill area included paint chips, wood, bricks, a chain-link fence, remnants of steel drums, cinder blocks, steel pipes and tubes, corrugated pipe, pieces of plastic, a tailgate to a dump truck, and a picnic table umbrella. One AST and one 55-gallon drum, which were partially exposed on the west embankment of the fill area, were empty and showed no visual signs of soil contamination within the immediate vicinity of these items. Native soil was encountered at approximately 12 ft bgs. START collected one split soil sample from the bottom of test trench TT5.

Monitoring well MW-6 was installed on May 29, 2013. The Work Plan proposed a shallow and deep monitoring well at this location; however, the grade at this location was approximately 20 feet lower than the other monitoring well locations on the Site. Thus, the uppermost saturated zone at this location, although shallower in terms of measuring bgs, is equivalent to the

uppermost saturated zone observed at the other monitoring well locations. A single monitoring well (MW-6) was installed with a screened interval from 13 to 18 ft bgs in the uppermost saturated zone observed. This monitoring well was developed on June 6, 2013, and sampled on June 24, 2013.

3.6 IA#3 – EU#2 – FLAG RUN CREEK

IA#3 EU#2 includes the northwest portion of Flag Run Creek and is discussed earlier in Section 3.2.

3.7 AST FILTERS

As part of Supplemental Work Plan, AECOM proposed the collection of filter media samples from the two ASTs located west of the former swimming pool area. Two ASTs contained filter media that was used to clarify the pool water. AECOM also proposed the collection of four soil samples from two soil borings beneath each of the ASTs.

AECOM collected filter media samples ASTW-1 and ASTE-1 from the west AST and the east AST, respectively. AECOM also collected two soil samples from soil borings ASTW-S1 and ASTE-S1 from the soil below the west AST and east AST, respectively. Two soil samples were collected from each soil boring, one sample from the 0- to 1-ft interval and one sample from the 1- to 2-ft sample interval.

START collected a split filter media sample from the filter media in the west AST. START did not collect split soil samples during this soil sampling activity.

3.8 SHED FILTERS

As part of Supplemental Work Plan, AECOM proposed the collection of filter media samples from canisters located in the shed south of the West Pond. Three canisters located within this shed contained filter media once used to clarify the pool water. AECOM also proposed the collection and laboratory analysis of two soil samples within the backwash area outside the shed.

AECOM collected samples of the filter media from each of the three canisters in the shed on May 20, 2013. Two soil samples were collected from one shallow soil boring near the canisters, one sample from the 0- to 1-ft interval, and one sample from the 1- to 2-ft sample interval.

START did not collect any split filter media samples or soil samples during this sampling activity.

3.9 ADJACENT PROPERTIES

AECOM identified one potential off-site source that may impact the Site. Based on interview information, fill material was placed on the property located directly south and adjacent to the Site at 1909 County Road 181 in 1953. An aerial photo from 1976 also indicates a fill area at this location. The origin of the fill material is unknown.

Proposed activities for the adjacent property included the installation and sampling of one shallow monitoring well (MW-7A). The installation of MW-7A on the adjacent property was not completed because the proposed location was not accessible.

4. SUMMARY OF SPLIT SAMPLES COLLECTED

The START split samples that were collected during the site assessment are discussed below.

4.1 SOIL SAMPLES

A total of 13 soil samples were collected from the Site. A total of 11 soil boring samples were collected from IA#1. One surface soil sample was collected from IA#2. One soil sample was collected from a test trench in IA#3. Samples were submitted to ALS Environmental Laboratory in Holland, MI, for the following analyses: total volatile organic compounds (VOCs); total semi-volatile organic compounds (SVOCs); total analyte list (TAL) metals plus boron and hexavalent chromium; total pesticides and herbicides; PCBs; Toxicity Characteristic Leaching Procedure (TCLP) VOCs, TCLP SVOCs, TCLP pesticides and herbicides; and TCLP metals.

The analytical data were compiled into three tables (**Table 1**, **Table 2**, and **Table 3**), which summarize the full analytical results for each sample and provide the complete list of analytes.

Table 1 summarizes the total VOC and SVOC analytical results. **Table 2** summarizes the TAL

metals, pesticides, herbicides, and PCB analytical results. **Table 3** summarizes the TCLP analytical results. **Appendix B** provides the laboratory analytical reports. **Appendix C** provides the analytical data validation reports.

4.2 WATER SAMPLES

Two water samples were collected from the Site. One surface water sample was collected from the Flag Run Creek (IA #1 EU#2 and IA#3 EU#2) and one groundwater sample was collected from IA#1 EU#1(MW-4). Samples were submitted to ALS Environmental Laboratory in Holland, MI, for the following analyses: total VOCs; total SVOCs; TAL metals plus boron and hexavalent chromium; total pesticides and herbicides; PCBs; TCLP VOCs, TCLP SVOCs, TCLP pesticides and herbicides; and TCLP metals.

The analytical data were compiled into three tables (**Table 4**, **Table 5**, and **Table 6**), which summarize the full analytical results for each sample and provide the complete list of analytes. **Table 4** summarizes the total VOC and SVOC analytical results. **Table 5** summarizes the TAL metals, pesticides, herbicides, and PCB analytical results. **Table 6** summarizes the TCLP analytical results. **Appendix B** provides the laboratory analytical reports. **Appendix C** provides the analytical data validation reports.

4.3 SEDIMENT SAMPLES

One sediment sample was collected from the in the Flag Run Creek (IA#1 EU#2 and IA#3 EU#2). This sample was submitted to ALS Environmental Laboratory in Holland, MI, for the following analyses: total VOCs; total SVOCs; TAL metals plus boron and hexavalent chromium; total pesticides and herbicides; PCBs; TCLP VOCs, TCLP SVOCs, TCLP pesticides and herbicides; and TCLP metals.

The analytical data were compiled into three tables (**Table 7**, **Table 8**, and **Table 9**), which summarize the full analytical results for the sample and provide the complete list of analytes. **Table 7** summarizes the total VOC and SVOC analytical results. **Table 8** summarizes the TAL metals, pesticides, herbicides, and PCB analytical results. **Table 9** summarizes the TCLP

analytical results. **Appendix B** provides the laboratory analytical reports. **Appendix C** provides the analytical data validation reports.

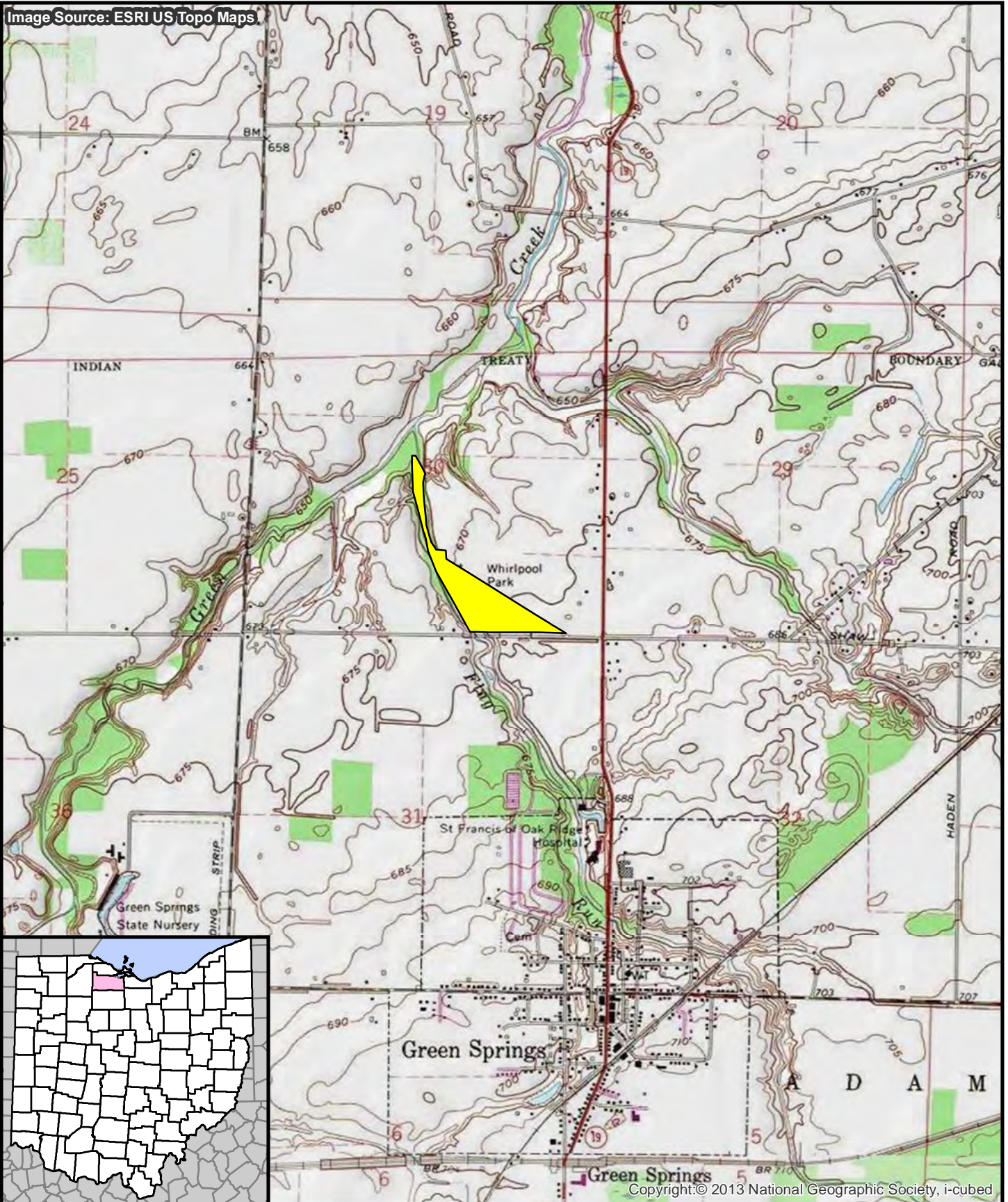
4.4 FILTER MEDIA SAMPLE

One filter media sample was collected from an AST located west of the former swimming pool area. This sample was submitted to ALS Environmental Laboratory in Holland, MI, for the following analyses: total VOCs; total SVOCs; TAL metals plus boron and hexavalent chromium; total pesticides and herbicides; PCBs; TCLP VOCs, TCLP SVOCs, TCLP pesticides and herbicides; and TCLP metals.

The analytical data were compiled into three tables (**Table 10**, **Table 11**, and **Table 12**), which summarize the full analytical results for the sample and provide the complete list of analytes. **Table 10** summarizes the total VOC and SVOC analytical results. **Table 11** summarizes the TAL metals, pesticides, herbicides, and PCB analytical results. **Table 12** summarizes the TCLP analytical results. **Appendix B** provides the laboratory analytical reports. **Appendix C** provides the analytical data validation reports.

FIGURES

Image Source: ESRI US Topo Maps.



Copyright © 2013 National Geographic Society, i-cubed

Path: C:\Users\greent\GIS\Projects\2062_Whirlpool_PRJ_OS\mxd\Report\46150_Whirlpool_F1.mxd, 8/12/2013 1:33:13 PM, greent

Legend

 Whirlpool Park

0 2,000 Feet



Prepared for:
U.S. EPA REGION V

Contract No.: EP-S5-06-04
TDD: S05-0001-1212-006
DCN: 2062-2A-BIGC



Prepared By:
WESTON SOLUTIONS, INC

6779 Engle Road
Suite 1
Middleburg Heights, Ohio 44130

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

Image Source: ESRI World Imagery



Path: C:\Users\greent\GIS\Projects\2062_Whirlpool_PRJ_OS\mxd\Report\46150_Whirlpool_F2.mxd, 8/16/2013 10:13:12 AM, greent

Legend

 Site Boundary

0 350
Feet



Prepared for:
U.S. EPA REGION V

Contract No.: EP-S5-06-04
TDD: S05-0001-1212-006
DCN: 2062-2A-BIGC



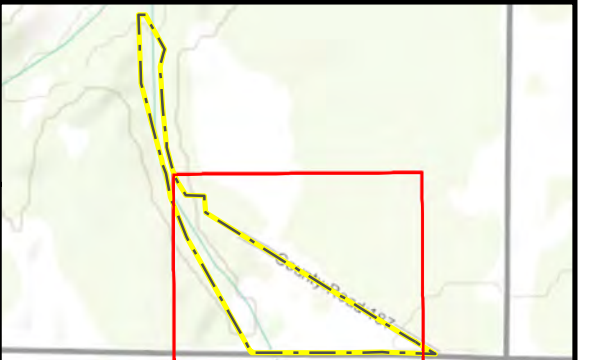
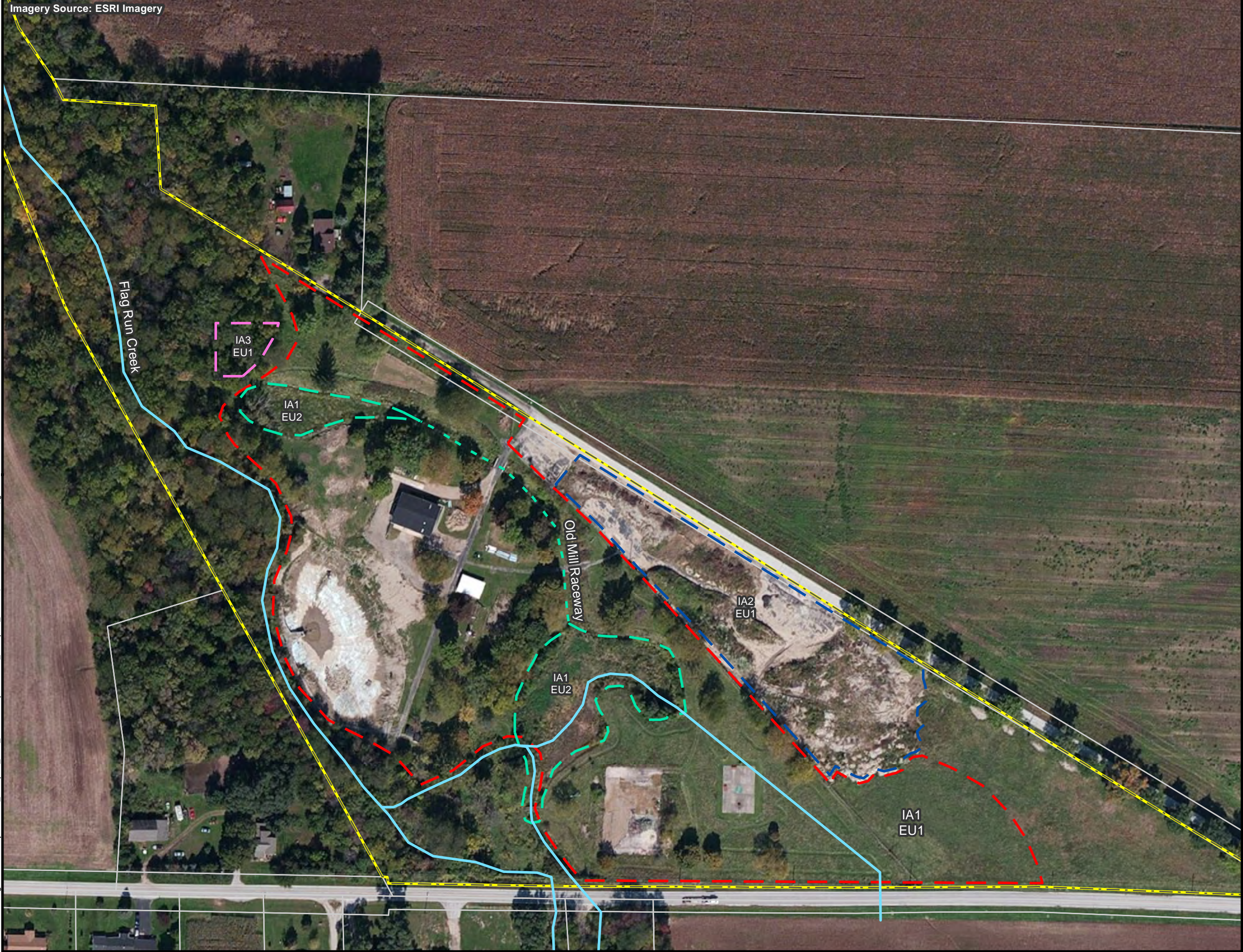
Prepared By:
WESTON SOLUTIONS, INC

6779 Engle Road
Suite I
Middleburg Heights, Ohio 44130

Figure 2

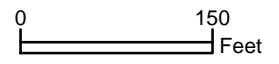
Site Features Map
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

Imagery Source: ESRI Imagery



Legend

- Inset**
- Extent of View
 - Site Boundary
- Main Frame**
- Parcel Boundaries
 - IA1, EU1
 - IA1, EU2
 - IA2, EU1
 - IA3, EU1
 - Old Mill Race
 - Flag Run Creek



Prepared For:
US EPA Region V
 Contract No.: EP-S5-06-04
 TDD: S05-0001-1212-006
 DCN: 2062-2A-BIGC



Prepared By:
WESTON SOLUTIONS, INC.
 6779 Engle Road, Suite I
 Middleburg Heights, Ohio 44130

Figure 3
 Identified Areas and Exposure Units
 Whirlpool Park Site
 Green Springs, Sandusky County, Ohio

Path: C:\Users\green\GIS\Projects\2062_Whirlpool_PRP_OS\mxd\Report\F3.mxd, 8/16/2013 11:55:15 AM, greenr

TABLES

TABLE 1
SOIL ANALYTICAL RESULTS
Volatile Organic Compounds and Semi-Volatile Organic Compounds
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

Location	IA#2 / EU#1	IA#1 / EU#1	IA#1 / EU#1	IA#1 / EU#1	IA#1 / EU#1	IA#1 / EU#1	IA#1 / EU#1	IA#1 / EU#1	IA#1 / EU#1	IA#1 / EU#1	IA#1 / EU#1	IA#1 / EU#1	IA#1 / EU#1	IA#1 / EU#1	
Field Sample ID	IA2-S6-000.5W	IA1-S4-0-2W	IA1-S13-2-4W	IA1-S9-2-4W	IA1-S32-0-2W	IA1-S31-8-10W	IA1-S26-0-2W	IA1-S25-0-2W	IA1-S45-8-10W	IA1-S43-5-7W	IA1-S51-2-4W	TT5-053013W	S14-0001W		
Sample Date	5/20/2013	5/20/2013	5/20/2013	5/21/2013	5/21/2013	5/22/2013	5/22/2013	5/22/2013	5/23/2013	5/23/2013	5/24/2013	5/30/2013	5/30/2013		
Sample Depth (ft bgs)	0 - 0.5	0 - 2	2 - 4	2 - 4	0 - 2	8 - 10	0 - 2	0 - 2	8 - 10	5 - 7	2 - 4	-	0 - 1		
Analytical Method	Chemical Name	Units													
SW8270	Phenanthrene	mg/Kg	0.032 U	0.58	0.034 U	0.034 U	0.034 U	2.7	0.033 U	0.033 U	0.039 U	0.037 U	0.034 U	0.37	0.054 U
SW8270	Phenol	mg/Kg	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U	0.44 U	0.18 U	0.18 U	0.21 U	0.2 U	0.18 U	0.18 U	0.29 U
SW8270	Pyrene	mg/Kg	0.087	0.99	0.034 U	0.034 U	0.034 U	0.082 U	0.033 U	0.33 U	0.039 U	0.037	0.034 U	0.75	0.075

Notes:
BOLD - Exceeds method detection limit
ft bgs – Feet below ground surface
J - Estimated Value
mg/Kg – Milligrams per kilogram
U – Not detected at indicated method detection limit

TABLE 2
SOIL ANALYTICAL RESULTS
Metals, Pesticides, Herbicides and Polychlorinated Biphenyls
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

Polychlorinated Biphenyls (PCBs)															
SW8082	Aroclor 1016	mg/Kg	0.041 U	0.045 U	0.045 U	0.045 U	0.044 U	0.11 U	0.044 U	0.043 U	0.05 U	0.05 U	0.046 U	0.047 U	0.073 U
SW8082	Aroclor 1221	mg/Kg	0.041 U	0.045 U	0.045 U	0.045 U	0.044 U	0.11 U	0.044 U	0.043 U	0.05 U	0.05 U	0.046 U	0.047 U	0.073 U
SW8082	Aroclor 1232	mg/Kg	0.041 U	0.045 U	0.045 U	0.045 U	0.044 U	0.11 U	0.044 U	0.043 U	0.05 U	0.05 U	0.046 U	0.047 U	0.073 U
SW8082	Aroclor 1242	mg/Kg	0.041 U	0.045 U	0.045 U	0.045 U	0.044 U	0.11 U	0.044 U	0.043 U	0.05 U	0.05 U	0.046 U	0.047 U	0.073 U
SW8082	Aroclor 1248	mg/Kg	0.041 U	0.045 U	0.045 U	0.045 U	0.044 U	0.11 U	0.044 U	0.043 U	0.05 U	0.05 U	0.046 U	0.047 U	0.073 U
SW8082	Aroclor 1254	mg/Kg	0.041 U	0.045 U	0.045 U	0.045U	0.044 U	2,200	0.4	0.09	0.05 U	0.16	0.046 U	0.047 U	0.073 U
SW8082	Aroclor 1260	mg/Kg	0.041 U	0.045 U	0.045 U	0.045 U	0.044 U	0.11 U	0.044 U	0.043 U	0.05 U	0.05 U	0.046 U	0.047 U	0.073 U

Notes:

BOLD - Exceeds method detection limit

ft bgs – Feet below ground surface

J - Estimated Value

mg/Kg – Milligrams per kilogram

U – Not detected at indicated method detection limit

TABLE 3
SOIL ANALYTICAL RESULTS
Toxicity Characteristic Leaching Procedure
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

Location	IA#2 / EU#1	IA#1 / EU#1	IA#1 / EU#1	IA#1 / EU#1	IA#1 / EU#1	IA#1 / EU#1	IA#1 / EU#1	IA#1 / EU#1	IA#1 / EU#1	IA#1 / EU#1	IA#1 / EU#1	IA#1 / EU#1	IA#1 / EU#1	IA#1 / EU#1	
Field Sample ID	IA2-S6-000.5W	IA1-S4-0-2W	IA1-S13-2-4W	IA1-S9-2-4W	IA1-S32-0-2W	IA1-S31-8-10W	IA1-S26-0-2W	IA1-S25-0-2W	IA1-S45-8-10W	IA1-S43-5-7W	IA1-S51-2-4W	TT5-053013W	S14-0001W		
Sample Date	5/20/2013	5/20/2013	5/20/2013	5/21/2013	5/21/2013	5/22/2013	5/22/2013	5/22/2013	5/23/2013	5/23/2013	5/24/2013	5/30/2013	5/30/2013		
Sample Depth (ft bgs)	0 - 0.5	0 - 2	2 - 4	2 - 4	0 - 2	8 - 10	0 - 2	0 - 2	8 - 10	5 - 7	2 - 4	-	0 - 1		
Analytical Method	Chemical Name	Units													
SW8260	1,1-Dichloroethene, TCLP	mg/L	0.02 U	0.02 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	
SW8260	1,2-Dichloroethane, TCLP	mg/L	0.02 U	0.02 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	
SW8270	1,4-Dichlorobenzene, TCLP	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
SW8270	2,4,6-Trichlorophenol, TCLP	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
SW8270	2,4,5-Trichlorophenol, TCLP	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
SW8151	2,4,5-TP (Silvex), TCLP	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	
SW8151	2,4-D, TCLP	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0067	0.019	
SW8270	2,4-Dinitrotoluene, TCLP	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
SW8260	2-Butanone, TCLP	mg/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	
SW8260	Benzene, TCLP	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	
SW8260	Carbon tetrachloride, TCLP	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	
SW8081	Chlordane, Technical, TCLP	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	
SW8260	Chlorobenzene, TCLP	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	
SW8260	Chloroform, TCLP	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	
SW8081	Endrin, TCLP	mg/L	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	
SW8081	gamma-BHC (Lindane), TCLP	mg/L	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	
SW8081	Heptachlor, TCLP	mg/L	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	
SW8270	Hexachloro-1,3-butadiene, TCLP	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
SW8270	Hexachlorobenzene, TCLP	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
SW8270	Hexachloroethane, TCLP	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
SW8270	m-Cresol, TCLP	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
SW8081	Methoxychlor, TCLP	mg/L	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	
SW8270	Nitrobenzene, TCLP	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
SW8270	o-Cresol, TCLP	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
SW8270	p-Cresol, TCLP	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
SW8270	Pentachlorophenol, TCLP	mg/L	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	
SW8270	Pyridine, TCLP	mg/L	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	
SW8260	Tetrachloroethene, TCLP	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	
SW8081	Toxaphene, TCLP	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	
SW8260	Trichloroethene, TCLP	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	
SW8260	Vinyl chloride, TCLP	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	
SW6020A	Arsenic, TCLP	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.028	0.01 U	0.01 U	0.017	0.01 U	0.01 U	0.01 U	0.01	
SW6020A	Barium, TCLP	mg/L	0.6	0.18	0.82	0.37	0.22	0.59	0.59	0.15	0.72	0.27	0.25	0.43	0.39
SW6020A	Cadmium, TCLP	mg/L	0.002 U	0.002 U	0.0073	0.002 U	0.002 U	0.002 U	0.0023	0.002 U	0.002 U	0.002 U	0.002 U	0.002	
SW6020A	Chromium, TCLP	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.097	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02	
SW6020A	Lead, TCLP	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01	
SW7470A	Mercury, TCLP	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002	
SW6020A	Selenium, TCLP	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02	
SW6020A	Silver, TCLP	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005	

Notes:
BOLD - Exceeds method detection limit
ft bgs – Feet below ground surface
J - Estimated Value
mg/L – Milligrams per liter
TCLP – Toxicity Characteristic Leaching Procedure
U – Not detected at indicated method detection limit

TABLE 4
SURFACE AND GROUNDWATER ANALYTICAL RESULTS
Volatile Organic Compounds and Semi-Volatile Organic Compounds
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

Site		Whirlpool Park		
Location		IA#3 / EU#2	IA#1 / EU#1	
Field Sample ID		SW-2-052113W	MW-4-062013W	
Sample Date		5/21/2013	6/20/2013	
Analytical Method	Chemical Name	Units		
Volatile Organic Compounds (VOCs)				
SW8260	1,1,2,2-Tetrachloroethane	mg/L	0.0010 U	0.001 U
SW8260	1,1,2-Trichloroethane	mg/L	0.0010 U	0.001 U
SW8260	1,1,2-Trichlorotrifluoroethane	mg/L	0.0010 U	0.001 U
SW8260	1,1,1-Trichloroethane	mg/L	0.0010 U	0.001 U
SW8260	1,1-Dichloroethane	mg/L	0.0010 U	0.001 U
SW8260	1,1-Dichloroethene	mg/L	0.0010 U	0.001 U
SW8260	1,2,4-Trichlorobenzene	mg/L	0.0010 U	0.001 U
SW8260	1,2-Dibromo-3-chloropropane	mg/L	0.0010 U	0.001 U
SW8260	1,2-Dibromoethane	mg/L	0.0010 U	0.001 U
SW8260	1,2-Dichlorobenzene	mg/L	0.0010 U	0.001 U
SW8260	1,2-Dichloroethane	mg/L	0.0010 U	0.001 U
SW8260	1,2-Dichloropropane	mg/L	0.0020 U	0.002 U
SW8260	1,3-Dichlorobenzene	mg/L	0.0020 U	0.002 U
SW8260	1,4-Dichlorobenzene	mg/L	0.0020 U	0.002 U
SW8260	2-Butanone	mg/L	0.0050 U	0.005 U
SW8260	2-Hexanone	mg/L	0.0050 U	0.005 U
SW8260	4-Methyl-2-pentanone	mg/L	0.0050 U	0.005 U
SW8260	Acetone	mg/L	0.020 U	0.02 U
SW8260	Benzene	mg/L	0.0010 U	0.001 U
SW8260	Bromodichloromethane	mg/L	0.0010 U	0.001 U
SW8260	Bromoform	mg/L	0.0010 U	0.001 U
SW8260	Bromomethane	mg/L	0.0010 U	0.001 U
SW8260	Carbon disulfide	mg/L	0.0025 U	0.0025 U
SW8260	Carbon tetrachloride	mg/L	0.0010 U	0.001 U
SW8260	Chlorobenzene	mg/L	0.0010 U	0.001 U
SW8260	Chloroethane	mg/L	0.0010 U	0.001 U
SW8260	Chloroform	mg/L	0.0010 U	0.001 U
SW8260	Chloromethane	mg/L	0.0010 U	0.001 U
SW8260	cis-1,2-Dichloroethene	mg/L	0.0010 U	0.001 U
SW8260	cis-1,3-Dichloropropene	mg/L	0.0010 U	0.001 U
SW8260	Cyclohexane	mg/L	0.0050 U	0.005 U
SW8260	Dibromochloromethane	mg/L	0.0010 U	0.001 U
SW8260	Dichlorodifluoromethane	mg/L	0.0010 U	0.001 U
SW8260	Ethylbenzene	mg/L	0.0010 U	0.001 U
SW8260	Isopropylbenzene	mg/L	0.0010 U	0.001 U
SW8260	Methyl acetate	mg/L	0.0020 U	0.002 U
SW8260	Methyl tert-butyl ether	mg/L	0.0050 U	0.005 U
SW8260	Methylcyclohexane	mg/L	0.0050 U	0.005 U
SW8260	Methylene chloride	mg/L	0.0050 U	0.005 U
SW8260	Styrene	mg/L	0.0010 U	0.001 U
SW8260	Tetrachloroethene	mg/L	0.0020 U	0.002 U
SW8260	Toluene	mg/L	0.0010 U	0.001 U
SW8260	trans-1,2-Dichloroethene	mg/L	0.0010 U	0.001 U
SW8260	trans-1,3-Dichloropropene	mg/L	0.0010 U	0.001 U
SW8260	Trichloroethene	mg/L	0.0010 U	0.001 U

TABLE 4
SURFACE AND GROUNDWATER ANALYTICAL RESULTS
Volatile Organic Compounds and Semi-Volatile Organic Compounds
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

Site		Whirlpool Park		
Location		IA#3 / EU#2	IA#1 / EU#1	
Field Sample ID		SW-2-052113W	MW-4-062013W	
Sample Date		5/21/2013	6/20/2013	
Analytical Method	Chemical Name	Units		
SW8260	Trichlorofluoromethane	mg/L	0.0010 U	0.001 U
SW8260	Vinyl chloride	mg/L	0.0010 U	0.001 U
SW8260	Xylenes, Total	mg/L	0.0030 U	0.003 U
Semivolatile Organic Compounds (SVOCs)				
SW8270	1,1-Biphenyl	mg/L	0.0050 U	0.005 U
SW8270	2,4,5-Trichlorophenol	mg/L	0.0050 U	0.005 U
SW8270	2,4,6-Trichlorophenol	mg/L	0.0050 U	0.005 U
SW8270	2,4-Dichlorophenol	mg/L	0.010 U	0.01 U
SW8270	2,4-Dimethylphenol	mg/L	0.0050 U	0.005 U
SW8270	2,4-Dinitrophenol	mg/L	0.0050 U	0.005 U
SW8270	2,4-Dinitrotoluene	mg/L	0.0050 U	0.005 U
SW8270	2,6-Dinitrotoluene	mg/L	0.0050 U	0.005 U
SW8270	2-Chloronaphthalene	mg/L	0.0050 U	0.005 U
SW8270	2-Chlorophenol	mg/L	0.0050 U	0.005 U
SW8270	2-Methylnaphthalene	mg/L	0.0050 U	0.005 U
SW8270	2-Methylphenol	mg/L	0.0050 U	0.005 U
SW8270	2-Nitroaniline	mg/L	0.020 U	0.02 U
SW8270	2-Nitrophenol	mg/L	0.0050 U	0.005 U
SW8270	3,3-Dichlorobenzidine	mg/L	0.0050 U	0.005 U
SW8270	3-Nitroaniline	mg/L	0.020 U	0.02 U
SW8270	4,6-Dinitro-2-methylphenol	mg/L	0.020 U	0.02 U
SW8270	4-Bromophenyl phenyl ether	mg/L	0.0050 U	0.005 U
SW8270	4-Chloro-3-methylphenol	mg/L	0.0050 U	0.005 U
SW8270	4-Chloroaniline	mg/L	0.020 U	0.02 U
SW8270	4-Chlorophenyl phenyl ether	mg/L	0.0050 U	0.005 U
SW8270	4-Nitroaniline	mg/L	0.020 U	0.005 U
SW8270	4-Nitrophenol	mg/L	0.020 U	0.02 U
SW8270	Acenaphthene	mg/L	0.0050 U	0.02 U
SW8270	Acenaphthylene	mg/L	00.50 U	0.005 U
SW8270	Acetophenone	mg/L	0.0010 U	0.005 U
SW8270	Anthracene	mg/L	0.0050 U	0.001 U
SW8270	Atrazine	mg/L	0.010U	0.005 U
SW8270	Benzaldehyde	mg/L	0.0010 U	0.001 U
SW8270	Benzo(a)anthracene	mg/L	0.0050 U	0.001 U
SW8270	Benzo(a)pyrene	mg/L	0.0050 U	0.005 U
SW8270	Benzo(b)fluoranthene	mg/L	0.0050 U	0.005 U
SW8270	Benzo(g,h,i)perylene	mg/L	0.0050 U	0.005 U
SW8270	Benzo(k)fluoranthene	mg/L	0.0050 U	0.005 U
SW8270	Bis(2-chloroethoxy)methane	mg/L	0.0050 U	0.005 U
SW8270	Bis(2-chloroethyl)ether	mg/L	0.0050 U	0.005 U
SW8270	Bis(2-chloroisopropyl)ether	mg/L	0.0050 U	0.005 U
SW8270	Bis(2-ethylhexyl)phthalate	mg/L	0.0050 U	0.005 U
SW8270	Butyl benzyl phthalate	mg/L	0.0050 U	0.005 U
SW8270	Caprolactam	mg/L	0.010 U	0.005 U
SW8270	Carbazole	mg/L	0.010 U	0.01 U
SW8270	Chrysene	mg/L	0.0050 U	0.01 U

TABLE 4
SURFACE AND GROUNDWATER ANALYTICAL RESULTS
Volatile Organic Compounds and Semi-Volatile Organic Compounds
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

Site		Whirlpool Park		
Location		IA#3 / EU#2	IA#1 / EU#1	
Field Sample ID		SW-2-052113W	MW-4-062013W	
Sample Date		5/21/2013	6/20/2013	
Analytical Method	Chemical Name	Units		
SW8270	Dibenzo(a,h)anthracene	mg/L	0.0050 U	0.005 U
SW8270	Dibenzofuran	mg/L	0.0050 U	0.005 U
SW8270	Diethyl phthalate	mg/L	0.020 U	0.005 U
SW8270	Dimethyl phthalate	mg/L	0.020 U	0.02 U
SW8270	Di-n-butyl phthalate	mg/L	0.0050 U	0.02 U
SW8270	Di-n-octyl phthalate	mg/L	0.0050 U	0.005 U
SW8270	Fluoranthene	mg/L	0.0050 U	0.005 U
SW8270	Fluorene	mg/L	0.0050 U	0.005 U
SW8270	Hexachloro-1,3-butadiene	mg/L	0.0050 U	0.005 U
SW8270	Hexachlorobenzene	mg/L	0.0050 U	0.005 U
SW8270	Hexachlorocyclopentadiene	mg/L	0.020 U	0.02 U
SW8270	Hexachloroethane	mg/L	0.0050 U	0.005 U
SW8270	Indeno(1,2,3-cd)pyrene	mg/L	0.0050 U	0.005 U
SW8270	Isophorone	mg/L	0.0050 U	0.005 U
SW8270	Naphthalene	mg/L	0.0050 U	0.005 U
SW8270	Nitrobenzene	mg/L	0.0050 U	0.005 U
SW8270	N-Nitrosodi-n-propylamine	mg/L	0.0050 U	0.005 U
SW8270	N-Nitrosodiphenylamine	mg/L	0.0050 U	0.005 U
SW8270	Pentachlorophenol	mg/L	0.020 U	0.02 U
SW8270	Phenanthrene	mg/L	0.020 U	0.005 U
SW8270	Phenol	mg/L	0.020 U	0.005 U
SW8270	Pyrene	mg/L	0.020 U	0.005 U

Notes:

BOLD - Exceeds method detection limit

ft bgs – Feet below ground surface

J - Estimated Value

mg/L – Milligrams per liter

U – Not detected at indicated method detection limit

TABLE 5
SURFACE AND GROUNDWATER ANALYTICAL RESULTS
Metals, Pesticides, Herbicides and Polychlorinated Biphenyls
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

Site		Whirlpool Park		
Location		IA#3 / EU#2	IA#1 / EU#1	
Field Sample ID		SW-2-052113W	MW-4-062013W	
Sample Date		5/21/2013	6/20/2013	
Analytical Method	Chemical Name	Units		
Total Target Analyte List (TAL) Metals				
SW6020A	Aluminum	mg/L	0.047	0.14
SW6020A	Antimony	mg/L	0.0050 U	0.005 U
SW6020A	Arsenic	mg/L	0.0050 U	0.005 U
SW6020A	Barium	mg/L	0.025 U	0.011
SW6020A	Beryllium	mg/L	0.0020 U	0.002 U
SW6020A	Boron	mg/L	0.18	0.58
SW6020A	Cadmium	mg/L	0.0020 U	0.002 U
SW6020A	Calcium	mg/L	510	330
SW6020A	Chromium	mg/L	0.0050 U	0.005 U
SW6020A	Cobalt	mg/L	0.0050 U	0.005 U
SW6020A	Copper	mg/L	0.0050 U	0.005 U
SW7196A	Chromium, Hexavalent	mg/L	0.0050 U	0.0050 UJ
SW6020A	Iron	mg/L	0.080 U	2
SW6020A	Lead	mg/L	0.0050 U	0.005 U
SW6020A	Magnesium	mg/L	59	100
SW6020A	Manganese	mg/L	0.024 U	0.026
SW7471	Mercury	mg/L	0.00020 U	0.0002 U
SW6020A	Nickel	mg/L	0.0050 U	0.005 U
SW6020A	Potassium	mg/L	2.9	3.5
SW6020A	Selenium	mg/L	0.0050 U	0.005 U
SW6020A	Silver	mg/L	0.0050 U	0.005 U
SW6020A	Sodium	mg/L	12	50
SW6020A	Thallium	mg/L	0.0050 U	0.005 U
SW6020A	Vanadium	mg/L	0.0050 U	0.005 U
SW6020A	Zinc	mg/L	0.010 U	0.01 U
Pesticides and Herbicides				
SW8151	2,4,5-T	mg/L	0.0010 U	0.001 U
SW8151	2,4,5-TP (Silvex)	mg/L	0.0020 U	0.002 U
SW8151	2,4-D	mg/L	0.0020 U	0.002 U
SW8081	4,4-DDD	mg/L	0.000020 U	0.00002 U
SW8081	4,4-DDE	mg/L	0.000020 U	0.00002 U
SW8081	4,4-DDT	mg/L	0.000020 U	0.00002 U
SW8081	Aldrin	mg/L	0.000010 U	0.00001 U
SW8081	alpha-BHC	mg/L	0.000010 U	0.00001 U
SW8081	alpha-Chlordane	mg/L	0.000020 U	0.00002 U
SW8081	beta-BHC	mg/L	0.000010 U	0.00001 U
SW8081	Chlordane, Technical	mg/L	0.00050 U	0.0005 U
SW8081	delta-BHC	mg/L	0.000010 U	0.00001 U
SW8081	Dieldrin	mg/L	0.000020 U	0.00002 U
SW8081	Endosulfan I	mg/L	0.000020 U	0.00002 U
SW8081	Endosulfan II	mg/L	0.000020 U	0.00002 U
SW8081	Endosulfan sulfate	mg/L	0.000020 U	0.00002 U
SW8081	Endrin	mg/L	0.000020 U	0.00002 U
SW8081	Endrin aldehyde	mg/L	0.000020 U	0.00002 U
SW8081	Endrin ketone	mg/L	0.000020 U	0.00002 U

TABLE 5
SURFACE AND GROUNDWATER ANALYTICAL RESULTS
Metals, Pesticides, Herbicides and Polychlorinated Biphenyls
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

Site			Whirlpool Park	
Location			IA#3 / EU#2	IA#1 / EU#1
Field Sample ID			SW-2-052113W	MW-4-062013W
Sample Date			5/21/2013	6/20/2013
Analytical Method	Chemical Name	Units		
SW8081	gamma-BHC (Lindane)	mg/L	0.000010 U	0.00001 U
SW8081	gamma-Chlordane	mg/L	0.000020 U	0.00002 U
SW8081	Heptachlor	mg/L	0.000010 U	0.00001 U
SW8081	Heptachlor epoxide	mg/L	0.000010 U	0.00001 U
SW8081	Methoxychlor	mg/L	0.000040 U	0.00004 U
SW8081	Toxaphene	mg/L	0.0020U	0.002 U
Polychlorinated Biphenyls (PCBs)				
SW8082	Aroclor 1016	mg/L	0.00020 U	0.0002
SW8082	Aroclor 1221	mg/L	0.00020 U	0.0002
SW8082	Aroclor 1232	mg/L	0.00020 U	0.0002
SW8082	Aroclor 1242	mg/L	0.00020 U	0.0002
SW8082	Aroclor 1248	mg/L	0.00020 U	0.0002
SW8082	Aroclor 1254	mg/L	0.00020 U	0.0002
SW8082	Aroclor 1260	mg/L	0.00020 U	0.0002

Notes:

BOLD - Exceeds method detection limit

J - Estimated Value

mg/L – Milligrams per liter

U – Not detected at indicated method detection limit

TABLE 6
SURFACE AND GROUNDWATER ANALYTICAL RESULTS
Toxicity Characteristic Leaching Procedure
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

Site			Whirlpool Park	
Location			IA#3 / EU#2	IA#1 / EU#1
Field Sample ID			SW-2-052113W	MW-4-062013W
Sample Date			5/21/2013	6/20/2013
Analytical Method	Chemical Name	Units		
SW8260	1,1-Dichloroethene, TCLP	mg/L	0.02 U	0.1 U
SW8260	1,2-Dichloroethane, TCLP	mg/L	0.02 U	0.1 U
SW8270	1,4-Dichlorobenzene, TCLP	mg/L	0.1 U	0.1 U
SW8270	2,4,6-Trichlorophenol, TCLP	mg/L	0.1 U	0.1 U
SW8270	2,4,5-Trichlorophenol, TCLP	mg/L	0.1 U	0.1 U
SW8151	2,4,5-TP (Silvex), TCLP	mg/L	0.005 U	0.005 U
SW8151	2,4-D, TCLP	mg/L	0.005 U	0.005 U
SW8270	2,4-Dinitrotoluene, TCLP	mg/L	0.1 U	0.1 U
SW8260	2-Butanone, TCLP	mg/L	0.2 U	0.2 U
SW8260	Benzene, TCLP	mg/L	0.02 U	0.02 U
SW8260	Carbon tetrachloride, TCLP	mg/L	0.02 U	0.02 U
SW8081	Chlordane, Technical, TCLP	mg/L	0.005 U	0.005 U
SW8260	Chlorobenzene, TCLP	mg/L	0.02 U	0.02 U
SW8260	Chloroform, TCLP	mg/L	0.02 U	0.02 U
SW8081	Endrin, TCLP	mg/L	0.00025 U	0.00025 U
SW8081	gamma-BHC (Lindane), TCLP	mg/L	0.00025 U	0.00025 U
SW8081	Heptachlor, TCLP	mg/L	0.00025 U	0.00025 U
SW8270	Hexachloro-1,3-butadiene, TCLP	mg/L	0.1 U	0.1 U
SW8270	Hexachlorobenzene, TCLP	mg/L	0.1 U	0.1 U
SW8270	Hexachloroethane, TCLP	mg/L	0.1 U	0.1 U
SW8270	m-Cresol, TCLP	mg/L	0.1 U	0.1 U
SW8081	Methoxychlor, TCLP	mg/L	0.00025 U	0.00025 U
SW8270	Nitrobenzene, TCLP	mg/L	0.1 U	0.1 U
SW8270	o-Cresol, TCLP	mg/L	0.1 U	0.1 U
SW8270	p-Cresol, TCLP	mg/L	0.1 U	0.1 U
SW8270	Pentachlorophenol, TCLP	mg/L	0.4 U	0.4 U
SW8270	Pyridine, TCLP	mg/L	0.4 U	0.4 U
SW8260	Tetrachloroethene, TCLP	mg/L	0.02 U	0.02 U
SW8081	Toxaphene, TCLP	mg/L	0.02 U	0.02 U
SW8260	Trichloroethene, TCLP	mg/L	0.02 U	0.02 U
SW8260	Vinyl chloride, TCLP	mg/L	0.02 U	0.02 U
SW6020A	Arsenic, TCLP	mg/L	0.01 U	0.001 U
SW6020A	Barium, TCLP	mg/L	0.05 U	0.011
SW6020A	Cadmium, TCLP	mg/L	0.002 U	0.0002 U
SW6020A	Chromium, TCLP	mg/L	0.02 U	0.002 U
SW6020A	Lead, TCLP	mg/L	0.01 U	0.001 U
SW7470A	Mercury, TCLP	mg/L	0.002 U	0.0002 U
SW6020A	Selenium, TCLP	mg/L	0.02 U	0.002 U
SW6020A	Silver, TCLP	mg/L	0.005U	0.0005 U

Notes:

BOLD - Exceeds Method Detection Limit

J - Estimated Value

mg/L – Milligrams per liter

TCLP – Toxicity Characteristic Leaching Procedure

U – Not detected at indicated method detection limit

TABLE 7
SEDIMENT ANALYTICAL RESULTS
Volatile Organic Compounds and Semi-Volatile Organic Compounds
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

		Site	Whirlpool Park
		Location	IA#3 / EU#2
		Field Sample ID	SED-2-052113-0001W
		Sample Date	5/21/2013
Analytical Method	Chemical Name	Units	
Volatile Organic Compounds (VOCs)			
SW8260	1,1,2,2-Tetrachloroethane	mg/Kg	0.043 U
SW8260	1,1,2-Trichloroethane	mg/Kg	0.043 U
SW8260	1,1,2-Trichlorotrifluoroethane	mg/Kg	0.043 U
SW8260	1,1,1-Trichloroethane	mg/Kg	0.043 U
SW8260	1,1-Dichloroethane	mg/Kg	0.043 U
SW8260	1,1-Dichloroethene	mg/Kg	0.043 U
SW8260	1,2,4-Trichlorobenzene	mg/Kg	0.043 U
SW8260	1,2-Dibromo-3-chloropropane	mg/Kg	0.043 U
SW8260	1,2-Dibromoethane	mg/Kg	0.043 U
SW8260	1,2-Dichlorobenzene	mg/Kg	0.043 U
SW8260	1,2-Dichloroethane	mg/Kg	0.043 U
SW8260	1,2-Dichloropropane	mg/Kg	0.043 U
SW8260	1,3-Dichlorobenzene	mg/Kg	0.043 U
SW8260	1,4-Dichlorobenzene	mg/Kg	0.043 U
SW8260	2-Butanone	mg/Kg	0.28 U
SW8260	2-Hexanone	mg/Kg	0.043 U
SW8260	4-Methyl-2-pentanone	mg/Kg	0.043 U
SW8260	Acetone	mg/Kg	0.14 U
SW8260	Benzene	mg/Kg	0.043 U
SW8260	Bromodichloromethane	mg/Kg	0.043 U
SW8260	Bromoform	mg/Kg	0.043 U
SW8260	Bromomethane	mg/Kg	0.11 U
SW8260	Carbon disulfide	mg/Kg	0.043 U
SW8260	Carbon tetrachloride	mg/Kg	0.043 U
SW8260	Chlorobenzene	mg/Kg	0.043 U
SW8260	Chloroethane	mg/Kg	0.14 U
SW8260	Chloroform	mg/Kg	0.043 U
SW8260	Chloromethane	mg/Kg	0.14 U
SW8260	cis-1,2-Dichloroethene	mg/Kg	0.043 U
SW8260	cis-1,3-Dichloropropene	mg/Kg	0.043 U
SW8260	Cyclohexane	mg/Kg	0.043 U
SW8260	Dibromochloromethane	mg/Kg	0.043 U
SW8260	Dichlorodifluoromethane	mg/Kg	0.043 U
SW8260	Ethylbenzene	mg/Kg	0.043 U
SW8260	Isopropylbenzene	mg/Kg	0.043 U
SW8260	Methyl acetate	mg/Kg	0.28 U
SW8260	Methyl tert-butyl ether	mg/Kg	0.043 U
SW8260	Methylcyclohexane	mg/Kg	0.043 U
SW8260	Methylene chloride	mg/Kg	0.043 U
SW8260	Styrene	mg/Kg	0.043 U
SW8260	Tetrachloroethene	mg/Kg	0.043 U
SW8260	Toluene	mg/Kg	0.043 U
SW8260	trans-1,2-Dichloroethene	mg/Kg	0.043 U
SW8260	trans-1,3-Dichloropropene	mg/Kg	0.043 U
SW8260	Trichloroethene	mg/Kg	0.043 U
SW8260	Trichlorofluoromethane	mg/Kg	0.043 U

TABLE 7
SEDIMENT ANALYTICAL RESULTS
Volatile Organic Compounds and Semi-Volatile Organic Compounds
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

		Site	Whirlpool Park
		Location	IA#3 / EU#2
		Field Sample ID	SED-2-052113-0001W
		Sample Date	5/21/2013
Analytical Method	Chemical Name	Units	
SW8260	Vinyl chloride	mg/Kg	0.043 UJ
SW8260	Xylenes, Total	mg/Kg	0.13 U
Semivolatile Organic Compounds (SVOCs)			
SW8270	1,1-Biphenyl	mg/Kg	0.47 U
SW8270	2,4,5-Trichlorophenol	mg/Kg	0.23 U
SW8270	2,4,6-Trichlorophenol	mg/Kg	0.23 U
SW8270	2,4-Dichlorophenol	mg/Kg	0.23 U
SW8270	2,4-Dimethylphenol	mg/Kg	0.47 U
SW8270	2,4-Dinitrophenol	mg/Kg	0.94 U
SW8270	2,4-Dinitrotoluene	mg/Kg	0.23 U
SW8270	2,6-Dinitrotoluene	mg/Kg	0.23 U
SW8270	2-Chloronaphthalene	mg/Kg	0.11 U
SW8270	2-Chlorophenol	mg/Kg	0.23 U
SW8270	2-Methylnaphthalene	mg/Kg	0.11 U
SW8270	2-Methylphenol	mg/Kg	0.23 U
SW8270	2-Nitroaniline	mg/Kg	0.94 U
SW8270	2-Nitrophenol	mg/Kg	0.23 U
SW8270	3,3-Dichlorobenzidine	mg/Kg	0.94 U
SW8270	3-Nitroaniline	mg/Kg	0.94 U
SW8270	4,6-Dinitro-2-methylphenol	mg/Kg	0.47 U
SW8270	4-Bromophenyl phenyl ether	mg/Kg	0.23 U
SW8270	4-Chloro-3-methylphenol	mg/Kg	0.23 U
SW8270	4-Chloroaniline	mg/Kg	0.94 U
SW8270	4-Chlorophenyl phenyl ether	mg/Kg	0.23 U
SW8270	4-Methylphenol	mg/Kg	0.23 U
SW8270	4-Nitroaniline	mg/Kg	0.94 U
SW8270	4-Nitrophenol	mg/Kg	0.94 U
SW8270	Acenaphthene	mg/Kg	0.083
SW8270	Acenaphthylene	mg/Kg	0.043 U
SW8270	Acetophenone	mg/Kg	0.47 U
SW8270	Anthracene	mg/Kg	0.18
SW8270	Atrazine	mg/Kg	0.47 U
SW8270	Benzaldehyde	mg/Kg	0.47 U
SW8270	Benzo(a)anthracene	mg/Kg	0.37
SW8270	Benzo(a)pyrene	mg/Kg	0.32
SW8270	Benzo(b)fluoranthene	mg/Kg	0.44
SW8270	Benzo(g,h,i)perylene	mg/Kg	0.18
SW8270	Benzo(k)fluoranthene	mg/Kg	0.16
SW8270	Bis(2-chloroethoxy)methane	mg/Kg	0.23 U
SW8270	Bis(2-chloroethyl)ether	mg/Kg	0.23 U
SW8270	Bis(2-chloroisopropyl)ether	mg/Kg	0.23 U
SW8270	Bis(2-ethylhexyl)phthalate	mg/Kg	0.47 U
SW8270	Butyl benzyl phthalate	mg/Kg	0.23 U
SW8270	Caprolactam	mg/Kg	0.47 U
SW8270	Carbazole	mg/Kg	0.23 U
SW8270	Chrysene	mg/Kg	0.35

TABLE 7
SEDIMENT ANALYTICAL RESULTS
Volatile Organic Compounds and Semi-Volatile Organic Compounds
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

		Site	Whirlpool Park
		Location	IA#3 / EU#2
		Field Sample ID	SED-2-052113-0001W
		Sample Date	5/21/2013
Analytical Method	Chemical Name	Units	
SW8270	Dibenzo(a,h)anthracene	mg/Kg	0.05
SW8270	Dibenzofuran	mg/Kg	0.23 U
SW8270	Diethyl phthalate	mg/Kg	0.47 U
SW8270	Dimethyl phthalate	mg/Kg	0.47 U
SW8270	Di-n-butyl phthalate	mg/Kg	0.47 U
SW8270	Di-n-octyl phthalate	mg/Kg	0.23 U
SW8270	Fluoranthene	mg/Kg	0.74
SW8270	Fluorene	mg/Kg	0.099
SW8270	Hexachloro-1,3-butadiene	mg/Kg	0.23 U
SW8270	Hexachlorobenzene	mg/Kg	0.23 U
SW8270	Hexachlorocyclopentadiene	mg/Kg	0.47 U
SW8270	Hexachloroethane	mg/Kg	0.23 U
SW8270	Indeno(1,2,3-cd)pyrene	mg/Kg	0.2
SW8270	Isophorone	mg/Kg	0.23 U
SW8270	Naphthalene	mg/Kg	0.043 U
SW8270	Nitrobenzene	mg/Kg	0.23 U
SW8270	N-Nitrosodi-n-propylamine	mg/Kg	0.23 U
SW8270	N-Nitrosodiphenylamine	mg/Kg	0.23 U
SW8270	Pentachlorophenol	mg/Kg	0.47 U
SW8270	Phenanthrene	mg/Kg	0.69
SW8270	Phenol	mg/Kg	0.23 U
SW8270	Pyrene	mg/Kg	0.86

Notes:

BOLD - Exceeds method detection limit

J - Estimated Value

mg/Kg – Milligrams per kilogram

U – Not detected at indicated method detection limit

TABLE 8
SEDIMENT ANALYTICAL RESULTS
Metals, Pesticides, Herbicides and PCBs
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

Site		Whirlpool Park	
Location		IA#3 / EU#2	
Field Sample ID		SED-2-052113-0001W	
Sample Date		5/21/2013	
Analytical Method	Chemical Name	Units	
Total Target Analyte List (TAL) Metals			
SW6020A	Aluminum	mg/Kg	3,500
SW6020A	Antimony	mg/Kg	2.3 U
SW6020A	Arsenic	mg/Kg	2.9
SW6020A	Barium	mg/Kg	31
SW6020A	Beryllium	mg/Kg	0.92 U
SW6020A	Boron	mg/Kg	9.2 U
SW6020A	Cadmium	mg/Kg	0.92 U
SW6020A	Calcium	mg/Kg	24,000
SW6020A	Chromium	mg/Kg	6.2
SW6020A	Cobalt	mg/Kg	3.6
SW6020A	Copper	mg/Kg	13
SW7196A	Chromium, Hexavalent	mg/Kg	0.70 U
SW6020A	Iron	mg/Kg	9,800
SW6020A	Lead	mg/Kg	9.8
SW6020A	Magnesium	mg/Kg	5,800
SW6020A	Manganese	mg/Kg	100
SW7471	Mercury	mg/Kg	0.021 U
SW6020A	Nickel	mg/Kg	9
SW6020A	Potassium	mg/Kg	810
SW6020A	Selenium	mg/Kg	2.3 U
SW6020A	Silver	mg/Kg	2.3 U
SW6020A	Sodium	mg/Kg	92 U
SW6020A	Thallium	mg/Kg	2.3 U
SW6020A	Vanadium	mg/Kg	8.5
SW6020A	Zinc	mg/Kg	41
Pesticides and Herbicides			
SW8151	2,4,5-T	mg/Kg	0.069 U
SW8151	2,4,5-TP (Silvex)	mg/Kg	0.14 U
SW8151	2,4-D	mg/Kg	0.069 U
SW8081	4,4-DDD	mg/Kg	0.28 U
SW8081	4,4-DDE	mg/Kg	0.28 U
SW8081	4,4-DDT	mg/Kg	0.28 U
SW8081	Aldrin	mg/Kg	0.28 U
SW8081	alpha-BHC	mg/Kg	0.28 U
SW8081	alpha-Chlordane	mg/Kg	0.28 U
SW8081	beta-BHC	mg/Kg	0.28 U
SW8081	Chlordane, Technical	mg/Kg	0.7 U
SW8081	delta-BHC	mg/Kg	0.28 U
SW8081	Dieldrin	mg/Kg	0.28 U
SW8081	Endosulfan I	mg/Kg	0.28 U
SW8081	Endosulfan II	mg/Kg	0.28 U
SW8081	Endosulfan sulfate	mg/Kg	0.28 U
SW8081	Endrin	mg/Kg	0.28 U
SW8081	Endrin aldehyde	mg/Kg	0.28 U
SW8081	Endrin ketone	mg/Kg	0.28 U
SW8081	gamma-BHC (Lindane)	mg/Kg	0.28 U

TABLES
SEDIMENT ANALYTICAL RESULTS
Metals, Pesticides, Herbicides and PCBs
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

Site			Whirlpool Park
Location			IA#3 / EU#2
Field Sample ID			SED-2-052113-0001W
Sample Date			5/21/2013
Analytical Method	Chemical Name	Units	
SW8081	gamma-Chlordane	mg/Kg	0.28 U
SW8081	Heptachlor	mg/Kg	0.28 U
SW8081	Heptachlor epoxide	mg/Kg	0.28 U
SW8081	Methoxychlor	mg/Kg	0.28 U
SW8081	Toxaphene	mg/Kg	1.7 U
Polychlorinated Biphenyls (PCBs)			
SW8082	Aroclor 1016	mg/Kg	0.056 U
SW8082	Aroclor 1221	mg/Kg	0.056 U
SW8082	Aroclor 1232	mg/Kg	0.056 U
SW8082	Aroclor 1242	mg/Kg	0.056 U
SW8082	Aroclor 1248	mg/Kg	0.056 U
SW8082	Aroclor 1254	mg/Kg	0.056 U
SW8082	Aroclor 1260	mg/Kg	0.056 U

Notes:

BOLD - Exceeds method detection limit

J - Estimated Value

mg/Kg – Milligrams per kilogram

U – Not detected at indicated method detection limit

TABLE 9
SEDIMENT ANALYTICAL RESULTS
Toxicity Characteristic Leaching Procedure
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

			Site	Whirlpool Park
			Location	IA#3 / EU#2
			Field Sample ID	SED-2-052113-0001W
			Sample Date	5/21/2013
Analytical Method	Chemical Name	Units	0.02 U	
SW8260	1,1-Dichloroethene, TCLP	mg/L	0.02 U	
SW8260	1,2-Dichloroethane, TCLP	mg/L	0.1 U	
SW8270	1,4-Dichlorobenzene, TCLP	mg/L	0.1 U	
SW8270	2,4,6-Trichlorophenol, TCLP	mg/L	0.1 U	
SW8270	2,4,5-Trichlorophenol, TCLP	mg/L	0.1 U	
SW8151	2,4,5-TP (Silvex), TCLP	mg/L	0.005 U	
SW8151	2,4-D, TCLP	mg/L	0.005 U	
SW8270	2,4-Dinitrotoluene, TCLP	mg/L	0.1 U	
SW8260	2-Butanone, TCLP	mg/L	0.2 U	
SW8260	Benzene, TCLP	mg/L	0.02 U	
SW8260	Carbon tetrachloride, TCLP	mg/L	0.02 U	
SW8081	Chlordane, Technical, TCLP	mg/L	0.005 U	
SW8260	Chlorobenzene, TCLP	mg/L	0.02 U	
SW8260	Chloroform, TCLP	mg/L	0.02 U	
SW8081	Endrin, TCLP	mg/L	0.00025 U	
SW8081	gamma-BHC (Lindane), TCLP	mg/L	0.00025 U	
SW8081	Heptachlor, TCLP	mg/L	0.00025 U	
SW8270	Hexachloro-1,3-butadiene, TCLP	mg/L	0.1 U	
SW8270	Hexachlorobenzene, TCLP	mg/L	0.1 U	
SW8270	Hexachloroethane, TCLP	mg/L	0.1 U	
SW8270	m-Cresol, TCLP	mg/L	0.1 U	
SW8081	Methoxychlor, TCLP	mg/L	0.00025 U	
SW8270	Nitrobenzene, TCLP	mg/L	0.1 U	
SW8270	o-Cresol, TCLP	mg/L	0.1 U	
SW8270	p-Cresol, TCLP	mg/L	0.1 U	
SW8270	Pentachlorophenol, TCLP	mg/L	0.4 U	
SW8270	Pyridine, TCLP	mg/L	0.4 U	
SW8260	Tetrachloroethene, TCLP	mg/L	0.02 U	
SW8081	Toxaphene, TCLP	mg/L	0.02 U	
SW8260	Trichloroethene, TCLP	mg/L	0.02 U	
SW8260	Vinyl chloride, TCLP	mg/L	0.02 U	
SW6020A	Arsenic, TCLP	mg/L	0.01 U	
SW6020A	Barium, TCLP	mg/L	0.17	
SW6020A	Cadmium, TCLP	mg/L	0.002 U	
SW6020A	Chromium, TCLP	mg/L	0.02 U	
SW6020A	Lead, TCLP	mg/L	0.01 U	
SW7470A	Mercury, TCLP	mg/L	0.002 U	
SW6020A	Selenium, TCLP	mg/L	0.02 U	
SW6020A	Silver, TCLP	mg/L	0.005 U	

TABLE 9
SEDIMENT ANALYTICAL RESULTS
Toxicity Characteristic Leaching Procedure
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

Notes:

BOLD - Exceeds method detection limit

J - Estimated Value

mg/L – Milligrams per liter

TCLP – Toxicity Characteristic Leaching Procedure

U – Not detected at indicated method detection limit

TABLE 10
FILTER MEDIA ANALYTICAL RESULTS
Volatile Organic Compounds and Semi-Volatile Organic Compounds
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

			Site	Whirlpool Park
			Location	-
			Field Sample ID	AST-W1W
			Sample Date	5/22/2013
Analytical Method	Chemical Name	Units		
Volatile Organic Compounds (VOCs)				
SW8260	1,1,2,2-Tetrachloroethane	mg/Kg	0.032 U	
SW8260	1,1,2-Trichloroethane	mg/Kg	0.032 U	
SW8260	1,1,2-Trichlorotrifluoroethane	mg/Kg	0.032 U	
SW8260	1,1,1-Trichloroethane	mg/Kg	0.032 U	
SW8260	1,1-Dichloroethane	mg/Kg	0.032 U	
SW8260	1,1-Dichloroethene	mg/Kg	0.032 U	
SW8260	1,2,4-Trichlorobenzene	mg/Kg	0.032 U	
SW8260	1,2-Dibromo-3-chloropropane	mg/Kg	0.032 U	
SW8260	1,2-Dibromoethane	mg/Kg	0.032 U	
SW8260	1,2-Dichlorobenzene	mg/Kg	0.032 U	
SW8260	1,2-Dichloroethane	mg/Kg	0.032 U	
SW8260	1,2-Dichloropropane	mg/Kg	0.032 U	
SW8260	1,3-Dichlorobenzene	mg/Kg	0.032 U	
SW8260	1,4-Dichlorobenzene	mg/Kg	0.032 U	
SW8260	2-Butanone	mg/Kg	0.21 U	
SW8260	2-Hexanone	mg/Kg	0.032 U	
SW8260	4-Methyl-2-pentanone	mg/Kg	0.032 U	
SW8260	Acetone	mg/Kg	0.11 U	
SW8260	Benzene	mg/Kg	0.032 U	
SW8260	Bromodichloromethane	mg/Kg	0.032 U	
SW8260	Bromoform	mg/Kg	0.032 U	
SW8260	Bromomethane	mg/Kg	0.08 U	
SW8260	Carbon disulfide	mg/Kg	0.032 U	
SW8260	Carbon tetrachloride	mg/Kg	0.032 U	
SW8260	Chlorobenzene	mg/Kg	0.032 U	
SW8260	Chloroethane	mg/Kg	0.11 U	
SW8260	Chloroform	mg/Kg	0.032 U	
SW8260	Chloromethane	mg/Kg	0.11 U	
SW8260	cis-1,2-Dichloroethene	mg/Kg	0.032 U	
SW8260	cis-1,3-Dichloropropene	mg/Kg	0.032 U	
SW8260	Cyclohexane	mg/Kg	0.032 U	
SW8260	Dibromochloromethane	mg/Kg	0.032 U	
SW8260	Dichlorodifluoromethane	mg/Kg	0.032 U	
SW8260	Ethylbenzene	mg/Kg	0.032 U	
SW8260	Isopropylbenzene	mg/Kg	0.032 U	
SW8260	Methyl acetate	mg/Kg	0.21 U	
SW8260	Methyl tert-butyl ether	mg/Kg	0.032 U	
SW8260	Methylcyclohexane	mg/Kg	0.032 U	
SW8260	Methylene chloride	mg/Kg	0.032 U	
SW8260	Styrene	mg/Kg	0.032 U	
SW8260	Tetrachloroethene	mg/Kg	0.032 U	
SW8260	Toluene	mg/Kg	0.032 U	
SW8260	trans-1,2-Dichloroethene	mg/Kg	0.032 U	
SW8260	trans-1,3-Dichloropropene	mg/Kg	0.032 U	
SW8260	Trichloroethene	mg/Kg	0.032 U	
SW8260	Trichlorofluoromethane	mg/Kg	0.032 U	

TABLE 10
FILTER MEDIA ANALYTICAL RESULTS
Volatile Organic Compounds and Semi-Volatile Organic Compounds
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

			Site
			Whirlpool Park
			Location
			-
			Field Sample ID
			AST-W1W
			Sample Date
			5/22/2013
Analytical Method	Chemical Name	Units	
SW8260	Vinyl chloride	mg/Kg	0.032 U
SW8260	Xylenes, Total	mg/Kg	0.096 U
Semivolatile Organic Compounds (SVOCs)			
SW8270	1,1-Biphenyl	mg/Kg	0.34 U
SW8270	2,4,5-Trichlorophenol	mg/Kg	0.16 U
SW8270	2,4,6-Trichlorophenol	mg/Kg	0.16 U
SW8270	2,4-Dichlorophenol	mg/Kg	0.16U
SW8270	2,4-Dimethylphenol	mg/Kg	0.34 U
SW8270	2,4-Dinitrophenol	mg/Kg	0.68 U
SW8270	2,4-Dinitrotoluene	mg/Kg	0.16 U
SW8270	2,6-Dinitrotoluene	mg/Kg	0.16 U
SW8270	2-Chloronaphthalene	mg/Kg	0.082U
SW8270	2-Chlorophenol	mg/Kg	0.16U
SW8270	2-Methylnaphthalene	mg/Kg	0.082U
SW8270	2-Nitroaniline	mg/Kg	0.16U
SW8270	2-Nitrophenol	mg/Kg	0.68 U
SW8270	3,3-Dichlorobenzidine	mg/Kg	0.16 U
SW8270	3-Nitroaniline	mg/Kg	0.68 U
SW8270	4,6-Dinitro-2-methylphenol	mg/Kg	0.68 U
SW8270	4-Bromophenyl phenyl ether	mg/Kg	0.34 U
SW8270	4-Chloro-3-methylphenol	mg/Kg	0.16 U
SW8270	4-Chloroaniline	mg/Kg	0.16 U
SW8270	4-Chlorophenyl phenyl ether	mg/Kg	0.68 U
SW8270	4-Nitroaniline	mg/Kg	0.16 U
SW8270	4-Nitrophenol	mg/Kg	0.16 U
SW8270	Acenaphthene	mg/Kg	0.68 U
SW8270	Acenaphthylene	mg/Kg	0.68 U
SW8270	Acetophenone	mg/Kg	0.031 U
SW8270	Anthracene	mg/Kg	0.031 U
SW8270	Atrazine	mg/Kg	0.34 U
SW8270	Benzaldehyde	mg/Kg	0.031 U
SW8270	Benzo(a)anthracene	mg/Kg	0.056
SW8270	Benzo(a)pyrene	mg/Kg	0.067
SW8270	Benzo(b)fluoranthene	mg/Kg	0.086
SW8270	Benzo(g,h,i)perylene	mg/Kg	0.031 U
SW8270	Benzo(k)fluoranthene	mg/Kg	0.031 U
SW8270	Bis(2-chloroethoxy)methane	mg/Kg	0.031 U
SW8270	Bis(2-chloroethyl)ether	mg/Kg	0.031 U
SW8270	Bis(2-chloroisopropyl)ether	mg/Kg	0.16 U
SW8270	Bis(2-ethylhexyl)phthalate	mg/Kg	0.16 U
SW8270	Butyl benzyl phthalate	mg/Kg	0.16 U
SW8270	Caprolactam	mg/Kg	0.34 U
SW8270	Carbazole	mg/Kg	0.16 U
SW8270	Chrysene	mg/Kg	0.047
SW8270	Dibenzo(a,h)anthracene	mg/Kg	0.16 U
SW8270	Dibenzofuran	mg/Kg	0.031 U
SW8270	Diethyl phthalate	mg/Kg	0.031 U

TABLE 10
FILTER MEDIA ANALYTICAL RESULTS
Volatile Organic Compounds and Semi-Volatile Organic Compounds
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

			Site
			Whirlpool Park
			Location
			-
			Field Sample ID
			AST-W1W
			Sample Date
			5/22/2013
Analytical Method	Chemical Name	Units	
SW8270	Dimethyl phthalate	mg/Kg	0.16 U
SW8270	Di-n-butyl phthalate	mg/Kg	0.34 U
SW8270	Di-n-octyl phthalate	mg/Kg	0.34 U
SW8270	Fluoranthene	mg/Kg	0.065
SW8270	Fluorene	mg/Kg	0.16 U
SW8270	Hexachloro-1,3-butadiene	mg/Kg	0.031 U
SW8270	Hexachlorobenzene	mg/Kg	0.031 U
SW8270	Hexachlorocyclopentadiene	mg/Kg	0.16 U
SW8270	Hexachloroethane	mg/Kg	0.16 U
SW8270	Indeno(1,2,3-cd)pyrene	mg/Kg	0.34 U
SW8270	Isophorone	mg/Kg	0.16 U
SW8270	Naphthalene	mg/Kg	0.031 U
SW8270	Nitrobenzene	mg/Kg	0.16 U
SW8270	N-Nitrosodi-n-propylamine	mg/Kg	0.031 U
SW8270	N-Nitrosodiphenylamine	mg/Kg	0.16 U
SW8270	o-Cresol	mg/Kg	0.16 U
SW8270	p-Cresol	mg/Kg	0.16 U
SW8270	Pentachlorophenol	mg/Kg	0.34 U
SW8270	Phenanthrene	mg/Kg	0.031 U
SW8270	Phenol	mg/Kg	0.16 U
SW8270	Pyrene	mg/Kg	0.062

Notes:

BOLD - Exceeds method detection limit

J - Estimated Value

mg/Kg – Milligrams per kilogram

U – Not detected at indicated method detection limit

TABLE 11
FILTER MEDIA ANALYTICAL RESULTS
Metals, Pesticides, Herbicides and PCBs
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

Site			Whirlpool Park
Location			-
Field Sample ID			AST-W1W
Sample Date			5/22/2013
Analytical Method	Chemical Name	Units	
Total Target Analyte List (TAL) Metals			
SW6020A	Aluminum	mg/Kg	3,700
SW6020A	Antimony	mg/Kg	1.7 U
SW6020A	Arsenic	mg/Kg	1.7 U
SW6020A	Barium	mg/Kg	6.7
SW6020A	Beryllium	mg/Kg	0.68 U
SW6020A	Boron	mg/Kg	6.8 U
SW6020A	Cadmium	mg/Kg	0.68U
SW6020A	Calcium	mg/Kg	8,400
SW6020A	Chromium	mg/Kg	15
SW6020A	Cobalt	mg/Kg	3.7
SW6020A	Copper	mg/Kg	4,500
SW7196A	Chromium, Hexavalent	mg/Kg	0.52 U
SW6020A	Iron	mg/Kg	20,000
SW6020A	Lead	mg/Kg	9.3
SW6020A	Magnesium	mg/Kg	1,400
SW6020A	Manganese	mg/Kg	210
SW7471	Mercury	mg/Kg	0.82
SW6020A	Nickel	mg/Kg	11
SW6020A	Potassium	mg/Kg	140
SW6020A	Selenium	mg/Kg	1.7 U
SW6020A	Silver	mg/Kg	1.7 U
SW6020A	Sodium	mg/Kg	680 U
SW6020A	Thallium	mg/Kg	1.7 U
SW6020A	Vanadium	mg/Kg	11
SW6020A	Zinc	mg/Kg	55
Pesticides and Herbicides			
SW8151	2,4,5-T	mg/Kg	0.052 U
SW8151	2,4,5-TP (Silvex)	mg/Kg	0.1 U
SW8151	2,4-D	mg/Kg	0.052 U
SW8081	4,4-DDD	mg/Kg	0.02 U
SW8081	4,4-DDE	mg/Kg	0.02 U
SW8081	4,4-DDT	mg/Kg	0.02 U
SW8081	Aldrin	mg/Kg	0.02 U
SW8081	alpha-BHC	mg/Kg	0.02 U
SW8081	alpha-Chlordane	mg/Kg	0.02 U
SW8081	beta-BHC	mg/Kg	0.02 U
SW8081	Chlordane, Technical	mg/Kg	0.051 U
SW8081	delta-BHC	mg/Kg	0.02 U
SW8081	Dieldrin	mg/Kg	0.02 U
SW8081	Endosulfan I	mg/Kg	0.02 U
SW8081	Endosulfan II	mg/Kg	0.02 U
SW8081	Endosulfan sulfate	mg/Kg	0.02 U
SW8081	Endrin	mg/Kg	0.02 U
SW8081	Endrin aldehyde	mg/Kg	0.02 U
SW8081	Endrin ketone	mg/Kg	0.02 UJ

TABLE 11
FILTER MEDIA ANALYTICAL RESULTS
Metals, Pesticides, Herbicides and PCBs
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

			Site	Whirlpool Park
			Location	-
			Field Sample ID	AST-W1W
			Sample Date	5/22/2013
Analytical Method	Chemical Name		Units	
SW8081	gamma-BHC (Lindane)		mg/Kg	0.02 U
SW8081	gamma-Chlordane		mg/Kg	0.02 U
SW8081	Heptachlor		mg/Kg	0.02 U
SW8081	Heptachlor epoxide		mg/Kg	0.02 U
SW8081	Methoxychlor		mg/Kg	0.02 U
SW8081	Toxaphene		mg/Kg	0.12 U
Polychlorinated Biphenyls (PCBs)				
SW8082	Aroclor 1016		mg/Kg	0.041 U
SW8083	Aroclor 1221		mg/Kg	0.041 U
SW8084	Aroclor 1232		mg/Kg	0.041 U
SW8085	Aroclor 1242		mg/Kg	0.041 U
SW8086	Aroclor 1248		mg/Kg	0.041 U
SW8087	Aroclor 1254		mg/Kg	0.041 U
SW8088	Aroclor 1260		mg/Kg	0.041 U

Notes:

BOLD - Exceeds method detection limit

J - Estimated Value

mg/Kg – Milligrams per kilogram

U – Not detected at indicated method detection limit

TABLE 12
FILTER MEDIA ANALYTICAL RESULTS
Toxicity Characteristic Leaching Procedure
Whirlpool Park Site
Green Springs, Sandusky County, Ohio

			Site
			Whirlpool Park
			Location
			-
			Field Sample ID
			AST-W1W
			Sample Date
			5/22/2013
Analytical Method	Chemical Name	Units	0.02 U
SW8260	1,1-Dichloroethene, TCLP	mg/L	0.02 U
SW8260	1,2-Dichloroethane, TCLP	mg/L	0.1 U
SW8270	1,4-Dichlorobenzene, TCLP	mg/L	0.1 U
SW8270	2,4,6-Trichlorophenol, TCLP	mg/L	0.1 U
SW8270	2,4,5-Trichlorophenol, TCLP	mg/L	0.1 U
SW8151	2,4,5-TP (Silvex), TCLP	mg/L	0.005 U
SW8151	2,4-D, TCLP	mg/L	0.005 U
SW8270	2,4-Dinitrotoluene, TCLP	mg/L	0.1 U
SW8260	2-Butanone, TCLP	mg/L	0.2 U
SW8260	Benzene, TCLP	mg/L	0.02 U
SW8260	Carbon tetrachloride, TCLP	mg/L	0.02 U
SW8081	Chlordane, Technical, TCLP	mg/L	0.005 U
SW8260	Chlorobenzene, TCLP	mg/L	0.02 U
SW8260	Chloroform, TCLP	mg/L	0.02 U
SW8081	Endrin, TCLP	mg/L	0.00025 U
SW8081	gamma-BHC (Lindane), TCLP	mg/L	0.00025 U
SW8081	Heptachlor, TCLP	mg/L	0.00025 U
SW8270	Hexachloro-1,3-butadiene, TCLP	mg/L	0.1 U
SW8270	Hexachlorobenzene, TCLP	mg/L	0.1 U
SW8270	Hexachloroethane, TCLP	mg/L	0.1 U
SW8270	m-Cresol, TCLP	mg/L	0.1 U
SW8081	Methoxychlor, TCLP	mg/L	0.00025 U
SW8270	Nitrobenzene, TCLP	mg/L	0.1 U
SW8270	o-Cresol, TCLP	mg/L	0.1 U
SW8270	p-Cresol, TCLP	mg/L	0.1 U
SW8270	Pentachlorophenol, TCLP	mg/L	0.4 U
SW8270	Pyridine, TCLP	mg/L	0.4 U
SW8260	Tetrachloroethene, TCLP	mg/L	0.02 U
SW8081	Toxaphene, TCLP	mg/L	0.02 U
SW8260	Trichloroethene, TCLP	mg/L	0.02 U
SW8260	Vinyl chloride, TCLP	mg/L	0.02 U
SW6020A	Arsenic, TCLP	mg/L	0.01 U
SW6020A	Barium, TCLP	mg/L	0.093
SW6020A	Cadmium, TCLP	mg/L	0.0025
SW6020A	Chromium, TCLP	mg/L	0.02 U
SW6020A	Lead, TCLP	mg/L	0.01 U
SW7470A	Mercury, TCLP	mg/L	0.002 U
SW6020A	Selenium, TCLP	mg/L	0.02 U
SW6020A	Silver, TCLP	mg/L	0.005 U

Notes:

BOLD - Exceeds method detection limit

J - Estimated Value

mg/L – Milligrams per liter

TCLP – Toxicity Characteristic Leaching Procedure

U – Not detected at indicated method detection limit

APPENDIX A
PHOTOGRAPHIC DOCUMENTATION



Site: Whirlpool Park

Photograph No.: 1

Direction: North

Subject: Subsurface soil sampling at location IA-1-S1 in Identified Area (IA) #1 using a Geoprobe drill rig.

Date: 5/20/13

Photographer: A. Kiel



Site: Whirlpool Park

Photograph No.: 2

Direction: West

Subject: Shed filter media sampling

Date: 5/20/13

Photographer: A. Kiel



Site: Whirlpool Park

Photograph No.: 3

Direction: Northwest

Subject: Surface water sampling at location SW-2 in IA#1

Date: 5/21/13

Photographer: A. Kiel



Site: Whirlpool Park

Photograph No.: 4

Direction: Southwest

Subject: Installation of monitoring well MW-2 in IA#2 using a roto sonic drill rig

Date: 5/30/13

Photographer: A. Kiel



Site: Whirlpool Park

Photograph No.: 5

Direction: Southeast

Subject: Excavation of test trench TT-7 within the fill area in IA#3

Date: 5/30/13

Photographer: A. Kiel



Site: Whirlpool Park

Photograph No.: 6

Direction: East

Subject: Excavation of test trench TT-2 south of the fill area in IA#3

Date: 5/30/13

Photographer: A. Kiel



Site: Whirlpool Park

Photograph No.: 7

Direction: Northwest

Subject: Excavated material within the fill area in IA#3

Date: 5/30/13

Photographer: A. Kiel



Site: Whirlpool Park

Photograph No.: 8

Direction: East

Subject: Purging and collecting groundwater samples from monitoring well MW-6 in IA#3

Date: 5/30/13

Photographer: A. Kiel

APPENDIX B
LABORATORY ANALYTICAL REPORTS



31-May-2013

Lisa Graczyk
Weston Solutions, Inc
20 North Wacker Drive
Suite 1210
Chicago, IL 60606

Re: **20405.016.001.2063.00-Whirlpool Park Site**

Work Order: **1305868**

Dear Lisa,

ALS Environmental received 9 samples on 21-May-2013 for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Sample results are compliant with NELAP standard requirements and QC results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 109.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Tom Beamish".

Electronically approved by: Tom Beamish

Tom Beamish
Senior Project Manager



Certificate No: MN 532786

Report of Laboratory Analysis

ADDRESS 3352 128th Avenue Holland, Michigan 49424-9263 | PHONE (616) 399-6070 | FAX (616) 399-6185

ALS GROUP USA, CORP Part of the ALS Group An ALS Limited Company

Environmental

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Work Order: 1305868

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
1305868-01	IA2-56-000.5W	Soil		05/20/13 11:25	05/21/13 08:00	<input type="checkbox"/>
1305868-02	IA1-54-0-2W	Soil		05/20/13 13:41	05/21/13 08:00	<input type="checkbox"/>
1305868-03	IA1-513-2-4W	Soil		05/20/13 15:55	05/21/13 08:00	<input type="checkbox"/>
1305868-04	SW-2-052113W	Water		05/21/13 08:33	05/21/13 08:00	<input type="checkbox"/>
1305868-05	SED-2-052113-0001W	Soil		05/21/13 09:00	05/21/13 08:00	<input type="checkbox"/>
1305868-06	IA1-59-2-4W	Soil		05/21/13 10:10	05/21/13 08:00	<input type="checkbox"/>
1305868-07	Trip Blank-01	Water		05/21/13	05/21/13 08:00	<input type="checkbox"/>
1305868-08	Trip Blank-02	Soil		05/21/13	05/21/13 08:00	<input type="checkbox"/>
1305868-09	SW-2-052113W	Tclp Extract		05/21/13 08:33	05/21/13 08:00	<input type="checkbox"/>

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
WorkOrder: 1305868

**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
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
TDL	Target Detection Limit
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

<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
s.u.	Standard Units

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Work Order: 1305868

Case Narrative**Analytical Comments:**

Batch 48697, Method ICP_6020_S, Sample 1305868-01B: The metals reporting limits are elevated due to dilution for high concentrations of non-target analytes.

Batch 48697, Method ICP_6020_S, Sample 1305868-02B: The metals reporting limits are elevated due to dilution for high concentrations of non-target analytes.

Batch 48697, Method ICP_6020_S, Sample 1305868-03B: The metals reporting limits are elevated due to dilution for high concentrations of non-target analytes.

Batch 48697, Method ICP_6020_S, Sample 1305868-05B: The metals reporting limits are elevated due to dilution for high concentrations of non-target analytes.

Batch 48697, Method ICP_6020_S, Sample 1305868-06B: The metals reporting limits are elevated due to dilution for high concentrations of non-target analytes.

QC Comments:

Batch 48626, Method HRB_8151_S, Sample HLCSS1-48626: The LCS recovery was above the upper control limit. All sample results in the batch were non-detect. No qualification is necessary for 2,4-D.

Batch 48626, Method HRB_8151_S, Sample 1305868-01B MSD: The MSD recovery was above the upper control limit. The corresponding result in the parent sample was non-detect. No qualification is required for 2,4-D.

Batch 48627, Method VOC_8260_S, Sample LCS1-48627: The LCS recovery was outside of the lower control limit but within the Sporadic Marginal Exceedence limit. No qualification is necessary for Vinyl chloride.

Batch R121237, Method VOC_8260_W, Sample VLCSW1-130523: The LCS recovery was above the upper control limit. All sample results in the batch were non-detect. No qualification is necessary for 1,2-Dibromoethane.

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: IA2-56-000.5W

Lab ID: 1305868-01

Collection Date: 05/20/13 11:25 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/24/13	Analyst: JD
2,4,5-T	ND		0.053	mg/Kg-dry	1	05/29/13 02:54 PM
2,4,5-TP (Silvex)	ND		0.11	mg/Kg-dry	1	05/29/13 02:54 PM
2,4-D	ND		0.053	mg/Kg-dry	1	05/29/13 02:54 PM
Surr: DCAA	110		30-150	%REC	1	05/29/13 02:54 PM
PCBS			SW8082		Prep Date: 05/23/13	Analyst: JD
Aroclor 1016	ND		0.041	mg/Kg-dry	1	05/24/13 02:00 PM
Aroclor 1221	ND		0.041	mg/Kg-dry	1	05/24/13 02:00 PM
Aroclor 1232	ND		0.041	mg/Kg-dry	1	05/24/13 02:00 PM
Aroclor 1242	ND		0.041	mg/Kg-dry	1	05/24/13 02:00 PM
Aroclor 1248	ND		0.041	mg/Kg-dry	1	05/24/13 02:00 PM
Aroclor 1254	ND		0.041	mg/Kg-dry	1	05/24/13 02:00 PM
Aroclor 1260	ND		0.041	mg/Kg-dry	1	05/24/13 02:00 PM
Surr: Decachlorobiphenyl	74.1		40-140	%REC	1	05/24/13 02:00 PM
PESTICIDES			SW8081		Prep Date: 05/23/13	Analyst: JD
4,4'-DDD	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
4,4'-DDE	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
4,4'-DDT	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Aldrin	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
alpha-BHC	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
alpha-Chlordane	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
beta-BHC	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Chlordane, Technical	ND		0.10	mg/Kg-dry	4	05/24/13 12:20 PM
delta-BHC	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Dieldrin	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Endosulfan I	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Endosulfan II	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Endosulfan sulfate	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Endrin	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Endrin aldehyde	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Endrin ketone	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
gamma-BHC (Lindane)	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
gamma-Chlordane	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Heptachlor	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Heptachlor epoxide	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Methoxychlor	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Toxaphene	ND		0.25	mg/Kg-dry	4	05/24/13 12:20 PM
Surr: Decachlorobiphenyl	112		45-135	%REC	4	05/24/13 12:20 PM
Surr: Tetrachloro-m-xylene	96.1		45-124	%REC	4	05/24/13 12:20 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: IA2-56-000.5W

Lab ID: 1305868-01

Collection Date: 05/20/13 11:25 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 05/22/13	Analyst: LR
Mercury	0.035		0.015	mg/Kg-dry	1	05/22/13 05:30 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/28/13	Analyst: ML
Aluminum	6,700		3.5	mg/Kg-dry	5	05/29/13 03:14 PM
Antimony	ND		1.8	mg/Kg-dry	5	05/28/13 05:58 PM
Arsenic	7.9		1.8	mg/Kg-dry	5	05/28/13 05:58 PM
Barium	58		1.8	mg/Kg-dry	5	05/28/13 05:58 PM
Beryllium	ND		0.70	mg/Kg-dry	5	05/29/13 03:14 PM
Boron	ND		7.0	mg/Kg-dry	5	05/29/13 03:14 PM
Cadmium	ND		0.70	mg/Kg-dry	5	05/28/13 05:58 PM
Calcium	25,000		180	mg/Kg-dry	5	05/28/13 05:58 PM
Chromium	11		1.8	mg/Kg-dry	5	05/28/13 05:58 PM
Cobalt	5.1		1.8	mg/Kg-dry	5	05/29/13 03:14 PM
Copper	11		1.8	mg/Kg-dry	5	05/28/13 05:58 PM
Iron	16,000		28	mg/Kg-dry	5	05/28/13 05:58 PM
Lead	14		1.8	mg/Kg-dry	5	05/28/13 05:58 PM
Magnesium	9,500		70	mg/Kg-dry	5	05/29/13 03:14 PM
Manganese	300		1.8	mg/Kg-dry	5	05/28/13 05:58 PM
Nickel	13		1.8	mg/Kg-dry	5	05/28/13 05:58 PM
Potassium	1,000		70	mg/Kg-dry	5	05/28/13 05:58 PM
Selenium	ND		1.8	mg/Kg-dry	5	05/28/13 05:58 PM
Silver	ND		1.8	mg/Kg-dry	5	05/28/13 05:58 PM
Sodium	85		70	mg/Kg-dry	5	05/29/13 03:14 PM
Thallium	ND		1.8	mg/Kg-dry	5	05/28/13 05:58 PM
Vanadium	17		1.8	mg/Kg-dry	5	05/28/13 05:58 PM
Zinc	51		3.5	mg/Kg-dry	5	05/28/13 05:58 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/22/13	Analyst: RM
1,1'-Biphenyl	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
2,4,5-Trichlorophenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
2,4,6-Trichlorophenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
2,4-Dichlorophenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
2,4-Dimethylphenol	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
2,4-Dinitrophenol	ND		0.70	mg/Kg-dry	1	05/23/13 02:24 PM
2,4-Dinitrotoluene	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
2,6-Dinitrotoluene	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
2-Chloronaphthalene	ND		0.085	mg/Kg-dry	1	05/23/13 02:24 PM
2-Chlorophenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
2-Methylnaphthalene	ND		0.085	mg/Kg-dry	1	05/23/13 02:24 PM
2-Methylphenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: IA2-56-000.5W

Lab ID: 1305868-01

Collection Date: 05/20/13 11:25 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.70	mg/Kg-dry	1	05/23/13 02:24 PM
2-Nitrophenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
3,3'-Dichlorobenzidine	ND		0.70	mg/Kg-dry	1	05/23/13 02:24 PM
3-Nitroaniline	ND		0.70	mg/Kg-dry	1	05/23/13 02:24 PM
4,6-Dinitro-2-methylphenol	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
4-Bromophenyl phenyl ether	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
4-Chloro-3-methylphenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
4-Chloroaniline	ND		0.70	mg/Kg-dry	1	05/23/13 02:24 PM
4-Chlorophenyl phenyl ether	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
4-Methylphenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
4-Nitroaniline	ND		0.70	mg/Kg-dry	1	05/23/13 02:24 PM
4-Nitrophenol	ND		0.70	mg/Kg-dry	1	05/23/13 02:24 PM
Acenaphthene	ND		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Acenaphthylene	ND		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Acetophenone	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
Anthracene	ND		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Atrazine	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
Benzaldehyde	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
Benzo(a)anthracene	0.045		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Benzo(a)pyrene	0.051		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Benzo(b)fluoranthene	0.068		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Benzo(g,h,i)perylene	0.035		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Benzo(k)fluoranthene	ND		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Bis(2-chloroethoxy)methane	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
Bis(2-chloroethyl)ether	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
Bis(2-chloroisopropyl)ether	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
Bis(2-ethylhexyl)phthalate	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
Butyl benzyl phthalate	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
Caprolactam	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
Carbazole	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
Chrysene	0.053		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Dibenzo(a,h)anthracene	ND		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Dibenzofuran	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
Diethyl phthalate	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
Dimethyl phthalate	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
Di-n-butyl phthalate	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
Di-n-octyl phthalate	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
Fluoranthene	0.070		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Fluorene	ND		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Hexachlorobenzene	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: IA2-56-000.5W

Lab ID: 1305868-01

Collection Date: 05/20/13 11:25 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
Hexachlorocyclopentadiene	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
Hexachloroethane	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
Indeno(1,2,3-cd)pyrene	0.040		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Isophorone	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
Naphthalene	ND		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Nitrobenzene	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
N-Nitrosodi-n-propylamine	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
N-Nitrosodiphenylamine	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
Pentachlorophenol	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
Phenanthrene	ND		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Phenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
Pyrene	0.087		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Surr: 2,4,6-Tribromophenol	79.6		34-140	%REC	1	05/23/13 02:24 PM
Surr: 2-Fluorobiphenyl	77.6		12-100	%REC	1	05/23/13 02:24 PM
Surr: 2-Fluorophenol	99.6		33-117	%REC	1	05/23/13 02:24 PM
Surr: 4-Terphenyl-d14	125		25-137	%REC	1	05/23/13 02:24 PM
Surr: Nitrobenzene-d5	81.1		37-107	%REC	1	05/23/13 02:24 PM
Surr: Phenol-d6	97.5		40-106	%REC	1	05/23/13 02:24 PM
VOLATILE ORGANIC COMPOUNDS			SW8260		Prep Date: 05/23/13	Analyst: AK
1,1,1-Trichloroethane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,1,2,2-Tetrachloroethane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,1,2-Trichloroethane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,1,2-Trichlorotrifluoroethane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,1-Dichloroethane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,1-Dichloroethene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,2,4-Trichlorobenzene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,2-Dibromo-3-chloropropane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,2-Dibromoethane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,2-Dichlorobenzene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,2-Dichloroethane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,2-Dichloropropane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,3-Dichlorobenzene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,4-Dichlorobenzene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
2-Butanone	ND		0.22	mg/Kg-dry	1	05/23/13 08:09 PM
2-Hexanone	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
4-Methyl-2-pentanone	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Acetone	ND		0.11	mg/Kg-dry	1	05/23/13 08:09 PM
Benzene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Bromodichloromethane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: IA2-56-000.5W
Collection Date: 05/20/13 11:25 AM

Work Order: 1305868
Lab ID: 1305868-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Bromomethane	ND		0.081	mg/Kg-dry	1	05/23/13 08:09 PM
Carbon disulfide	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Carbon tetrachloride	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Chlorobenzene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Chloroethane	ND		0.11	mg/Kg-dry	1	05/23/13 08:09 PM
Chloroform	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Chloromethane	ND		0.11	mg/Kg-dry	1	05/23/13 08:09 PM
cis-1,2-Dichloroethene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
cis-1,3-Dichloropropene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Cyclohexane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Dibromochloromethane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Dichlorodifluoromethane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Ethylbenzene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Isopropylbenzene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Methyl acetate	ND		0.22	mg/Kg-dry	1	05/23/13 08:09 PM
Methyl tert-butyl ether	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Methylcyclohexane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Methylene chloride	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Styrene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Tetrachloroethene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Toluene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
trans-1,2-Dichloroethene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
trans-1,3-Dichloropropene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Trichloroethene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Trichlorofluoromethane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Vinyl chloride	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Xylenes, Total	ND		0.098	mg/Kg-dry	1	05/23/13 08:09 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	106		70-130	%REC	1	05/23/13 08:09 PM
<i>Surr: 4-Bromofluorobenzene</i>	99.4		70-130	%REC	1	05/23/13 08:09 PM
<i>Surr: Dibromofluoromethane</i>	101		70-130	%REC	1	05/23/13 08:09 PM
<i>Surr: Toluene-d8</i>	101		70-130	%REC	1	05/23/13 08:09 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/22/13	Analyst: MB
Chromium, Hexavalent	ND		0.54	mg/Kg-dry	1	05/23/13 02:00 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	7.7		0.050	% of sample	1	05/22/13 02:49 PM
PH			SW9045D			Analyst: CH
pH	8.3			s.u.	1	05/23/13 02:30 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: IA1-54-0-2W

Lab ID: 1305868-02

Collection Date: 05/20/13 01:41 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/24/13	Analyst: JD
2,4,5-T	ND		0.055	mg/Kg-dry	1	05/29/13 03:50 PM
2,4,5-TP (Silvex)	ND		0.11	mg/Kg-dry	1	05/29/13 03:50 PM
2,4-D	ND		0.055	mg/Kg-dry	1	05/29/13 03:50 PM
Surr: DCAA	106		30-150	%REC	1	05/29/13 03:50 PM
PCBS			SW8082		Prep Date: 05/23/13	Analyst: JD
Aroclor 1016	ND		0.045	mg/Kg-dry	1	05/24/13 02:59 PM
Aroclor 1221	ND		0.045	mg/Kg-dry	1	05/24/13 02:59 PM
Aroclor 1232	ND		0.045	mg/Kg-dry	1	05/24/13 02:59 PM
Aroclor 1242	ND		0.045	mg/Kg-dry	1	05/24/13 02:59 PM
Aroclor 1248	ND		0.045	mg/Kg-dry	1	05/24/13 02:59 PM
Aroclor 1254	ND		0.045	mg/Kg-dry	1	05/24/13 02:59 PM
Aroclor 1260	ND		0.045	mg/Kg-dry	1	05/24/13 02:59 PM
Surr: Decachlorobiphenyl	93.1		40-140	%REC	1	05/24/13 02:59 PM
PESTICIDES			SW8081		Prep Date: 05/23/13	Analyst: JD
4,4'-DDD	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
4,4'-DDE	0.093		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
4,4'-DDT	0.060		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Aldrin	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
alpha-BHC	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
alpha-Chlordane	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
beta-BHC	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Chlordane, Technical	ND		0.11	mg/Kg-dry	4	05/24/13 01:07 PM
delta-BHC	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Dieldrin	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Endosulfan I	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Endosulfan II	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Endosulfan sulfate	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Endrin	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Endrin aldehyde	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Endrin ketone	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
gamma-BHC (Lindane)	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
gamma-Chlordane	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Heptachlor	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Heptachlor epoxide	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Methoxychlor	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Toxaphene	ND		0.27	mg/Kg-dry	4	05/24/13 01:07 PM
Surr: Decachlorobiphenyl	112		45-135	%REC	4	05/24/13 01:07 PM
Surr: Tetrachloro-m-xylene	96.1		45-124	%REC	4	05/24/13 01:07 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: IA1-54-0-2W
Collection Date: 05/20/13 01:41 PM

Work Order: 1305868
Lab ID: 1305868-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 05/22/13	Analyst: LR
Mercury	0.043		0.017	mg/Kg-dry	1	05/22/13 05:32 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/28/13	Analyst: ML
Aluminum	7,300		4.3	mg/Kg-dry	5	05/29/13 03:20 PM
Antimony	ND		2.2	mg/Kg-dry	5	05/28/13 06:04 PM
Arsenic	7.4		2.2	mg/Kg-dry	5	05/28/13 06:04 PM
Barium	39		2.2	mg/Kg-dry	5	05/28/13 06:04 PM
Beryllium	ND		0.87	mg/Kg-dry	5	05/29/13 03:20 PM
Boron	ND		8.7	mg/Kg-dry	5	05/29/13 03:20 PM
Cadmium	ND		0.87	mg/Kg-dry	5	05/28/13 06:04 PM
Calcium	2,300		220	mg/Kg-dry	5	05/28/13 06:04 PM
Chromium	11		2.2	mg/Kg-dry	5	05/28/13 06:04 PM
Cobalt	6.3		2.2	mg/Kg-dry	5	05/29/13 03:20 PM
Copper	14		2.2	mg/Kg-dry	5	05/28/13 06:04 PM
Iron	16,000		35	mg/Kg-dry	5	05/28/13 06:04 PM
Lead	17		2.2	mg/Kg-dry	5	05/28/13 06:04 PM
Magnesium	2,100		87	mg/Kg-dry	5	05/29/13 03:20 PM
Manganese	260		2.2	mg/Kg-dry	5	05/28/13 06:04 PM
Nickel	14		2.2	mg/Kg-dry	5	05/28/13 06:04 PM
Potassium	1,100		87	mg/Kg-dry	5	05/28/13 06:04 PM
Selenium	ND		2.2	mg/Kg-dry	5	05/28/13 06:04 PM
Silver	ND		2.2	mg/Kg-dry	5	05/28/13 06:04 PM
Sodium	ND		87	mg/Kg-dry	5	05/29/13 03:20 PM
Thallium	ND		2.2	mg/Kg-dry	5	05/28/13 06:04 PM
Vanadium	16		2.2	mg/Kg-dry	5	05/28/13 06:04 PM
Zinc	51		4.3	mg/Kg-dry	5	05/28/13 06:04 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/22/13	Analyst: RM
1,1'-Biphenyl	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
2,4,5-Trichlorophenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
2,4,6-Trichlorophenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
2,4-Dichlorophenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
2,4-Dimethylphenol	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
2,4-Dinitrophenol	ND		0.72	mg/Kg-dry	1	05/23/13 02:44 PM
2,4-Dinitrotoluene	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
2,6-Dinitrotoluene	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
2-Chloronaphthalene	ND		0.087	mg/Kg-dry	1	05/23/13 02:44 PM
2-Chlorophenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
2-Methylnaphthalene	ND		0.087	mg/Kg-dry	1	05/23/13 02:44 PM
2-Methylphenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: IA1-54-0-2W

Lab ID: 1305868-02

Collection Date: 05/20/13 01:41 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.72	mg/Kg-dry	1	05/23/13 02:44 PM
2-Nitrophenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
3,3'-Dichlorobenzidine	ND		0.72	mg/Kg-dry	1	05/23/13 02:44 PM
3-Nitroaniline	ND		0.72	mg/Kg-dry	1	05/23/13 02:44 PM
4,6-Dinitro-2-methylphenol	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
4-Bromophenyl phenyl ether	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
4-Chloro-3-methylphenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
4-Chloroaniline	ND		0.72	mg/Kg-dry	1	05/23/13 02:44 PM
4-Chlorophenyl phenyl ether	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
4-Methylphenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
4-Nitroaniline	ND		0.72	mg/Kg-dry	1	05/23/13 02:44 PM
4-Nitrophenol	ND		0.72	mg/Kg-dry	1	05/23/13 02:44 PM
Acenaphthene	ND		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Acenaphthylene	ND		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Acetophenone	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
Anthracene	0.16		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Atrazine	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
Benzaldehyde	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
Benzo(a)anthracene	0.39		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Benzo(a)pyrene	0.37		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Benzo(b)fluoranthene	0.46		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Benzo(g,h,i)perylene	0.22		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Benzo(k)fluoranthene	0.17		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Bis(2-chloroethoxy)methane	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
Bis(2-chloroethyl)ether	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
Bis(2-chloroisopropyl)ether	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
Bis(2-ethylhexyl)phthalate	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
Butyl benzyl phthalate	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
Caprolactam	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
Carbazole	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
Chrysene	0.35		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Dibenzo(a,h)anthracene	0.050		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Dibenzofuran	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
Diethyl phthalate	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
Dimethyl phthalate	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
Di-n-butyl phthalate	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
Di-n-octyl phthalate	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
Fluoranthene	0.83		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Fluorene	0.047		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Hexachlorobenzene	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: IA1-54-0-2W
Collection Date: 05/20/13 01:41 PM

Work Order: 1305868
Lab ID: 1305868-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
Hexachlorocyclopentadiene	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
Hexachloroethane	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
Indeno(1,2,3-cd)pyrene	0.25		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Isophorone	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
Naphthalene	ND		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Nitrobenzene	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
N-Nitrosodi-n-propylamine	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
N-Nitrosodiphenylamine	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
Pentachlorophenol	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
Phenanthrene	0.58		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Phenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
Pyrene	0.99		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Surr: 2,4,6-Tribromophenol	83.2		34-140	%REC	1	05/23/13 02:44 PM
Surr: 2-Fluorobiphenyl	77.9		12-100	%REC	1	05/23/13 02:44 PM
Surr: 2-Fluorophenol	97.4		33-117	%REC	1	05/23/13 02:44 PM
Surr: 4-Terphenyl-d14	122		25-137	%REC	1	05/23/13 02:44 PM
Surr: Nitrobenzene-d5	82.2		37-107	%REC	1	05/23/13 02:44 PM
Surr: Phenol-d6	95.0		40-106	%REC	1	05/23/13 02:44 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Prep Date: 05/23/13

Analyst: AK

1,1,1-Trichloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,1,2,2-Tetrachloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,1,2-Trichloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,1,2-Trichlorotrifluoroethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,1-Dichloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,1-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,2,4-Trichlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,2-Dibromo-3-chloropropane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,2-Dibromoethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,2-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,2-Dichloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,2-Dichloropropane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,3-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,4-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
2-Butanone	ND		0.22	mg/Kg-dry	1	05/23/13 08:33 PM
2-Hexanone	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
4-Methyl-2-pentanone	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Acetone	ND		0.11	mg/Kg-dry	1	05/23/13 08:33 PM
Benzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Bromodichloromethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: IA1-54-0-2W

Lab ID: 1305868-02

Collection Date: 05/20/13 01:41 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Bromomethane	ND		0.084	mg/Kg-dry	1	05/23/13 08:33 PM
Carbon disulfide	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Carbon tetrachloride	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Chlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Chloroethane	ND		0.11	mg/Kg-dry	1	05/23/13 08:33 PM
Chloroform	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Chloromethane	ND		0.11	mg/Kg-dry	1	05/23/13 08:33 PM
cis-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
cis-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Cyclohexane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Dibromochloromethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Dichlorodifluoromethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Ethylbenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Isopropylbenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Methyl acetate	ND		0.22	mg/Kg-dry	1	05/23/13 08:33 PM
Methyl tert-butyl ether	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Methylcyclohexane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Methylene chloride	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Styrene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Tetrachloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Toluene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
trans-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
trans-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Trichloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Trichlorofluoromethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Vinyl chloride	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Xylenes, Total	ND		0.10	mg/Kg-dry	1	05/23/13 08:33 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	112		70-130	%REC	1	05/23/13 08:33 PM
<i>Surr: 4-Bromofluorobenzene</i>	99.2		70-130	%REC	1	05/23/13 08:33 PM
<i>Surr: Dibromofluoromethane</i>	103		70-130	%REC	1	05/23/13 08:33 PM
<i>Surr: Toluene-d8</i>	98.6		70-130	%REC	1	05/23/13 08:33 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/22/13	Analyst: MB
Chromium, Hexavalent	ND		0.55	mg/Kg-dry	1	05/23/13 02:00 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	11		0.050	% of sample	1	05/22/13 02:49 PM
PH			SW9045D			Analyst: CH
pH	7.1			s.u.	1	05/23/13 02:30 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: IA1-513-2-4W

Lab ID: 1305868-03

Collection Date: 05/20/13 03:55 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/24/13	Analyst: JD
2,4,5-T	ND		0.055	mg/Kg-dry	1	05/29/13 04:04 PM
2,4,5-TP (Silvex)	ND		0.11	mg/Kg-dry	1	05/29/13 04:04 PM
2,4-D	ND		0.055	mg/Kg-dry	1	05/29/13 04:04 PM
Surr: DCAA	110		30-150	%REC	1	05/29/13 04:04 PM
PCBS			SW8082		Prep Date: 05/23/13	Analyst: JD
Aroclor 1016	ND		0.045	mg/Kg-dry	1	05/24/13 03:19 PM
Aroclor 1221	ND		0.045	mg/Kg-dry	1	05/24/13 03:19 PM
Aroclor 1232	ND		0.045	mg/Kg-dry	1	05/24/13 03:19 PM
Aroclor 1242	ND		0.045	mg/Kg-dry	1	05/24/13 03:19 PM
Aroclor 1248	ND		0.045	mg/Kg-dry	1	05/24/13 03:19 PM
Aroclor 1254	ND		0.045	mg/Kg-dry	1	05/24/13 03:19 PM
Aroclor 1260	ND		0.045	mg/Kg-dry	1	05/24/13 03:19 PM
Surr: Decachlorobiphenyl	98.1		40-140	%REC	1	05/24/13 03:19 PM
PESTICIDES			SW8081		Prep Date: 05/23/13	Analyst: JD
4,4'-DDD	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
4,4'-DDE	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
4,4'-DDT	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Aldrin	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
alpha-BHC	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
alpha-Chlordane	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
beta-BHC	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Chlordane, Technical	ND		0.028	mg/Kg-dry	1	05/24/13 01:23 PM
delta-BHC	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Dieldrin	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Endosulfan I	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Endosulfan II	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Endosulfan sulfate	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Endrin	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Endrin aldehyde	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Endrin ketone	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
gamma-BHC (Lindane)	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
gamma-Chlordane	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Heptachlor	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Heptachlor epoxide	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Methoxychlor	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Toxaphene	ND		0.068	mg/Kg-dry	1	05/24/13 01:23 PM
Surr: Decachlorobiphenyl	104		45-135	%REC	1	05/24/13 01:23 PM
Surr: Tetrachloro-m-xylene	88.1		45-124	%REC	1	05/24/13 01:23 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: IA1-513-2-4W
Collection Date: 05/20/13 03:55 PM

Work Order: 1305868
Lab ID: 1305868-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 05/22/13	Analyst: LR
Mercury	ND		0.019	mg/Kg-dry	1	05/22/13 05:34 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/28/13	Analyst: ML
Aluminum	9,900		7.4	mg/Kg-dry	10	05/29/13 03:26 PM
Antimony	ND		1.8	mg/Kg-dry	5	05/28/13 06:10 PM
Arsenic	8.8		1.8	mg/Kg-dry	5	05/28/13 06:10 PM
Barium	88		1.8	mg/Kg-dry	5	05/28/13 06:10 PM
Beryllium	ND		1.5	mg/Kg-dry	10	05/29/13 03:26 PM
Boron	ND		15	mg/Kg-dry	10	05/29/13 03:26 PM
Cadmium	ND		0.74	mg/Kg-dry	5	05/28/13 06:10 PM
Calcium	64,000		370	mg/Kg-dry	10	05/29/13 03:26 PM
Chromium	19		1.8	mg/Kg-dry	5	05/28/13 06:10 PM
Cobalt	10		3.7	mg/Kg-dry	10	05/29/13 03:26 PM
Copper	21		1.8	mg/Kg-dry	5	05/28/13 06:10 PM
Iron	26,000		30	mg/Kg-dry	5	05/28/13 06:10 PM
Lead	13		1.8	mg/Kg-dry	5	05/28/13 06:10 PM
Magnesium	11,000		150	mg/Kg-dry	10	05/29/13 03:26 PM
Manganese	470		1.8	mg/Kg-dry	5	05/28/13 06:10 PM
Nickel	26		1.8	mg/Kg-dry	5	05/28/13 06:10 PM
Potassium	2,800		74	mg/Kg-dry	5	05/28/13 06:10 PM
Selenium	ND		1.8	mg/Kg-dry	5	05/28/13 06:10 PM
Silver	ND		1.8	mg/Kg-dry	5	05/28/13 06:10 PM
Sodium	150		150	mg/Kg-dry	10	05/29/13 03:26 PM
Thallium	ND		1.8	mg/Kg-dry	5	05/28/13 06:10 PM
Vanadium	25		1.8	mg/Kg-dry	5	05/28/13 06:10 PM
Zinc	59		3.7	mg/Kg-dry	5	05/28/13 06:10 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/22/13	Analyst: RM
1,1'-Biphenyl	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
2,4-Dimethylphenol	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
2,4-Dinitrophenol	ND		0.74	mg/Kg-dry	1	05/23/13 03:03 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
2-Chloronaphthalene	ND		0.089	mg/Kg-dry	1	05/23/13 03:03 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
2-Methylnaphthalene	ND		0.089	mg/Kg-dry	1	05/23/13 03:03 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: IA1-513-2-4W

Lab ID: 1305868-03

Collection Date: 05/20/13 03:55 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.74	mg/Kg-dry	1	05/23/13 03:03 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
3,3'-Dichlorobenzidine	ND		0.74	mg/Kg-dry	1	05/23/13 03:03 PM
3-Nitroaniline	ND		0.74	mg/Kg-dry	1	05/23/13 03:03 PM
4,6-Dinitro-2-methylphenol	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
4-Chloroaniline	ND		0.74	mg/Kg-dry	1	05/23/13 03:03 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
4-Nitroaniline	ND		0.74	mg/Kg-dry	1	05/23/13 03:03 PM
4-Nitrophenol	ND		0.74	mg/Kg-dry	1	05/23/13 03:03 PM
Acenaphthene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Acenaphthylene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Acetophenone	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
Anthracene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Atrazine	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
Benzaldehyde	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
Benzo(a)anthracene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Benzo(a)pyrene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Benzo(b)fluoranthene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Benzo(g,h,i)perylene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Benzo(k)fluoranthene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
Bis(2-ethylhexyl)phthalate	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
Caprolactam	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
Carbazole	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
Chrysene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Dibenzo(a,h)anthracene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
Diethyl phthalate	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
Dimethyl phthalate	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
Di-n-butyl phthalate	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
Fluoranthene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Fluorene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: IA1-513-2-4W

Lab ID: 1305868-03

Collection Date: 05/20/13 03:55 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
Hexachlorocyclopentadiene	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
Indeno(1,2,3-cd)pyrene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Isophorone	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
Naphthalene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
Pentachlorophenol	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
Phenanthrene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Phenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
Pyrene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Surr: 2,4,6-Tribromophenol	83.0		34-140	%REC	1	05/23/13 03:03 PM
Surr: 2-Fluorobiphenyl	79.0		12-100	%REC	1	05/23/13 03:03 PM
Surr: 2-Fluorophenol	99.3		33-117	%REC	1	05/23/13 03:03 PM
Surr: 4-Terphenyl-d14	120		25-137	%REC	1	05/23/13 03:03 PM
Surr: Nitrobenzene-d5	84.9		37-107	%REC	1	05/23/13 03:03 PM
Surr: Phenol-d6	97.1		40-106	%REC	1	05/23/13 03:03 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Prep Date: 05/23/13

Analyst: AK

1,1,1-Trichloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,1,2,2-Tetrachloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,1,2-Trichloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,1,2-Trichlorotrifluoroethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,1-Dichloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,1-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,2,4-Trichlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,2-Dibromo-3-chloropropane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,2-Dibromoethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,2-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,2-Dichloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,2-Dichloropropane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,3-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,4-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
2-Butanone	ND		0.23	mg/Kg-dry	1	05/23/13 08:56 PM
2-Hexanone	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
4-Methyl-2-pentanone	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Acetone	ND		0.11	mg/Kg-dry	1	05/23/13 08:56 PM
Benzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Bromodichloromethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: IA1-513-2-4W

Lab ID: 1305868-03

Collection Date: 05/20/13 03:55 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Bromomethane	ND		0.085	mg/Kg-dry	1	05/23/13 08:56 PM
Carbon disulfide	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Carbon tetrachloride	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Chlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Chloroethane	ND		0.11	mg/Kg-dry	1	05/23/13 08:56 PM
Chloroform	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Chloromethane	ND		0.11	mg/Kg-dry	1	05/23/13 08:56 PM
cis-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
cis-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Cyclohexane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Dibromochloromethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Dichlorodifluoromethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Ethylbenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Isopropylbenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Methyl acetate	ND		0.23	mg/Kg-dry	1	05/23/13 08:56 PM
Methyl tert-butyl ether	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Methylcyclohexane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Methylene chloride	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Styrene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Tetrachloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Toluene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
trans-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
trans-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Trichloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Trichlorofluoromethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Vinyl chloride	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Xylenes, Total	ND		0.10	mg/Kg-dry	1	05/23/13 08:56 PM
Surr: 1,2-Dichloroethane-d4	107		70-130	%REC	1	05/23/13 08:56 PM
Surr: 4-Bromofluorobenzene	101		70-130	%REC	1	05/23/13 08:56 PM
Surr: Dibromofluoromethane	97.3		70-130	%REC	1	05/23/13 08:56 PM
Surr: Toluene-d8	100		70-130	%REC	1	05/23/13 08:56 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/22/13	Analyst: MB
Chromium, Hexavalent	ND		0.56	mg/Kg-dry	1	05/23/13 02:00 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	12		0.050	% of sample	1	05/22/13 02:49 PM
PH			SW9045D			Analyst: CH
pH	8.6			s.u.	1	05/23/13 02:30 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: SW-2-052113W
Collection Date: 05/21/13 08:33 AM

Work Order: 1305868
Lab ID: 1305868-04
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/23/13	Analyst: JD
2,4,5-T	ND		0.0010	mg/L	1	05/28/13 01:52 PM
2,4,5-TP (Silvex)	ND		0.0020	mg/L	1	05/28/13 01:52 PM
2,4-D	ND		0.0020	mg/L	1	05/28/13 01:52 PM
Surr: DCAA	131		30-150	%REC	1	05/28/13 01:52 PM
PCBS			SW8082		Prep Date: 05/23/13	Analyst: JD
Aroclor 1016	ND		0.00020	mg/L	1	05/24/13 10:41 AM
Aroclor 1221	ND		0.00020	mg/L	1	05/24/13 10:41 AM
Aroclor 1232	ND		0.00020	mg/L	1	05/24/13 10:41 AM
Aroclor 1242	ND		0.00020	mg/L	1	05/24/13 10:41 AM
Aroclor 1248	ND		0.00020	mg/L	1	05/24/13 10:41 AM
Aroclor 1254	ND		0.00020	mg/L	1	05/24/13 10:41 AM
Aroclor 1260	ND		0.00020	mg/L	1	05/24/13 10:41 AM
Surr: Decachlorobiphenyl	59.0		40-140	%REC	1	05/24/13 10:41 AM
PESTICIDES			SW8081		Prep Date: 05/23/13	Analyst: JD
4,4'-DDD	ND		0.000020	mg/L	1	05/24/13 03:27 PM
4,4'-DDE	ND		0.000020	mg/L	1	05/24/13 03:27 PM
4,4'-DDT	ND		0.000020	mg/L	1	05/24/13 03:27 PM
Aldrin	ND		0.000010	mg/L	1	05/24/13 03:27 PM
alpha-BHC	ND		0.000010	mg/L	1	05/24/13 03:27 PM
alpha-Chlordane	ND		0.000020	mg/L	1	05/24/13 03:27 PM
beta-BHC	ND		0.000010	mg/L	1	05/24/13 03:27 PM
Chlordane, Technical	ND		0.00050	mg/L	1	05/24/13 03:27 PM
delta-BHC	ND		0.000010	mg/L	1	05/24/13 03:27 PM
Dieldrin	ND		0.000020	mg/L	1	05/24/13 03:27 PM
Endosulfan I	ND		0.000020	mg/L	1	05/24/13 03:27 PM
Endosulfan II	ND		0.000020	mg/L	1	05/24/13 03:27 PM
Endosulfan sulfate	ND		0.000020	mg/L	1	05/24/13 03:27 PM
Endrin	ND		0.000020	mg/L	1	05/24/13 03:27 PM
Endrin aldehyde	ND		0.000020	mg/L	1	05/24/13 03:27 PM
Endrin ketone	ND		0.000020	mg/L	1	05/24/13 03:27 PM
gamma-BHC (Lindane)	ND		0.000010	mg/L	1	05/24/13 03:27 PM
gamma-Chlordane	ND		0.000020	mg/L	1	05/24/13 03:27 PM
Heptachlor	ND		0.000010	mg/L	1	05/24/13 03:27 PM
Heptachlor epoxide	ND		0.000010	mg/L	1	05/24/13 03:27 PM
Hexachlorobenzene	ND		0.000010	mg/L	1	05/24/13 03:27 PM
Methoxychlor	ND		0.000040	mg/L	1	05/24/13 03:27 PM
Toxaphene	ND		0.0020	mg/L	1	05/24/13 03:27 PM
Surr: Decachlorobiphenyl	68.0		30-145	%REC	1	05/24/13 03:27 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: SW-2-052113W
Collection Date: 05/21/13 08:33 AM

Work Order: 1305868
Lab ID: 1305868-04
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Tetrachloro-m-xylene</i>	55.0		25-140	%REC	1	05/24/13 03:27 PM
MERCURY BY CVAA			SW7470		Prep Date: 05/24/13	Analyst: LR
Mercury	ND		0.00020	mg/L	1	05/24/13 03:00 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/24/13	Analyst: ML
Aluminum	0.047		0.010	mg/L	1	05/24/13 11:59 PM
Antimony	ND		0.0050	mg/L	1	05/24/13 11:59 PM
Arsenic	ND		0.0050	mg/L	1	05/24/13 11:59 PM
Barium	0.025		0.0050	mg/L	1	05/24/13 11:59 PM
Beryllium	ND		0.0020	mg/L	1	05/24/13 11:59 PM
Boron	0.18		0.020	mg/L	1	05/24/13 11:59 PM
Cadmium	ND		0.0020	mg/L	1	05/24/13 11:59 PM
Calcium	510		2.5	mg/L	5	05/28/13 03:40 PM
Chromium	ND		0.0050	mg/L	1	05/24/13 11:59 PM
Cobalt	ND		0.0050	mg/L	1	05/24/13 11:59 PM
Copper	ND		0.0050	mg/L	1	05/24/13 11:59 PM
Iron	ND		0.080	mg/L	1	05/24/13 11:59 PM
Lead	ND		0.0050	mg/L	1	05/24/13 11:59 PM
Magnesium	59		0.20	mg/L	1	05/24/13 11:59 PM
Manganese	0.024		0.0050	mg/L	1	05/24/13 11:59 PM
Nickel	ND		0.0050	mg/L	1	05/24/13 11:59 PM
Potassium	2.9		0.20	mg/L	1	05/24/13 11:59 PM
Selenium	ND		0.0050	mg/L	1	05/24/13 11:59 PM
Silver	ND		0.0050	mg/L	1	05/24/13 11:59 PM
Sodium	12		1.0	mg/L	5	05/28/13 03:40 PM
Thallium	ND		0.0050	mg/L	1	05/24/13 11:59 PM
Vanadium	ND		0.0050	mg/L	1	05/24/13 11:59 PM
Zinc	ND		0.010	mg/L	1	05/24/13 11:59 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/24/13	Analyst: HL
1,1'-Biphenyl	ND		0.0050	mg/L	1	05/24/13 08:30 PM
2,4,5-Trichlorophenol	ND		0.0050	mg/L	1	05/24/13 08:30 PM
2,4,6-Trichlorophenol	ND		0.0050	mg/L	1	05/24/13 08:30 PM
2,4-Dichlorophenol	ND		0.010	mg/L	1	05/24/13 08:30 PM
2,4-Dimethylphenol	ND		0.0050	mg/L	1	05/24/13 08:30 PM
2,4-Dinitrophenol	ND		0.0050	mg/L	1	05/24/13 08:30 PM
2,4-Dinitrotoluene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
2,6-Dinitrotoluene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
2-Chloronaphthalene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
2-Chlorophenol	ND		0.0050	mg/L	1	05/24/13 08:30 PM
2-Methylnaphthalene	ND		0.0050	mg/L	1	05/24/13 08:30 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: SW-2-052113W

Lab ID: 1305868-04

Collection Date: 05/21/13 08:33 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Methylphenol	ND		0.0050	mg/L	1	05/24/13 08:30 PM
2-Nitroaniline	ND		0.020	mg/L	1	05/24/13 08:30 PM
2-Nitrophenol	ND		0.0050	mg/L	1	05/24/13 08:30 PM
3,3'-Dichlorobenzidine	ND		0.0050	mg/L	1	05/24/13 08:30 PM
3-Nitroaniline	ND		0.020	mg/L	1	05/24/13 08:30 PM
4,6-Dinitro-2-methylphenol	ND		0.020	mg/L	1	05/24/13 08:30 PM
4-Bromophenyl phenyl ether	ND		0.0050	mg/L	1	05/24/13 08:30 PM
4-Chloro-3-methylphenol	ND		0.0050	mg/L	1	05/24/13 08:30 PM
4-Chloroaniline	ND		0.020	mg/L	1	05/24/13 08:30 PM
4-Chlorophenyl phenyl ether	ND		0.0050	mg/L	1	05/24/13 08:30 PM
4-Methylphenol	ND		0.0050	mg/L	1	05/24/13 08:30 PM
4-Nitroaniline	ND		0.020	mg/L	1	05/24/13 08:30 PM
4-Nitrophenol	ND		0.020	mg/L	1	05/24/13 08:30 PM
Acenaphthene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Acenaphthylene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Acetophenone	ND		0.0010	mg/L	1	05/24/13 08:30 PM
Anthracene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Atrazine	ND		0.010	mg/L	1	05/24/13 08:30 PM
Benzaldehyde	ND		0.0010	mg/L	1	05/24/13 08:30 PM
Benzo(a)anthracene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Benzo(a)pyrene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Benzo(b)fluoranthene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Benzo(g,h,i)perylene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Benzo(k)fluoranthene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Bis(2-chloroethoxy)methane	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Bis(2-chloroethyl)ether	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Bis(2-chloroisopropyl)ether	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Bis(2-ethylhexyl)phthalate	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Butyl benzyl phthalate	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Caprolactam	ND		0.010	mg/L	1	05/24/13 08:30 PM
Carbazole	ND		0.010	mg/L	1	05/24/13 08:30 PM
Chrysene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Dibenzo(a,h)anthracene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Dibenzofuran	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Diethyl phthalate	ND		0.020	mg/L	1	05/24/13 08:30 PM
Dimethyl phthalate	ND		0.020	mg/L	1	05/24/13 08:30 PM
Di-n-butyl phthalate	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Di-n-octyl phthalate	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Fluoranthene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Fluorene	ND		0.0050	mg/L	1	05/24/13 08:30 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: SW-2-052113W

Lab ID: 1305868-04

Collection Date: 05/21/13 08:33 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobenzene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Hexachlorobutadiene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Hexachlorocyclopentadiene	ND		0.020	mg/L	1	05/24/13 08:30 PM
Hexachloroethane	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Indeno(1,2,3-cd)pyrene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Isophorone	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Naphthalene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Nitrobenzene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
N-Nitrosodi-n-propylamine	ND		0.0050	mg/L	1	05/24/13 08:30 PM
N-Nitrosodiphenylamine	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Pentachlorophenol	ND		0.020	mg/L	1	05/24/13 08:30 PM
Phenanthrene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Phenol	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Pyrene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Surr: 2,4,6-Tribromophenol	51.9		32-115	%REC	1	05/24/13 08:30 PM
Surr: 2-Fluorobiphenyl	68.0		32-100	%REC	1	05/24/13 08:30 PM
Surr: 2-Fluorophenol	41.2		22-59	%REC	1	05/24/13 08:30 PM
Surr: 4-Terphenyl-d14	89.4		23-112	%REC	1	05/24/13 08:30 PM
Surr: Nitrobenzene-d5	52.5		31-93	%REC	1	05/24/13 08:30 PM
Surr: Phenol-d6	21.3		13-36	%REC	1	05/24/13 08:30 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: AK

1,1,1-Trichloroethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
1,1,2,2-Tetrachloroethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
1,1,2-Trichloroethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
1,1,2-Trichlorotrifluoroethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
1,1-Dichloroethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
1,1-Dichloroethene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
1,2,4-Trichlorobenzene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
1,2-Dibromo-3-chloropropane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
1,2-Dibromoethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
1,2-Dichlorobenzene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
1,2-Dichloroethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
1,2-Dichloropropane	ND		0.0020	mg/L	1	05/23/13 07:46 PM
1,3-Dichlorobenzene	ND		0.0020	mg/L	1	05/23/13 07:46 PM
1,4-Dichlorobenzene	ND		0.0020	mg/L	1	05/23/13 07:46 PM
2-Butanone	ND		0.0050	mg/L	1	05/23/13 07:46 PM
2-Hexanone	ND		0.0050	mg/L	1	05/23/13 07:46 PM
4-Methyl-2-pentanone	ND		0.0050	mg/L	1	05/23/13 07:46 PM
Acetone	ND		0.020	mg/L	1	05/23/13 07:46 PM
Benzene	ND		0.0010	mg/L	1	05/23/13 07:46 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: SW-2-052113W

Lab ID: 1305868-04

Collection Date: 05/21/13 08:33 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromodichloromethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Bromoform	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Bromomethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Carbon disulfide	ND		0.0025	mg/L	1	05/23/13 07:46 PM
Carbon tetrachloride	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Chlorobenzene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Chloroethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Chloroform	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Chloromethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
cis-1,2-Dichloroethene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
cis-1,3-Dichloropropene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Cyclohexane	ND		0.0050	mg/L	1	05/23/13 07:46 PM
Dibromochloromethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Dichlorodifluoromethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Ethylbenzene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Isopropylbenzene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Methyl acetate	ND		0.0020	mg/L	1	05/23/13 07:46 PM
Methyl tert-butyl ether	ND		0.0050	mg/L	1	05/23/13 07:46 PM
Methylcyclohexane	ND		0.0050	mg/L	1	05/23/13 07:46 PM
Methylene chloride	ND		0.0050	mg/L	1	05/23/13 07:46 PM
Styrene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Tetrachloroethene	ND		0.0020	mg/L	1	05/23/13 07:46 PM
Toluene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
trans-1,2-Dichloroethene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
trans-1,3-Dichloropropene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Trichloroethene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Trichlorofluoromethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Vinyl chloride	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Xylenes, Total	ND		0.0030	mg/L	1	05/23/13 07:46 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	105		70-120	%REC	1	05/23/13 07:46 PM
<i>Surr: 4-Bromofluorobenzene</i>	105		75-120	%REC	1	05/23/13 07:46 PM
<i>Surr: Dibromofluoromethane</i>	102		85-115	%REC	1	05/23/13 07:46 PM
<i>Surr: Toluene-d8</i>	100		85-120	%REC	1	05/23/13 07:46 PM
CHROMIUM, HEXAVALENT			SW7196A			Analyst: JB
Chromium, Hexavalent	ND		0.0050	mg/L	1	05/22/13 11:00 AM
PH			SW9040			Analyst: JB
pH	7.29			s.u.	1	05/22/13 10:30 AM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: SED-2-052113-0001W

Lab ID: 1305868-05

Collection Date: 05/21/13 09:00 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/24/13	Analyst: JD
2,4,5-T	ND		0.069	mg/Kg-dry	1	05/29/13 04:17 PM
2,4,5-TP (Silvex)	ND		0.14	mg/Kg-dry	1	05/29/13 04:17 PM
2,4-D	ND		0.069	mg/Kg-dry	1	05/29/13 04:17 PM
Surr: DCAA	113		30-150	%REC	1	05/29/13 04:17 PM
PCBS			SW8082		Prep Date: 05/23/13	Analyst: JD
Aroclor 1016	ND		0.056	mg/Kg-dry	1	05/24/13 04:19 PM
Aroclor 1221	ND		0.056	mg/Kg-dry	1	05/24/13 04:19 PM
Aroclor 1232	ND		0.056	mg/Kg-dry	1	05/24/13 04:19 PM
Aroclor 1242	ND		0.056	mg/Kg-dry	1	05/24/13 04:19 PM
Aroclor 1248	ND		0.056	mg/Kg-dry	1	05/24/13 04:19 PM
Aroclor 1254	ND		0.056	mg/Kg-dry	1	05/24/13 04:19 PM
Aroclor 1260	ND		0.056	mg/Kg-dry	1	05/24/13 04:19 PM
Surr: Decachlorobiphenyl	75.1		40-140	%REC	1	05/24/13 04:19 PM
PESTICIDES			SW8081		Prep Date: 05/23/13	Analyst: JD
4,4'-DDD	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
4,4'-DDE	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
4,4'-DDT	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Aldrin	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
alpha-BHC	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
alpha-Chlordane	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
beta-BHC	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Chlordane, Technical	ND		0.70	mg/Kg-dry	20	05/24/13 01:38 PM
delta-BHC	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Dieldrin	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Endosulfan I	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Endosulfan II	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Endosulfan sulfate	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Endrin	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Endrin aldehyde	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Endrin ketone	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
gamma-BHC (Lindane)	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
gamma-Chlordane	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Heptachlor	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Heptachlor epoxide	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Methoxychlor	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Toxaphene	ND		1.7	mg/Kg-dry	20	05/24/13 01:38 PM
Surr: Decachlorobiphenyl	120		45-135	%REC	20	05/24/13 01:38 PM
Surr: Tetrachloro-m-xylene	100		45-124	%REC	20	05/24/13 01:38 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: SED-2-052113-0001W
Collection Date: 05/21/13 09:00 AM

Work Order: 1305868
Lab ID: 1305868-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 05/24/13	Analyst: LR
Mercury	0.027		0.021	mg/Kg-dry	1	05/24/13 04:16 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/28/13	Analyst: ML
Aluminum	3,500		4.6	mg/Kg-dry	5	05/29/13 03:32 PM
Antimony	ND		2.3	mg/Kg-dry	5	05/28/13 06:16 PM
Arsenic	2.9		2.3	mg/Kg-dry	5	05/28/13 06:16 PM
Barium	31		2.3	mg/Kg-dry	5	05/28/13 06:16 PM
Beryllium	ND		0.92	mg/Kg-dry	5	05/29/13 03:32 PM
Boron	ND		9.2	mg/Kg-dry	5	05/29/13 03:32 PM
Cadmium	ND		0.92	mg/Kg-dry	5	05/28/13 06:16 PM
Calcium	24,000		230	mg/Kg-dry	5	05/28/13 06:16 PM
Chromium	6.2		2.3	mg/Kg-dry	5	05/28/13 06:16 PM
Cobalt	3.6		2.3	mg/Kg-dry	5	05/29/13 03:32 PM
Copper	13		2.3	mg/Kg-dry	5	05/28/13 06:16 PM
Iron	9,800		37	mg/Kg-dry	5	05/28/13 06:16 PM
Lead	9.8		2.3	mg/Kg-dry	5	05/28/13 06:16 PM
Magnesium	5,800		92	mg/Kg-dry	5	05/29/13 03:32 PM
Manganese	100		2.3	mg/Kg-dry	5	05/28/13 06:16 PM
Nickel	9.0		2.3	mg/Kg-dry	5	05/28/13 06:16 PM
Potassium	810		92	mg/Kg-dry	5	05/28/13 06:16 PM
Selenium	ND		2.3	mg/Kg-dry	5	05/28/13 06:16 PM
Silver	ND		2.3	mg/Kg-dry	5	05/28/13 06:16 PM
Sodium	ND		92	mg/Kg-dry	5	05/29/13 03:32 PM
Thallium	ND		2.3	mg/Kg-dry	5	05/28/13 06:16 PM
Vanadium	8.5		2.3	mg/Kg-dry	5	05/28/13 06:16 PM
Zinc	41		4.6	mg/Kg-dry	5	05/28/13 06:16 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/22/13	Analyst: RM
1,1'-Biphenyl	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
2,4,5-Trichlorophenol	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
2,4,6-Trichlorophenol	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
2,4-Dichlorophenol	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
2,4-Dimethylphenol	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
2,4-Dinitrophenol	ND		0.94	mg/Kg-dry	1	05/23/13 03:23 PM
2,4-Dinitrotoluene	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
2,6-Dinitrotoluene	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
2-Chloronaphthalene	ND		0.11	mg/Kg-dry	1	05/23/13 03:23 PM
2-Chlorophenol	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
2-Methylnaphthalene	ND		0.11	mg/Kg-dry	1	05/23/13 03:23 PM
2-Methylphenol	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: SED-2-052113-0001W
Collection Date: 05/21/13 09:00 AM

Work Order: 1305868
Lab ID: 1305868-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.94	mg/Kg-dry	1	05/23/13 03:23 PM
2-Nitrophenol	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
3,3'-Dichlorobenzidine	ND		0.94	mg/Kg-dry	1	05/23/13 03:23 PM
3-Nitroaniline	ND		0.94	mg/Kg-dry	1	05/23/13 03:23 PM
4,6-Dinitro-2-methylphenol	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
4-Bromophenyl phenyl ether	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
4-Chloro-3-methylphenol	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
4-Chloroaniline	ND		0.94	mg/Kg-dry	1	05/23/13 03:23 PM
4-Chlorophenyl phenyl ether	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
4-Methylphenol	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
4-Nitroaniline	ND		0.94	mg/Kg-dry	1	05/23/13 03:23 PM
4-Nitrophenol	ND		0.94	mg/Kg-dry	1	05/23/13 03:23 PM
Acenaphthene	0.083		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Acenaphthylene	ND		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Acetophenone	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
Anthracene	0.18		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Atrazine	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
Benzaldehyde	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
Benzo(a)anthracene	0.37		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Benzo(a)pyrene	0.32		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Benzo(b)fluoranthene	0.44		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Benzo(g,h,i)perylene	0.18		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Benzo(k)fluoranthene	0.16		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Bis(2-chloroethoxy)methane	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
Bis(2-chloroethyl)ether	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
Bis(2-chloroisopropyl)ether	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
Bis(2-ethylhexyl)phthalate	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
Butyl benzyl phthalate	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
Caprolactam	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
Carbazole	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
Chrysene	0.35		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Dibenzo(a,h)anthracene	0.050		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Dibenzofuran	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
Diethyl phthalate	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
Dimethyl phthalate	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
Di-n-butyl phthalate	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
Di-n-octyl phthalate	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
Fluoranthene	0.74		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Fluorene	0.099		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Hexachlorobenzene	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: SED-2-052113-0001W
Collection Date: 05/21/13 09:00 AM

Work Order: 1305868
Lab ID: 1305868-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
Hexachlorocyclopentadiene	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
Hexachloroethane	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
Indeno(1,2,3-cd)pyrene	0.20		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Isophorone	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
Naphthalene	ND		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Nitrobenzene	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
N-Nitrosodi-n-propylamine	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
N-Nitrosodiphenylamine	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
Pentachlorophenol	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
Phenanthrene	0.69		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Phenol	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
Pyrene	0.86		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Surr: 2,4,6-Tribromophenol	79.4		34-140	%REC	1	05/23/13 03:23 PM
Surr: 2-Fluorobiphenyl	61.4		12-100	%REC	1	05/23/13 03:23 PM
Surr: 2-Fluorophenol	77.5		33-117	%REC	1	05/23/13 03:23 PM
Surr: 4-Terphenyl-d14	123		25-137	%REC	1	05/23/13 03:23 PM
Surr: Nitrobenzene-d5	59.9		37-107	%REC	1	05/23/13 03:23 PM
Surr: Phenol-d6	79.0		40-106	%REC	1	05/23/13 03:23 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Prep Date: 05/23/13

Analyst: AK

1,1,1-Trichloroethane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,1,2,2-Tetrachloroethane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,1,2-Trichloroethane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,1,2-Trichlorotrifluoroethane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,1-Dichloroethane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,1-Dichloroethene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,2,4-Trichlorobenzene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,2-Dibromo-3-chloropropane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,2-Dibromoethane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,2-Dichlorobenzene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,2-Dichloroethane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,2-Dichloropropane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,3-Dichlorobenzene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,4-Dichlorobenzene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
2-Butanone	ND		0.28	mg/Kg-dry	1	05/23/13 09:20 PM
2-Hexanone	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
4-Methyl-2-pentanone	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Acetone	ND		0.14	mg/Kg-dry	1	05/23/13 09:20 PM
Benzene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Bromodichloromethane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: SED-2-052113-0001W
Collection Date: 05/21/13 09:00 AM

Work Order: 1305868
Lab ID: 1305868-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Bromomethane	ND		0.11	mg/Kg-dry	1	05/23/13 09:20 PM
Carbon disulfide	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Carbon tetrachloride	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Chlorobenzene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Chloroethane	ND		0.14	mg/Kg-dry	1	05/23/13 09:20 PM
Chloroform	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Chloromethane	ND		0.14	mg/Kg-dry	1	05/23/13 09:20 PM
cis-1,2-Dichloroethene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
cis-1,3-Dichloropropene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Cyclohexane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Dibromochloromethane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Dichlorodifluoromethane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Ethylbenzene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Isopropylbenzene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Methyl acetate	ND		0.28	mg/Kg-dry	1	05/23/13 09:20 PM
Methyl tert-butyl ether	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Methylcyclohexane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Methylene chloride	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Styrene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Tetrachloroethene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Toluene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
trans-1,2-Dichloroethene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
trans-1,3-Dichloropropene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Trichloroethene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Trichlorofluoromethane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Vinyl chloride	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Xylenes, Total	ND		0.13	mg/Kg-dry	1	05/23/13 09:20 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	105		70-130	%REC	1	05/23/13 09:20 PM
<i>Surr: 4-Bromofluorobenzene</i>	99.1		70-130	%REC	1	05/23/13 09:20 PM
<i>Surr: Dibromofluoromethane</i>	97.4		70-130	%REC	1	05/23/13 09:20 PM
<i>Surr: Toluene-d8</i>	101		70-130	%REC	1	05/23/13 09:20 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/22/13	Analyst: MB
Chromium, Hexavalent	ND		0.70	mg/Kg-dry	1	05/23/13 02:00 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	30		0.050	% of sample	1	05/22/13 02:49 PM
PH			SW9045D			Analyst: CH
pH	8.1			s.u.	1	05/23/13 02:30 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: IA1-59-2-4W

Lab ID: 1305868-06

Collection Date: 05/21/13 10:10 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/24/13	Analyst: JD
2,4,5-T	ND		0.056	mg/Kg-dry	1	05/29/13 04:31 PM
2,4,5-TP (Silvex)	ND		0.11	mg/Kg-dry	1	05/29/13 04:31 PM
2,4-D	ND		0.056	mg/Kg-dry	1	05/29/13 04:31 PM
Surr: DCAA	102		30-150	%REC	1	05/29/13 04:31 PM
PCBS			SW8082		Prep Date: 05/23/13	Analyst: JD
Aroclor 1016	ND		0.045	mg/Kg-dry	1	05/24/13 04:39 PM
Aroclor 1221	ND		0.045	mg/Kg-dry	1	05/24/13 04:39 PM
Aroclor 1232	ND		0.045	mg/Kg-dry	1	05/24/13 04:39 PM
Aroclor 1242	ND		0.045	mg/Kg-dry	1	05/24/13 04:39 PM
Aroclor 1248	ND		0.045	mg/Kg-dry	1	05/24/13 04:39 PM
Aroclor 1254	ND		0.045	mg/Kg-dry	1	05/24/13 04:39 PM
Aroclor 1260	ND		0.045	mg/Kg-dry	1	05/24/13 04:39 PM
Surr: Decachlorobiphenyl	91.1		40-140	%REC	1	05/24/13 04:39 PM
PESTICIDES			SW8081		Prep Date: 05/23/13	Analyst: JD
4,4'-DDD	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
4,4'-DDE	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
4,4'-DDT	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Aldrin	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
alpha-BHC	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
alpha-Chlordane	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
beta-BHC	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Chlordane, Technical	ND		0.028	mg/Kg-dry	1	05/24/13 01:54 PM
delta-BHC	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Dieldrin	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Endosulfan I	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Endosulfan II	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Endosulfan sulfate	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Endrin	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Endrin aldehyde	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Endrin ketone	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
gamma-BHC (Lindane)	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
gamma-Chlordane	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Heptachlor	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Heptachlor epoxide	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Methoxychlor	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Toxaphene	ND		0.068	mg/Kg-dry	1	05/24/13 01:54 PM
Surr: Decachlorobiphenyl	109		45-135	%REC	1	05/24/13 01:54 PM
Surr: Tetrachloro-m-xylene	94.1		45-124	%REC	1	05/24/13 01:54 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: IA1-59-2-4W

Lab ID: 1305868-06

Collection Date: 05/21/13 10:10 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 05/24/13	Analyst: LR
Mercury	0.029		0.016	mg/Kg-dry	1	05/24/13 04:19 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/28/13	Analyst: ML
Aluminum	7,900		4.5	mg/Kg-dry	5	05/29/13 03:38 PM
Antimony	ND		2.3	mg/Kg-dry	5	05/28/13 06:40 PM
Arsenic	12		2.3	mg/Kg-dry	5	05/28/13 06:40 PM
Barium	46		2.3	mg/Kg-dry	5	05/28/13 06:40 PM
Beryllium	ND		0.91	mg/Kg-dry	5	05/29/13 03:38 PM
Boron	ND		9.1	mg/Kg-dry	5	05/29/13 03:38 PM
Cadmium	ND		0.91	mg/Kg-dry	5	05/28/13 06:40 PM
Calcium	5,500		230	mg/Kg-dry	5	05/28/13 06:40 PM
Chromium	13		2.3	mg/Kg-dry	5	05/28/13 06:40 PM
Cobalt	10		2.3	mg/Kg-dry	5	05/29/13 03:38 PM
Copper	26		2.3	mg/Kg-dry	5	05/28/13 06:40 PM
Iron	25,000		36	mg/Kg-dry	5	05/28/13 06:40 PM
Lead	34		2.3	mg/Kg-dry	5	05/28/13 06:40 PM
Magnesium	3,200		91	mg/Kg-dry	5	05/29/13 03:38 PM
Manganese	340		2.3	mg/Kg-dry	5	05/28/13 06:40 PM
Nickel	21		2.3	mg/Kg-dry	5	05/28/13 06:40 PM
Potassium	1,300		91	mg/Kg-dry	5	05/28/13 06:40 PM
Selenium	ND		2.3	mg/Kg-dry	5	05/28/13 06:40 PM
Silver	ND		2.3	mg/Kg-dry	5	05/28/13 06:40 PM
Sodium	ND		91	mg/Kg-dry	5	05/29/13 03:38 PM
Thallium	ND		2.3	mg/Kg-dry	5	05/28/13 06:40 PM
Vanadium	19		2.3	mg/Kg-dry	5	05/28/13 06:40 PM
Zinc	79		4.5	mg/Kg-dry	5	05/28/13 06:40 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/22/13	Analyst: RM
1,1'-Biphenyl	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
2,4-Dimethylphenol	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
2,4-Dinitrophenol	ND		0.74	mg/Kg-dry	1	05/23/13 03:42 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
2-Chloronaphthalene	ND		0.090	mg/Kg-dry	1	05/23/13 03:42 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
2-Methylnaphthalene	ND		0.090	mg/Kg-dry	1	05/23/13 03:42 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: IA1-59-2-4W

Lab ID: 1305868-06

Collection Date: 05/21/13 10:10 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.74	mg/Kg-dry	1	05/23/13 03:42 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
3,3'-Dichlorobenzidine	ND		0.74	mg/Kg-dry	1	05/23/13 03:42 PM
3-Nitroaniline	ND		0.74	mg/Kg-dry	1	05/23/13 03:42 PM
4,6-Dinitro-2-methylphenol	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
4-Chloroaniline	ND		0.74	mg/Kg-dry	1	05/23/13 03:42 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
4-Nitroaniline	ND		0.74	mg/Kg-dry	1	05/23/13 03:42 PM
4-Nitrophenol	ND		0.74	mg/Kg-dry	1	05/23/13 03:42 PM
Acenaphthene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Acenaphthylene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Acetophenone	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
Anthracene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Atrazine	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
Benzaldehyde	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
Benzo(a)anthracene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Benzo(a)pyrene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Benzo(b)fluoranthene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Benzo(g,h,i)perylene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Benzo(k)fluoranthene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
Bis(2-ethylhexyl)phthalate	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
Caprolactam	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
Carbazole	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
Chrysene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Dibenzo(a,h)anthracene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
Diethyl phthalate	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
Dimethyl phthalate	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
Di-n-butyl phthalate	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
Fluoranthene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Fluorene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: IA1-59-2-4W

Lab ID: 1305868-06

Collection Date: 05/21/13 10:10 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
Hexachlorocyclopentadiene	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
Indeno(1,2,3-cd)pyrene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Isophorone	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
Naphthalene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
Pentachlorophenol	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
Phenanthrene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Phenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
Pyrene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Surr: 2,4,6-Tribromophenol	82.3		34-140	%REC	1	05/23/13 03:42 PM
Surr: 2-Fluorobiphenyl	79.4		12-100	%REC	1	05/23/13 03:42 PM
Surr: 2-Fluorophenol	97.3		33-117	%REC	1	05/23/13 03:42 PM
Surr: 4-Terphenyl-d14	130		25-137	%REC	1	05/23/13 03:42 PM
Surr: Nitrobenzene-d5	85.4		37-107	%REC	1	05/23/13 03:42 PM
Surr: Phenol-d6	96.2		40-106	%REC	1	05/23/13 03:42 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Prep Date: 05/23/13

Analyst: AK

1,1,1-Trichloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,1,2,2-Tetrachloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,1,2-Trichloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,1,2-Trichlorotrifluoroethane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,1-Dichloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,1-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,2,4-Trichlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,2-Dibromo-3-chloropropane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,2-Dibromoethane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,2-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,2-Dichloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,2-Dichloropropane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,3-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,4-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
2-Butanone	ND		0.23	mg/Kg-dry	1	05/23/13 09:43 PM
2-Hexanone	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
4-Methyl-2-pentanone	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Acetone	ND		0.11	mg/Kg-dry	1	05/23/13 09:43 PM
Benzene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Bromodichloromethane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: IA1-59-2-4W
Collection Date: 05/21/13 10:10 AM

Work Order: 1305868
Lab ID: 1305868-06
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Bromomethane	ND		0.085	mg/Kg-dry	1	05/23/13 09:43 PM
Carbon disulfide	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Carbon tetrachloride	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Chlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Chloroethane	ND		0.11	mg/Kg-dry	1	05/23/13 09:43 PM
Chloroform	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Chloromethane	ND		0.11	mg/Kg-dry	1	05/23/13 09:43 PM
cis-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
cis-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Cyclohexane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Dibromochloromethane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Dichlorodifluoromethane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Ethylbenzene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Isopropylbenzene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Methyl acetate	ND		0.23	mg/Kg-dry	1	05/23/13 09:43 PM
Methyl tert-butyl ether	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Methylcyclohexane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Methylene chloride	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Styrene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Tetrachloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Toluene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
trans-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
trans-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Trichloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Trichlorofluoromethane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Vinyl chloride	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Xylenes, Total	ND		0.10	mg/Kg-dry	1	05/23/13 09:43 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	106		70-130	%REC	1	05/23/13 09:43 PM
<i>Surr: 4-Bromofluorobenzene</i>	99.2		70-130	%REC	1	05/23/13 09:43 PM
<i>Surr: Dibromofluoromethane</i>	97.8		70-130	%REC	1	05/23/13 09:43 PM
<i>Surr: Toluene-d8</i>	98.4		70-130	%REC	1	05/23/13 09:43 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/22/13	Analyst: MB
Chromium, Hexavalent	ND		0.56	mg/Kg-dry	1	05/23/13 02:00 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	12		0.050	% of sample	1	05/22/13 02:49 PM
PH			SW9045D			Analyst: CH
pH	7.8			s.u.	1	05/23/13 02:30 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: Trip Blank-01

Lab ID: 1305868-07

Collection Date: 05/21/13

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: AK
1,1,1-Trichloroethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
1,1,2,2-Tetrachloroethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
1,1,2-Trichloroethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
1,1,2-Trichlorotrifluoroethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
1,1-Dichloroethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
1,1-Dichloroethene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
1,2,4-Trichlorobenzene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
1,2-Dibromo-3-chloropropane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
1,2-Dibromoethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
1,2-Dichlorobenzene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
1,2-Dichloroethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
1,2-Dichloropropane	ND		0.0020	mg/L	1	05/23/13 05:24 PM
1,3-Dichlorobenzene	ND		0.0020	mg/L	1	05/23/13 05:24 PM
1,4-Dichlorobenzene	ND		0.0020	mg/L	1	05/23/13 05:24 PM
2-Butanone	ND		0.0050	mg/L	1	05/23/13 05:24 PM
2-Hexanone	ND		0.0050	mg/L	1	05/23/13 05:24 PM
4-Methyl-2-pentanone	ND		0.0050	mg/L	1	05/23/13 05:24 PM
Acetone	ND		0.020	mg/L	1	05/23/13 05:24 PM
Benzene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Bromodichloromethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Bromoform	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Bromomethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Carbon disulfide	ND		0.0025	mg/L	1	05/23/13 05:24 PM
Carbon tetrachloride	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Chlorobenzene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Chloroethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Chloroform	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Chloromethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
cis-1,2-Dichloroethene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
cis-1,3-Dichloropropene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Cyclohexane	ND		0.0050	mg/L	1	05/23/13 05:24 PM
Dibromochloromethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Dichlorodifluoromethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Ethylbenzene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Isopropylbenzene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Methyl acetate	ND		0.0020	mg/L	1	05/23/13 05:24 PM
Methyl tert-butyl ether	ND		0.0050	mg/L	1	05/23/13 05:24 PM
Methylcyclohexane	ND		0.0050	mg/L	1	05/23/13 05:24 PM
Methylene chloride	ND		0.0050	mg/L	1	05/23/13 05:24 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: Trip Blank-01
Collection Date: 05/21/13

Work Order: 1305868
Lab ID: 1305868-07
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Tetrachloroethene	ND		0.0020	mg/L	1	05/23/13 05:24 PM
Toluene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
trans-1,2-Dichloroethene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
trans-1,3-Dichloropropene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Trichloroethene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Trichlorofluoromethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Vinyl chloride	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Xylenes, Total	ND		0.0030	mg/L	1	05/23/13 05:24 PM
Surr: 1,2-Dichloroethane-d4	108		70-120	%REC	1	05/23/13 05:24 PM
Surr: 4-Bromofluorobenzene	106		75-120	%REC	1	05/23/13 05:24 PM
Surr: Dibromofluoromethane	102		85-115	%REC	1	05/23/13 05:24 PM
Surr: Toluene-d8	103		85-120	%REC	1	05/23/13 05:24 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: Trip Blank-02

Lab ID: 1305868-08

Collection Date: 05/21/13

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260		Prep Date: 05/23/13	Analyst: AK
1,1,1-Trichloroethane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,1,2,2-Tetrachloroethane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,1,2-Trichloroethane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,1,2-Trichlorotrifluoroethane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,1-Dichloroethane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,1-Dichloroethene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,2,4-Trichlorobenzene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,2-Dibromo-3-chloropropane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,2-Dibromoethane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,2-Dichlorobenzene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,2-Dichloroethane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,2-Dichloropropane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,3-Dichlorobenzene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,4-Dichlorobenzene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
2-Butanone	ND		0.20	mg/Kg	1	05/23/13 06:12 PM
2-Hexanone	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
4-Methyl-2-pentanone	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Acetone	ND		0.10	mg/Kg	1	05/23/13 06:12 PM
Benzene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Bromodichloromethane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Bromoform	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Bromomethane	ND		0.075	mg/Kg	1	05/23/13 06:12 PM
Carbon disulfide	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Carbon tetrachloride	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Chlorobenzene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Chloroethane	ND		0.10	mg/Kg	1	05/23/13 06:12 PM
Chloroform	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Chloromethane	ND		0.10	mg/Kg	1	05/23/13 06:12 PM
cis-1,2-Dichloroethene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
cis-1,3-Dichloropropene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Cyclohexane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Dibromochloromethane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Dichlorodifluoromethane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Ethylbenzene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Isopropylbenzene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Methyl acetate	ND		0.20	mg/Kg	1	05/23/13 06:12 PM
Methyl tert-butyl ether	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Methylcyclohexane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Methylene chloride	ND		0.030	mg/Kg	1	05/23/13 06:12 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc**Project:** 20405.016.001.2063.00-Whirlpool Park Site**Work Order:** 1305868**Sample ID:** Trip Blank-02**Lab ID:** 1305868-08**Collection Date:** 05/21/13**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Tetrachloroethene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Toluene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
trans-1,2-Dichloroethene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
trans-1,3-Dichloropropene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Trichloroethene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Trichlorofluoromethane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Vinyl chloride	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Xylenes, Total	ND		0.090	mg/Kg	1	05/23/13 06:12 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	109		70-130	%REC	1	05/23/13 06:12 PM
<i>Surr: 4-Bromofluorobenzene</i>	98.2		70-130	%REC	1	05/23/13 06:12 PM
<i>Surr: Dibromofluoromethane</i>	99.4		70-130	%REC	1	05/23/13 06:12 PM
<i>Surr: Toluene-d8</i>	99.0		70-130	%REC	1	05/23/13 06:12 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: SW-2-052113W

Lab ID: 1305868-09

Collection Date: 05/21/13 08:33 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/23/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/28/13 02:08 PM
2,4-D	ND		0.0050	mg/L	1	05/28/13 02:08 PM
Surr: DCAA	125		30-150	%REC	1	05/28/13 02:08 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/23/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/24/13 03:43 PM
Endrin	ND		0.00025	mg/L	1	05/24/13 03:43 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/24/13 03:43 PM
Heptachlor	ND		0.00025	mg/L	1	05/24/13 03:43 PM
Methoxychlor	ND		0.00025	mg/L	1	05/24/13 03:43 PM
Toxaphene	ND		0.020	mg/L	1	05/24/13 03:43 PM
Surr: Decachlorobiphenyl	83.0		30-135	%REC	1	05/24/13 03:43 PM
Surr: Tetrachloro-m-xylene	62.0		25-140	%REC	1	05/24/13 03:43 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/24/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/24/13 03:02 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/24/13	Analyst: ML
Arsenic	ND		0.010	mg/L	1	05/25/13 12:05 AM
Barium	ND		0.050	mg/L	1	05/25/13 12:05 AM
Cadmium	ND		0.0020	mg/L	1	05/25/13 12:05 AM
Chromium	ND		0.020	mg/L	1	05/25/13 12:05 AM
Lead	ND		0.010	mg/L	1	05/25/13 12:05 AM
Selenium	ND		0.020	mg/L	1	05/25/13 12:05 AM
Silver	ND		0.0050	mg/L	1	05/25/13 12:05 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/24/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/24/13 08:09 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/24/13 08:09 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/24/13 08:09 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/24/13 08:09 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/24/13 08:09 PM
Hexachlorobenzene	ND		0.10	mg/L	1	05/24/13 08:09 PM
Hexachloroethane	ND		0.10	mg/L	1	05/24/13 08:09 PM
m-Cresol	ND		0.10	mg/L	1	05/24/13 08:09 PM
Nitrobenzene	ND		0.10	mg/L	1	05/24/13 08:09 PM
o-Cresol	ND		0.10	mg/L	1	05/24/13 08:09 PM
p-Cresol	ND		0.10	mg/L	1	05/24/13 08:09 PM
Pentachlorophenol	ND		0.40	mg/L	1	05/24/13 08:09 PM
Pyridine	ND		0.40	mg/L	1	05/24/13 08:09 PM
Surr: 2,4,6-Tribromophenol	51.1		21-125	%REC	1	05/24/13 08:09 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: SW-2-052113W
Collection Date: 05/21/13 08:33 AM

Work Order: 1305868
Lab ID: 1305868-09
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	67.5		39-94	%REC	1	05/24/13 08:09 PM
<i>Surr: 2-Fluorophenol</i>	43.9		10-75	%REC	1	05/24/13 08:09 PM
<i>Surr: 4-Terphenyl-d14</i>	94.2		26-119	%REC	1	05/24/13 08:09 PM
<i>Surr: Nitrobenzene-d5</i>	51.6		41-104	%REC	1	05/24/13 08:09 PM
<i>Surr: Phenol-d6</i>	23.4		11-50	%REC	1	05/24/13 08:09 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/22/13	Analyst: AK
1,1-Dichloroethene	ND		0.020	mg/L	20	05/23/13 07:22 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/23/13 07:22 PM
2-Butanone	ND		0.20	mg/L	20	05/23/13 07:22 PM
Benzene	ND		0.020	mg/L	20	05/23/13 07:22 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/23/13 07:22 PM
Chlorobenzene	ND		0.020	mg/L	20	05/23/13 07:22 PM
Chloroform	ND		0.020	mg/L	20	05/23/13 07:22 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/23/13 07:22 PM
Trichloroethene	ND		0.020	mg/L	20	05/23/13 07:22 PM
Vinyl chloride	ND		0.020	mg/L	20	05/23/13 07:22 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	107		70-130	%REC	20	05/23/13 07:22 PM
<i>Surr: 4-Bromofluorobenzene</i>	100		70-130	%REC	20	05/23/13 07:22 PM
<i>Surr: Dibromofluoromethane</i>	97.6		70-130	%REC	20	05/23/13 07:22 PM
<i>Surr: Toluene-d8</i>	100		70-130	%REC	20	05/23/13 07:22 PM

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

Client: Weston Solutions, Inc

QC BATCH REPORT

Work Order: 1305868

Project: 20405.016.001.2063.00-Whirlpool Park Site

Batch ID: 48622

Instrument ID GC4

Method: SW8082

MBLK		Sample ID: PBLKW1-48622-48622				Units: µg/L		Analysis Date: 05/24/13 10:02 AM		
Client ID:		Run ID: GC4_130524A				SeqNo: 2331521		Prep Date: 05/23/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	0.20								
Aroclor 1221	ND	0.20								
Aroclor 1232	ND	0.20								
Aroclor 1242	ND	0.20								
Aroclor 1248	ND	0.20								
Aroclor 1254	ND	0.20								
Aroclor 1260	ND	0.20								
<i>Surr: Decachlorobiphenyl</i>	0.05	0	0.1	0	50	30-150	0			

LCS		Sample ID: PLCSW1-48622-48622				Units: µg/L		Analysis Date: 05/24/13 10:22 AM		
Client ID:		Run ID: GC4_130524A				SeqNo: 2331522		Prep Date: 05/23/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	1.552	0.20	2.5	0	62.1	30-150	0			
Aroclor 1260	1.71	0.20	2.5	0	68.4	30-150	0			
<i>Surr: Decachlorobiphenyl</i>	0.058	0	0.1	0	58	30-150	0			

MS		Sample ID: 1305901-11E MS				Units: µg/L		Analysis Date: 05/24/13 11:41 AM		
Client ID:		Run ID: GC4_130524A				SeqNo: 2331526		Prep Date: 05/23/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	14.86	2.0	25	0	59.4	30-150	0			
Aroclor 1260	16.42	2.0	25	0	65.7	30-150	0			
<i>Surr: Decachlorobiphenyl</i>	0.58	0	1	0	58	30-150	0			

MSD		Sample ID: 1305901-11E MSD				Units: µg/L		Analysis Date: 05/24/13 12:01 PM		
Client ID:		Run ID: GC4_130524A				SeqNo: 2331527		Prep Date: 05/23/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	14.31	2.0	25	0	57.2	30-150	14.86	3.77	40	
Aroclor 1260	16.88	2.0	25	0	67.5	30-150	16.42	2.76	40	
<i>Surr: Decachlorobiphenyl</i>	0.57	0	1	0	57	30-150	0.58	1.74	40	

The following samples were analyzed in this batch:

1305868-04B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48623** Instrument ID **GC12** Method: **SW8081**

MBLK		Sample ID: PBLKW1-48623-48623				Units: µg/L		Analysis Date: 05/24/13 02:56 PM		
Client ID:		Run ID: GC12_130524A			SeqNo: 2332921		Prep Date: 05/23/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
4,4'-DDD	ND	0.020								
4,4'-DDE	ND	0.020								
4,4'-DDT	ND	0.020								
Aldrin	ND	0.010								
alpha-BHC	ND	0.010								
alpha-Chlordane	ND	0.020								
beta-BHC	ND	0.010								
Chlordane, Technical	ND	0.50								
delta-BHC	ND	0.010								
Dieldrin	ND	0.020								
Endosulfan I	ND	0.020								
Endosulfan II	ND	0.020								
Endosulfan sulfate	ND	0.020								
Endrin	ND	0.020								
Endrin aldehyde	ND	0.020								
Endrin ketone	ND	0.020								
gamma-BHC (Lindane)	ND	0.010								
gamma-Chlordane	ND	0.020								
Heptachlor	ND	0.010								
Heptachlor epoxide	ND	0.010								
Hexachlorobenzene	ND	0.010								
Methoxychlor	ND	0.040								
Toxaphene	ND	2.0								
<i>Surr: Decachlorobiphenyl</i>	<i>0.054</i>	<i>0</i>	<i>0.1</i>	<i>0</i>	<i>54</i>	<i>30-135</i>	<i>0</i>			
<i>Surr: Tetrachloro-m-xylene</i>	<i>0.042</i>	<i>0</i>	<i>0.1</i>	<i>0</i>	<i>42</i>	<i>25-140</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48623** Instrument ID **GC12** Method: **SW8081**

LCS		Sample ID: PLCSW1-48623-48623				Units: µg/L		Analysis Date: 05/24/13 03:12 PM		
Client ID:		Run ID: GC12_130524A			SeqNo: 2332922		Prep Date: 05/23/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
4,4'-DDD	0.088	0.020	0.1	0	88	25-150	0			
4,4'-DDE	0.063	0.020	0.1	0	63	35-140	0			
4,4'-DDT	0.083	0.020	0.1	0	83	45-140	0			
Aldrin	0.07	0.010	0.1	0	70	25-140	0			
alpha-BHC	0.069	0.010	0.1	0	69	60-130	0			
alpha-Chlordane	0.077	0.020	0.1	0	77	50-150	0			
beta-BHC	0.08	0.010	0.1	0	80	65-125	0			
delta-BHC	0.086	0.010	0.1	0	86	45-135	0			
Dieldrin	0.085	0.020	0.1	0	85	60-130	0			
Endosulfan I	0.08	0.020	0.1	0	80	50-110	0			
Endosulfan II	0.085	0.020	0.1	0	85	30-130	0			
Endosulfan sulfate	0.094	0.020	0.1	0	94	55-135	0			
Endrin	0.094	0.020	0.1	0	94	55-135	0			
Endrin aldehyde	0.079	0.020	0.1	0	79	55-135	0			
Endrin ketone	0.092	0.020	0.1	0	92	50-150	0			
gamma-BHC (Lindane)	0.078	0.010	0.1	0	78	25-135	0			
gamma-Chlordane	0.076	0.020	0.1	0	76	50-150	0			
Heptachlor	0.072	0.010	0.1	0	72	40-130	0			
Heptachlor epoxide	0.08	0.010	0.1	0	80	60-130	0			
Methoxychlor	0.092	0.040	0.1	0	92	55-150	0			
<i>Surr: Decachlorobiphenyl</i>	<i>0.085</i>	<i>0</i>	<i>0.1</i>	<i>0</i>	<i>85</i>	<i>30-135</i>	<i>0</i>			
<i>Surr: Tetrachloro-m-xylene</i>	<i>0.056</i>	<i>0</i>	<i>0.1</i>	<i>0</i>	<i>56</i>	<i>25-140</i>	<i>0</i>			

The following samples were analyzed in this batch: 1305868-04B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48624** Instrument ID **GC12** Method: **SW8081**

MBLK		Sample ID: PBLKW1-48624-48624				Units: µg/L		Analysis Date: 05/24/13 02:56 PM		
Client ID:		Run ID: GC12_130524A				SeqNo: 2332918		Prep Date: 05/23/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chlordane, Technical	ND	1.0								
Endrin	ND	0.050								
gamma-BHC (Lindane)	ND	0.050								
Heptachlor	ND	0.050								
Methoxychlor	ND	0.050								
Toxaphene	ND	4.0								
<i>Surr: Decachlorobiphenyl</i>	<i>0.054</i>	<i>0</i>	<i>0.1</i>	<i>0</i>	<i>54</i>	<i>30-135</i>	<i>0</i>			
<i>Surr: Tetrachloro-m-xylene</i>	<i>0.042</i>	<i>0</i>	<i>0.1</i>	<i>0</i>	<i>42</i>	<i>25-140</i>	<i>0</i>			

LCS		Sample ID: PLCSW1-48624-48624				Units: µg/L		Analysis Date: 05/24/13 03:12 PM		
Client ID:		Run ID: GC12_130524A				SeqNo: 2332919		Prep Date: 05/23/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Endrin	0.094	0.050	0.1	0	94	55-135	0			
gamma-BHC (Lindane)	0.078	0.050	0.1	0	78	25-135	0			
Heptachlor	0.072	0.050	0.1	0	72	40-130	0			
Methoxychlor	0.092	0.050	0.1	0	92	55-150	0			
<i>Surr: Decachlorobiphenyl</i>	<i>0.085</i>	<i>0</i>	<i>0.1</i>	<i>0</i>	<i>85</i>	<i>30-135</i>	<i>0</i>			
<i>Surr: Tetrachloro-m-xylene</i>	<i>0.056</i>	<i>0</i>	<i>0.1</i>	<i>0</i>	<i>56</i>	<i>25-140</i>	<i>0</i>			

MS		Sample ID: 1305868-09B MS				Units: µg/L		Analysis Date: 05/24/13 03:58 PM		
Client ID: SW-2-052113W		Run ID: GC12_130524A				SeqNo: 2332915		Prep Date: 05/23/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Endrin	1.68	1.0	2	0	84	55-135	0			
gamma-BHC (Lindane)	1.5	1.0	2	0	75	25-135	0			
Heptachlor	1.42	1.0	2	0	71	40-130	0			
Methoxychlor	1.76	1.0	2	0	88	55-150	0			
<i>Surr: Decachlorobiphenyl</i>	<i>1.64</i>	<i>0</i>	<i>2</i>	<i>0</i>	<i>82</i>	<i>30-135</i>	<i>0</i>			
<i>Surr: Tetrachloro-m-xylene</i>	<i>1.24</i>	<i>0</i>	<i>2</i>	<i>0</i>	<i>62</i>	<i>25-140</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48624** Instrument ID **GC12** Method: **SW8081**

MSD		Sample ID: 1305868-09B MSD				Units: µg/L		Analysis Date: 05/24/13 04:14 PM		
Client ID: SW-2-052113W		Run ID: GC12_130524A		SeqNo: 2332916		Prep Date: 05/23/13		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Endrin	1.74	1.0	2	0	87	55-135	1.68	3.51	35	
gamma-BHC (Lindane)	1.48	1.0	2	0	74	25-135	1.5	1.34	35	
Heptachlor	1.38	1.0	2	0	69	40-130	1.42	2.86	35	
Methoxychlor	1.74	1.0	2	0	87	55-150	1.76	1.14	35	
<i>Surr: Decachlorobiphenyl</i>	1.66	0	2	0	83	30-135	1.64	1.21	35	
<i>Surr: Tetrachloro-m-xylene</i>	0.96	0	2	0	48	25-140	1.24	25.5	35	

The following samples were analyzed in this batch: 1305868-09B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48625** Instrument ID **GC7** Method: **SW8151**

MBLK		Sample ID: HBLKW1-48625-48625				Units: µg/L		Analysis Date: 05/28/13 01:17 PM			
Client ID:		Run ID: GC7_130528A				SeqNo: 2334167		Prep Date: 05/23/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
2,4,5-T	ND	1.0									
2,4,5-TP (Silvex)	ND	2.0									
2,4-D	ND	2.0									
Surr: DCAA	59.7	0	50	0	119	30-150	0				

MBLK		Sample ID: HBLKW1-48625-48625				Units: µg/L		Analysis Date: 05/28/13 01:17 PM			
Client ID:		Run ID: GC7_130528A				SeqNo: 2334169		Prep Date: 05/23/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
2,4,5-TP (Silvex)	ND	5.0									
2,4-D	ND	5.0									
Surr: DCAA	59.7	0	50	0	119	30-150	0				

LCS		Sample ID: HLCSW1-48625-48625				Units: µg/L		Analysis Date: 05/28/13 01:35 PM			
Client ID:		Run ID: GC7_130528A				SeqNo: 2334168		Prep Date: 05/23/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
2,4,5-T	72.3	1.0	50	0	145	50-150	0				
2,4,5-TP (Silvex)	63.3	2.0	50	0	127	50-150	0				
2,4-D	69.1	2.0	50	0	138	50-150	0				
Surr: DCAA	55.3	0	50	0	111	30-150	0				

LCS		Sample ID: HLCSW1-48625-48625				Units: µg/L		Analysis Date: 05/28/13 01:35 PM			
Client ID:		Run ID: GC7_130528A				SeqNo: 2334170		Prep Date: 05/23/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
2,4,5-TP (Silvex)	63.3	5.0	50	0	127	50-150	0				
2,4-D	69.1	5.0	50	0	138	50-150	0				
Surr: DCAA	55.3	0	50	0	111	30-150	0				

MS		Sample ID: 1305868-09B MS				Units: µg/L		Analysis Date: 05/28/13 02:24 PM			
Client ID: SW-2-052113W		Run ID: GC7_130528A				SeqNo: 2334164		Prep Date: 05/23/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
2,4,5-TP (Silvex)	70.5	5.0	50	0	141	50-150	0				
2,4-D	71.9	5.0	50	0	144	50-150	0				
Surr: DCAA	63.2	0	50	0	126	30-150	0				

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48625** Instrument ID **GC7** Method: **SW8151**

MSD		Sample ID: 1305868-09B MSD				Units: µg/L		Analysis Date: 05/28/13 02:39 PM		
Client ID: SW-2-052113W		Run ID: GC7_130528A		SeqNo: 2334165		Prep Date: 05/23/13		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-TP (Silvex)	70.8	5.0	50	0	142	50-150	70.5	0.425	30	
2,4-D	73	5.0	50	0	146	50-150	71.9	1.52	30	
<i>Surr: DCAA</i>	<i>60.9</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>122</i>	<i>30-150</i>	<i>63.2</i>	<i>3.71</i>	<i>30</i>	

The following samples were analyzed in this batch: 1305868-04B 1305868-09B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48626** Instrument ID **GC12** Method: **SW8151**

MBLK		Sample ID: HBLKS1-48626-48626				Units: µg/Kg		Analysis Date: 05/29/13 02:27 PM		
Client ID:		Run ID: GC12_130529A		SeqNo: 2334495		Prep Date: 05/24/13		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-T	ND	50								
2,4,5-TP (Silvex)	ND	100								
2,4-D	ND	50								
<i>Surr: DCAA</i>	<i>53.8</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>108</i>	<i>30-150</i>	<i>0</i>			

LCS		Sample ID: HLCSS1-48626-48626				Units: µg/Kg		Analysis Date: 05/29/13 02:41 PM		
Client ID:		Run ID: GC12_130529A		SeqNo: 2334496		Prep Date: 05/24/13		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-T	70.3	50	50	0	141	30-150	0			
2,4,5-TP (Silvex)	70.5	100	50	0	141	30-150	0			J
2,4-D	66.9	50	50	0	134	20-130	0			S
<i>Surr: DCAA</i>	<i>54.4</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>109</i>	<i>30-150</i>	<i>0</i>			

MS		Sample ID: 1305868-01B MS				Units: µg/Kg		Analysis Date: 05/29/13 03:08 PM		
Client ID: IA2-56-000.5W		Run ID: GC12_130529A		SeqNo: 2334489		Prep Date: 05/24/13		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-T	65.02	49	48.89	0	133	30-150	0			
2,4,5-TP (Silvex)	65.71	98	48.89	0	134	30-150	0			J
2,4-D	61.4	49	48.89	0	126	20-130	0			
<i>Surr: DCAA</i>	<i>53.39</i>	<i>0</i>	<i>48.89</i>	<i>0</i>	<i>109</i>	<i>30-150</i>	<i>0</i>			

MSD		Sample ID: 1305868-01B MSD				Units: µg/Kg		Analysis Date: 05/29/13 03:22 PM		
Client ID: IA2-56-000.5W		Run ID: GC12_130529A		SeqNo: 2334490		Prep Date: 05/24/13		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-T	68.4	49	49.49	0	138	30-150	65.02	5.06	30	
2,4,5-TP (Silvex)	68.4	99	49.49	0	138	30-150	65.71	0	30	J
2,4-D	84.23	49	49.49	0	170	20-130	61.4	31.4	30	SR
<i>Surr: DCAA</i>	<i>54.93</i>	<i>0</i>	<i>49.49</i>	<i>0</i>	<i>111</i>	<i>30-150</i>	<i>53.39</i>	<i>2.86</i>	<i>30</i>	

The following samples were analyzed in this batch:

1305868-01B	1305868-02B	1305868-03B
1305868-05B	1305868-06B	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48639** Instrument ID **GC4** Method: **SW8082**

MBLK		Sample ID: PBLKS1-48639-48639			Units: µg/Kg			Analysis Date: 05/24/13 12:40 PM		
Client ID:		Run ID: GC4_130524A			SeqNo: 2332663		Prep Date: 05/23/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	40								
Aroclor 1221	ND	40								
Aroclor 1232	ND	40								
Aroclor 1242	ND	40								
Aroclor 1248	ND	40								
Aroclor 1254	ND	40								
Aroclor 1260	ND	40								
<i>Surr: Decachlorobiphenyl</i>	32.67	0	33.3	0	98.1	50-130	0			

MBLK		Sample ID: PBLKS1-48639-48639			Units: µg/Kg			Analysis Date: 05/24/13 12:40 PM		
Client ID:		Run ID: GC4_130524A			SeqNo: 2332674		Prep Date: 05/23/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	40	0	0	0	0-0	0			
Aroclor 1221	ND	40	0	0	0	0-0	0			
Aroclor 1232	ND	40	0	0	0	0-0	0			
Aroclor 1242	ND	40	0	0	0	0-0	0			
Aroclor 1248	ND	40	0	0	0	0-0	0			
Aroclor 1254	ND	40	0	0	0	0-0	0			
Aroclor 1260	ND	40	0	0	0	0-0	0			
<i>Surr: Decachlorobiphenyl</i>	32.67	0	33.3	0	98.1	40-140	0			

LCS		Sample ID: PLCSS1-48639-48639			Units: µg/Kg			Analysis Date: 05/24/13 01:00 PM		
Client ID:		Run ID: GC4_130524A			SeqNo: 2332664		Prep Date: 05/23/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	850.7	40	833	0	102	50-130	0			
Aroclor 1260	898.7	40	833	0	108	50-130	0			
<i>Surr: Decachlorobiphenyl</i>	33	0	33.3	0	99.1	50-130	0			

LCS		Sample ID: PLCSS1-48639-48639			Units: µg/Kg			Analysis Date: 05/24/13 01:00 PM		
Client ID:		Run ID: GC4_130524A			SeqNo: 2332675		Prep Date: 05/23/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	850.7	40	833	0	102	50-130	0			
Aroclor 1260	898.7	40	833	0	108	50-130	0			
<i>Surr: Decachlorobiphenyl</i>	33	0	33.3	0	99.1	40-140	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48639** Instrument ID **GC4** Method: **SW8082**

MS		Sample ID: 1305868-01B MS				Units: µg/Kg		Analysis Date: 05/24/13 02:20 PM		
Client ID: IA2-56-000.5W		Run ID: GC4_130524A				SeqNo: 2332686		Prep Date: 05/23/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	761	40	831.5	0	91.5	40-140	0			
Aroclor 1260	775.9	40	831.5	0	93.3	40-140	0			
<i>Surr: Decachlorobiphenyl</i>	26.95	0	33.24	0	81.1	40-140	0			

MSD		Sample ID: 1305868-01B MSD				Units: µg/Kg		Analysis Date: 05/24/13 02:40 PM		
Client ID: IA2-56-000.5W		Run ID: GC4_130524A				SeqNo: 2332676		Prep Date: 05/23/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	761	39	822.5	0	92.5	40-140	761	0.00175	50	
Aroclor 1260	788	39	822.5	0	95.8	40-140	775.9	1.54	50	
<i>Surr: Decachlorobiphenyl</i>	28.64	0	32.88	0	87.1	40-140	26.95	6.06	50	

The following samples were analyzed in this batch:

1305868-01B	1305868-02B	1305868-03B
1305868-05B	1305868-06B	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48640** Instrument ID **GC12** Method: **SW8081**

MBLK		Sample ID: PBLKS1-48640-48640				Units: µg/Kg		Analysis Date: 05/24/13 09:45 AM		
Client ID:		Run ID: GC12_130524A			SeqNo: 2331507		Prep Date: 05/23/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
4,4'-DDD	ND	10								
4,4'-DDE	ND	10								
4,4'-DDT	ND	10								
Aldrin	ND	10								
alpha-BHC	ND	10								
alpha-Chlordane	ND	10								
beta-BHC	ND	10								
Chlordane, Technical	ND	25								
delta-BHC	ND	10								
Dieldrin	ND	10								
Endosulfan I	ND	10								
Endosulfan II	ND	10								
Endosulfan sulfate	ND	10								
Endrin	ND	10								
Endrin aldehyde	ND	10								
Endrin ketone	ND	10								
gamma-BHC (Lindane)	ND	10								
gamma-Chlordane	ND	10								
Heptachlor	ND	10								
Heptachlor epoxide	ND	10								
Methoxychlor	ND	10								
Toxaphene	ND	60								
<i>Surr: Decachlorobiphenyl</i>	36	0	33.3	0	108	45-135	0			
<i>Surr: Tetrachloro-m-xylene</i>	31.33	0	33.3	0	94.1	45-124	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48640** Instrument ID **GC12** Method: **SW8081**

LCS		Sample ID: PLCSS1-48640-48640				Units: µg/Kg		Analysis Date: 05/24/13 10:01 AM		
Client ID:		Run ID: GC12_130524A				SeqNo: 2331508		Prep Date: 05/23/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
4,4'-DDD	36.33	10	33.33	0	109	30-135	0			
4,4'-DDE	28.67	10	33.33	0	86	70-125	0			
4,4'-DDT	38	10	33.33	0	114	45-140	0			
Aldrin	33.67	10	33.33	0	101	45-140	0			
alpha-BHC	34.33	10	33.33	0	103	60-125	0			
alpha-Chlordane	35.67	10	33.33	0	107	50-150	0			
beta-BHC	35	10	33.33	0	105	60-125	0			
delta-BHC	39.67	10	33.33	0	119	55-130	0			
Dieldrin	37.33	10	33.33	0	112	65-125	0			
Endosulfan I	36.33	10	33.33	0	109	15-135	0			
Endosulfan II	36.67	10	33.33	0	110	35-140	0			
Endosulfan sulfate	39.33	10	33.33	0	118	60-135	0			
Endrin	44.67	10	33.33	0	134	60-135	0			
Endrin aldehyde	34	10	33.33	0	102	35-145	0			
Endrin ketone	38	10	33.33	0	114	50-150	0			
gamma-BHC (Lindane)	36.33	10	33.33	0	109	60-125	0			
gamma-Chlordane	36.33	10	33.33	0	109	50-150	0			
Heptachlor	34.67	10	33.33	0	104	50-140	0			
Heptachlor epoxide	36.33	10	33.33	0	109	65-130	0			
Methoxychlor	38.33	10	33.33	0	115	55-145	0			
<i>Surr: Decachlorobiphenyl</i>	38	0	33.3	0	114	45-135	0			
<i>Surr: Tetrachloro-m-xylene</i>	31	0	33.3	0	93.1	45-124	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48640 Instrument ID GC12 Method: SW8081

MS		Sample ID: 1305868-01B MS				Units: µg/Kg		Analysis Date: 05/24/13 12:36 PM		
Client ID: IA2-56-000.5W		Run ID: GC12_130524A				SeqNo: 2331505		Prep Date: 05/23/13		DF: 4
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
4,4'-DDD	36.69	39	32.76	0	112	30-135	0			J
4,4'-DDE	43.25	39	32.76	15.28	85.4	70-125	0			
4,4'-DDT	48.49	39	32.76	14.01	105	45-140	0			
Aldrin	32.76	39	32.76	0	100	45-140	0			J
alpha-BHC	34.07	39	32.76	0	104	60-125	0			J
alpha-Chlordane	35.38	39	32.76	0	108	50-150	0			J
beta-BHC	35.38	39	32.76	0	108	60-125	0			J
delta-BHC	38.01	39	32.76	0	116	55-130	0			J
Dieldrin	38.01	39	32.76	0	116	65-125	0			J
Endosulfan I	35.38	39	32.76	0	108	15-135	0			J
Endosulfan II	34.07	39	32.76	0	104	35-140	0			J
Endosulfan sulfate	38.01	39	32.76	0	116	60-135	0			J
Endrin	39.32	39	32.76	0	120	60-135	0			
Endrin aldehyde	30.14	39	32.76	0	92	35-145	0			J
Endrin ketone	36.69	39	32.76	0	112	50-150	0			J
gamma-BHC (Lindane)	35.38	39	32.76	0	108	60-125	0			J
gamma-Chlordane	35.38	39	32.76	0	108	50-150	0			J
Heptachlor	34.07	39	32.76	0	104	50-140	0			J
Heptachlor epoxide	35.38	39	32.76	0	108	65-130	0			J
Methoxychlor	40.63	39	32.76	0	124	55-145	0			
Surr: Decachlorobiphenyl	35.38	0	32.73	0	108	45-135	0			
Surr: Tetrachloro-m-xylene	30.14	0	32.73	0	92.1	45-124	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48640 Instrument ID GC12 Method: SW8081

MSD		Sample ID: 1305868-01B MSD				Units: µg/Kg		Analysis Date: 05/24/13 12:52 PM		
Client ID: IA2-56-000.5W		Run ID: GC12_130524A				SeqNo: 2331506		Prep Date: 05/23/13		DF: 4
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
4,4'-DDD	37.75	39	32.54	0	116	30-135	36.69	0	35	J
4,4'-DDE	45.56	39	32.54	15.28	93.1	70-125	43.25	5.22	35	
4,4'-DDT	49.47	39	32.54	14.01	109	45-140	48.49	2	35	
Aldrin	33.85	39	32.54	0	104	45-140	32.76	0	35	J
alpha-BHC	33.85	39	32.54	0	104	60-125	34.07	0	35	J
alpha-Chlordane	35.15	39	32.54	0	108	50-150	35.38	0	35	J
beta-BHC	35.15	39	32.54	0	108	60-125	35.38	0	35	J
delta-BHC	39.05	39	32.54	0	120	55-130	38.01	2.72	35	
Dieldrin	39.05	39	32.54	0	120	65-125	38.01	2.72	35	
Endosulfan I	35.15	39	32.54	0	108	15-135	35.38	0	35	J
Endosulfan II	35.15	39	32.54	0	108	35-140	34.07	0	35	J
Endosulfan sulfate	40.36	39	32.54	0	124	60-135	38.01	6	35	
Endrin	41.66	39	32.54	0	128	60-135	39.32	5.79	35	
Endrin aldehyde	31.24	39	32.54	0	96	35-145	30.14	0	35	J
Endrin ketone	36.45	39	32.54	0	112	50-150	36.69	0	35	J
gamma-BHC (Lindane)	35.15	39	32.54	0	108	60-125	35.38	0	35	J
gamma-Chlordane	35.15	39	32.54	0	108	50-150	35.38	0	35	J
Heptachlor	33.85	39	32.54	0	104	50-140	34.07	0	35	J
Heptachlor epoxide	36.45	39	32.54	0	112	65-130	35.38	0	35	J
Methoxychlor	39.05	39	32.54	0	120	55-145	40.63	3.94	35	
Surr: Decachlorobiphenyl	39.05	0	32.51	0	120	45-135	35.38	9.86	35	
Surr: Tetrachloro-m-xylene	31.24	0	32.51	0	96.1	45-124	30.14	3.59	35	

The following samples were analyzed in this batch:

1305868-01B	1305868-02B	1305868-03B
1305868-05B	1305868-06B	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48598** Instrument ID **HG1** Method: **SW7471**

MBLK	Sample ID: MBLK-48598-48598		Units: mg/Kg		Analysis Date: 05/22/13 04:26 PM					
Client ID:	Run ID: HG1_130522A		SeqNo: 2328706		Prep Date: 05/22/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury ND 0.020

LCS	Sample ID: LCS-48598-48598		Units: mg/Kg		Analysis Date: 05/22/13 04:28 PM					
Client ID:	Run ID: HG1_130522A		SeqNo: 2328707		Prep Date: 05/22/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1828 0.020 0.1665 0 110 80-120 0

MS	Sample ID: 1305792-03AMS		Units: mg/Kg		Analysis Date: 05/23/13 01:07 PM					
Client ID:	Run ID: HG1_130523A		SeqNo: 2329726		Prep Date: 05/22/13 DF: 2					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.3356 0.032 0.1332 0.1543 136 75-125 0 S

MSD	Sample ID: 1305792-03AMSD		Units: mg/Kg		Analysis Date: 05/23/13 01:09 PM					
Client ID:	Run ID: HG1_130523A		SeqNo: 2329727		Prep Date: 05/22/13 DF: 2					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.2989 0.031 0.1274 0.1543 113 75-125 0.3356 11.6 35

The following samples were analyzed in this batch: 1305868-01B 1305868-02B 1305868-03B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48669** Instrument ID **HG1** Method: **SW7470**

MBLK	Sample ID: MBLK-48669-48669		Units: mg/L		Analysis Date: 05/24/13 02:48 PM					
Client ID:	Run ID: HG1_130524A		SeqNo: 2331646		Prep Date: 05/24/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury ND 0.00020

LCS	Sample ID: LCS-48669-48669		Units: mg/L		Analysis Date: 05/24/13 02:50 PM					
Client ID:	Run ID: HG1_130524A		SeqNo: 2331648		Prep Date: 05/24/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.001928 0.00020 0.002 0 96.4 80-120 0

MS	Sample ID: 1305868-09BMS		Units: mg/L		Analysis Date: 05/24/13 03:04 PM					
Client ID: SW-2-052113W	Run ID: HG1_130524A		SeqNo: 2331655		Prep Date: 05/24/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.01997 0.0020 0.02 0.00008 99.4 75-125 0

MSD	Sample ID: 1305868-09BMSD		Units: mg/L		Analysis Date: 05/24/13 03:06 PM					
Client ID: SW-2-052113W	Run ID: HG1_130524A		SeqNo: 2331656		Prep Date: 05/24/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.02007 0.0020 0.02 0.00008 100 75-125 0.01997 0.5 20

The following samples were analyzed in this batch: 1305868-04C 1305868-09B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48670** Instrument ID **HG1** Method: **SW7471**

MBLK	Sample ID: MBLK-48670-48670		Units: mg/Kg		Analysis Date: 05/24/13 04:12 PM					
Client ID:	Run ID: HG1_130524A		SeqNo: 2331789		Prep Date: 05/24/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury ND 0.020

LCS	Sample ID: LCS-48670-48670		Units: mg/Kg		Analysis Date: 05/24/13 04:14 PM					
Client ID:	Run ID: HG1_130524A		SeqNo: 2331790		Prep Date: 05/24/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1728 0.020 0.1665 0 104 80-120 0

MS	Sample ID: 1305937-01BMS		Units: mg/Kg		Analysis Date: 05/24/13 05:15 PM					
Client ID:	Run ID: HG1_130524A		SeqNo: 2331818		Prep Date: 05/24/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1475 0.015 0.1241 0.01889 104 75-125 0

MSD	Sample ID: 1305937-01BMSD		Units: mg/Kg		Analysis Date: 05/24/13 05:17 PM					
Client ID:	Run ID: HG1_130524A		SeqNo: 2331819		Prep Date: 05/24/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1417 0.015 0.1246 0.01889 98.6 75-125 0.1475 3.97 35

The following samples were analyzed in this batch: 1305868-05B 1305868-06B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48672** Instrument ID **ICPMS1** Method: **SW6020A**

MBLK		Sample ID: MBLK-48672-48672			Units: mg/L			Analysis Date: 05/24/13 09:01 PM		
Client ID:		Run ID: ICPMS1_130524A			SeqNo: 2332107		Prep Date: 05/24/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	ND	0.0050								
Arsenic	ND	0.0050								
Chromium	ND	0.0050								
Cobalt	ND	0.0050								
Copper	0.001493	0.0050								J
Iron	ND	0.080								
Manganese	ND	0.0050								
Nickel	ND	0.0050								
Potassium	0.06901	0.20								J
Selenium	0.0006502	0.0050								J
Silver	ND	0.0050								
Vanadium	ND	0.0050								
Zinc	ND	0.010								

MBLK		Sample ID: MBLK-48672-48672			Units: mg/L			Analysis Date: 05/28/13 01:22 PM		
Client ID:		Run ID: ICPMS1_130528A			SeqNo: 2332814		Prep Date: 05/24/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	ND	0.0050								
Boron	ND	0.020								
Cadmium	ND	0.0020								
Calcium	ND	0.50								
Lead	ND	0.0050								
Magnesium	ND	0.20								
Sodium	ND	0.20								
Thallium	ND	0.0050								

MBLK		Sample ID: MBLK-48672-48672			Units: mg/L			Analysis Date: 05/29/13 02:18 PM		
Client ID:		Run ID: ICPMS1_130529A			SeqNo: 2334117		Prep Date: 05/24/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Beryllium	ND	0.0020								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48672** Instrument ID **ICPMS1** Method: **SW6020A**

LCS		Sample ID: LCS-48672-48672			Units: mg/L			Analysis Date: 05/24/13 09:07 PM		
Client ID:		Run ID: ICPMS1_130524A			SeqNo: 2332108		Prep Date: 05/24/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.09049	0.0050	0.1	0	90.5	80-120	0			
Arsenic	0.09705	0.0050	0.1	0	97	80-120	0			
Chromium	0.0911	0.0050	0.1	0	91.1	80-120	0			
Cobalt	0.08847	0.0050	0.1	0	88.5	80-120	0			
Copper	0.09029	0.0050	0.1	0	90.3	80-120	0			
Iron	9.497	0.080	10	0	95	80-120	0			
Manganese	0.09521	0.0050	0.1	0	95.2	80-120	0			
Nickel	0.09056	0.0050	0.1	0	90.6	80-120	0			
Potassium	8.997	0.20	10	0	90	80-120	0			
Selenium	0.09528	0.0050	0.1	0	95.3	80-120	0			
Silver	0.09136	0.0050	0.1	0	91.4	80-120	0			
Vanadium	0.09248	0.0050	0.1	0	92.5	80-120	0			
Zinc	0.09338	0.010	0.1	0	93.4	80-120	0			

LCS		Sample ID: LCS-48672-48672			Units: mg/L			Analysis Date: 05/28/13 01:28 PM		
Client ID:		Run ID: ICPMS1_130528A			SeqNo: 2332815		Prep Date: 05/24/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	0.09796	0.0050	0.1	0	98	80-120	0			
Boron	0.4625	0.020	0.5	0	92.5	80-120	0			
Cadmium	0.1012	0.0020	0.1	0	101	80-120	0			
Calcium	9.884	0.50	10	0	98.8	80-120	0			
Lead	0.1013	0.0050	0.1	0	101	80-120	0			
Magnesium	9.668	0.20	10	0	96.7	80-120	0			
Sodium	9.615	0.20	10	0	96.2	80-120	0			
Thallium	0.09543	0.0050	0.1	0	95.4	80-120	0			

LCS		Sample ID: LCS-48672-48672			Units: mg/L			Analysis Date: 05/29/13 02:43 PM		
Client ID:		Run ID: ICPMS1_130529A			SeqNo: 2334463		Prep Date: 05/24/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Beryllium	0.09528	0.0020	0.1	0	95.3	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48672** Instrument ID **ICPMS1** Method: **SW6020A**

MS		Sample ID: 1305900-01CMS				Units: mg/L		Analysis Date: 05/25/13 01:01 AM		
Client ID:		Run ID: ICPMS1_130524A			SeqNo: 2332152		Prep Date: 05/24/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.09251	0.010	0.1	-0.0009535	93.5	75-125	0			
Antimony	0.09408	0.0050	0.1	0.00005645	94	75-125	0			
Arsenic	0.09635	0.0050	0.1	0.0008167	95.5	75-125	0			
Barium	0.09296	0.0050	0.1	0.0000957	92.9	75-125	0			
Beryllium	0.08799	0.0020	0.1	0.000006295	88	75-125	0			
Boron	0.4722	0.020	0.5	0.04499	85.4	75-125	0			
Cadmium	0.09313	0.0020	0.1	-0.00001116	93.1	75-125	0			
Calcium	9.595	0.50	10	0.1618	94.3	75-125	0			
Chromium	0.09275	0.0050	0.1	0.0003369	92.4	75-125	0			
Cobalt	0.08925	0.0050	0.1	0.00001955	89.2	75-125	0			
Copper	0.1103	0.0050	0.1	0.02029	90	75-125	0			
Iron	9.309	0.080	10	0.003999	93.1	75-125	0			
Lead	0.09318	0.0050	0.1	0.0000195	93.2	75-125	0			
Magnesium	9.547	0.20	10	0.03394	95.1	75-125	0			
Manganese	0.0941	0.0050	0.1	0.001526	92.6	75-125	0			
Nickel	0.09085	0.0050	0.1	0.0002026	90.6	75-125	0			
Potassium	9.599	0.20	10	0.237	93.6	75-125	0			
Selenium	0.09063	0.0050	0.1	0.001265	89.4	75-125	0			
Silver	0.09253	0.0050	0.1	-0.00001469	92.5	75-125	0			
Sodium	128.7	0.20	10	119.3	94	75-125	0			BO
Thallium	0.08803	0.0050	0.1	-0.0001099	88.1	75-125	0			
Vanadium	0.09622	0.0050	0.1	0.0007836	95.4	75-125	0			
Zinc	0.09716	0.010	0.1	0.002406	94.8	75-125	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48672** Instrument ID **ICPMS1** Method: **SW6020A**

MSD		Sample ID: 1305900-01CMSD				Units: mg/L		Analysis Date: 05/25/13 01:07 AM		
Client ID:		Run ID: ICPMS1_130524A			SeqNo: 2332153		Prep Date: 05/24/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.09166	0.010	0.1	-0.0009535	92.6	75-125	0.09251	0.923	20	
Antimony	0.09276	0.0050	0.1	0.00005645	92.7	75-125	0.09408	1.41	20	
Arsenic	0.09694	0.0050	0.1	0.0008167	96.1	75-125	0.09635	0.61	20	
Barium	0.09377	0.0050	0.1	0.0000957	93.7	75-125	0.09296	0.868	20	
Beryllium	0.08685	0.0020	0.1	0.000006295	86.8	75-125	0.08799	1.3	20	
Boron	0.472	0.020	0.5	0.04499	85.4	75-125	0.4722	0.0424	20	
Cadmium	0.09312	0.0020	0.1	-0.00001116	93.1	75-125	0.09313	0.0107	20	
Calcium	9.553	0.50	10	0.1618	93.9	75-125	9.595	0.439	20	
Chromium	0.09193	0.0050	0.1	0.0003369	91.6	75-125	0.09275	0.888	20	
Cobalt	0.08835	0.0050	0.1	0.00001955	88.3	75-125	0.08925	1.01	20	
Copper	0.1093	0.0050	0.1	0.02029	89	75-125	0.1103	0.911	20	
Iron	9.203	0.080	10	0.003999	92	75-125	9.309	1.15	20	
Lead	0.09314	0.0050	0.1	0.0000195	93.1	75-125	0.09318	0.0429	20	
Magnesium	9.527	0.20	10	0.03394	94.9	75-125	9.547	0.21	20	
Manganese	0.09331	0.0050	0.1	0.001526	91.8	75-125	0.0941	0.843	20	
Nickel	0.09027	0.0050	0.1	0.0002026	90.1	75-125	0.09085	0.64	20	
Potassium	9.547	0.20	10	0.237	93.1	75-125	9.599	0.543	20	
Selenium	0.09045	0.0050	0.1	0.001265	89.2	75-125	0.09063	0.199	20	
Silver	0.09096	0.0050	0.1	-0.00001469	91	75-125	0.09253	1.71	20	
Sodium	127.8	0.20	10	119.3	85	75-125	128.7	0.702	20	BO
Thallium	0.08938	0.0050	0.1	-0.0001099	89.5	75-125	0.08803	1.52	20	
Vanadium	0.09476	0.0050	0.1	0.0007836	94	75-125	0.09622	1.53	20	
Zinc	0.09511	0.010	0.1	0.002406	92.7	75-125	0.09716	2.13	20	

The following samples were analyzed in this batch:

1305868-04C	1305868-09B
-------------	-------------

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48697** Instrument ID **ICPMS1** Method: **SW6020A**

MBLK		Sample ID: MBLK-48697-48697			Units: mg/Kg			Analysis Date: 05/28/13 02:46 PM		
Client ID:		Run ID: ICPMS1_130528A			SeqNo: 2332989		Prep Date: 05/28/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	ND	0.25								
Arsenic	ND	0.25								
Barium	ND	0.25								
Boron	0.1582	1.0								J
Cadmium	ND	0.10								
Calcium	ND	25								
Chromium	ND	0.25								
Copper	ND	0.25								
Iron	ND	4.0								
Lead	ND	0.25								
Manganese	ND	0.25								
Nickel	ND	0.25								
Potassium	ND	10								
Selenium	ND	0.25								
Silver	ND	0.25								
Thallium	ND	0.25								
Vanadium	ND	0.25								
Zinc	ND	0.50								

MBLK		Sample ID: MBLK-48697-48697			Units: mg/Kg			Analysis Date: 05/29/13 04:02 PM		
Client ID:		Run ID: ICPMS1_130529A			SeqNo: 2334513		Prep Date: 05/28/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.23	0.50								J
Beryllium	ND	0.10								
Cobalt	ND	0.25								

MBLK		Sample ID: MBLK-48697-48697			Units: mg/Kg			Analysis Date: 05/30/13 12:29 PM		
Client ID:		Run ID: ICPMS2_130530A			SeqNo: 2335563		Prep Date: 05/28/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Magnesium	ND	10								
Sodium	ND	10								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48697 Instrument ID ICPMS1 Method: SW6020A

LCS		Sample ID: LCS-48697-48697			Units: mg/Kg			Analysis Date: 05/28/13 02:52 PM		
Client ID:		Run ID: ICPMS1_130528A			SeqNo: 2332990		Prep Date: 05/28/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	4.873	0.25	5	0	97.5	80-120	0			
Arsenic	4.458	0.25	5	0	89.2	80-120	0			
Barium	4.91	0.25	5	0	98.2	80-120	0			
Boron	23.2	1.0	25	0	92.8	80-120	0			
Cadmium	4.76	0.10	5	0	95.2	80-120	0			
Calcium	500	25	500	0	100	80-120	0			
Chromium	4.872	0.25	5	0	97.4	80-120	0			
Copper	4.735	0.25	5	0	94.7	80-120	0			
Iron	500.5	4.0	500	0	100	80-120	0			
Lead	5.16	0.25	5	0	103	80-120	0			
Manganese	5.005	0.25	5	0	100	80-120	0			
Nickel	4.75	0.25	5	0	95	80-120	0			
Potassium	492.1	10	500	0	98.4	80-120	0			
Selenium	4.25	0.25	5	0	85	80-120	0			
Silver	5.14	0.25	5	0	103	80-120	0			
Thallium	4.88	0.25	5	0	97.6	80-120	0			
Vanadium	4.97	0.25	5	0	99.4	80-120	0			
Zinc	4.37	0.50	5	0	87.4	80-120	0			

LCS		Sample ID: LCS-48697-48697			Units: mg/Kg			Analysis Date: 05/29/13 04:08 PM		
Client ID:		Run ID: ICPMS1_130529A			SeqNo: 2334514		Prep Date: 05/28/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	4.943	0.50	5	0	98.9	80-120	0			
Beryllium	4.44	0.10	5	0	88.8	80-120	0			
Cobalt	4.78	0.25	5	0	95.6	80-120	0			

LCS		Sample ID: LCS-48697-48697			Units: mg/Kg			Analysis Date: 05/30/13 12:34 PM		
Client ID:		Run ID: ICPMS2_130530A			SeqNo: 2335564		Prep Date: 05/28/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Magnesium	499.9	10	500	0	100	80-120	0			
Sodium	508	10	500	0	102	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48697** Instrument ID **ICPMS1** Method: **SW6020A**

MS		Sample ID: 1305937-01BMS			Units: mg/Kg			Analysis Date: 05/28/13 03:28 PM		
Client ID:		Run ID: ICPMS1_130528A			SeqNo: 2333000		Prep Date: 05/28/13		DF: 5	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	4.335	1.8	7.31	0.1358	57.4	75-125	0			S
Arsenic	16.19	1.8	7.31	9.127	96.6	75-125	0			
Barium	338.6	1.8	7.31	306.4	440	75-125	0			SO
Boron	36.7	7.3	36.55	7.445	80	75-125	0			
Cadmium	7.836	0.73	7.31	0.3046	103	75-125	0			
Calcium	57090	180	731	53280	522	75-125	0			SO
Chromium	23.14	1.8	7.31	12.68	143	75-125	0			S
Copper	21.51	1.8	7.31	14.43	97	75-125	0			
Iron	16320	29	731	14530	246	75-125	0			SO
Lead	19.02	1.8	7.31	10.25	120	75-125	0			
Manganese	341.9	1.8	7.31	294.1	655	75-125	0			SO
Nickel	26.77	1.8	7.31	20.58	84.7	75-125	0			
Potassium	3303	73	731	1799	206	75-125	0			S
Selenium	7.219	1.8	7.31	0.7655	88.3	75-125	0			
Silver	7.156	1.8	7.31	-0.003465	97.9	75-125	0			
Thallium	7.533	1.8	7.31	0.002909	103	75-125	0			
Vanadium	45.54	1.8	7.31	31.81	188	75-125	0			SO
Zinc	48.87	3.7	7.31	39.91	123	75-125	0			O

MS		Sample ID: 1305937-01BMS			Units: mg/Kg			Analysis Date: 05/29/13 04:20 PM		
Client ID:		Run ID: ICPMS1_130529A			SeqNo: 2333516		Prep Date: 05/28/13		DF: 5	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	12090	3.7	7.31	8818	44700	75-125	0			SO
Beryllium	5.972	0.73	7.31	0.3763	76.6	75-125	0			
Cobalt	13.38	1.8	7.31	6.082	99.8	75-125	0			

MS		Sample ID: 1305937-01BMS			Units: mg/Kg			Analysis Date: 05/30/13 12:45 PM		
Client ID:		Run ID: ICPMS2_130530A			SeqNo: 2335566		Prep Date: 05/28/13		DF: 5	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Magnesium	13800	73	731	12360	198	75-125	0			SO
Sodium	2377	73	731	1541	114	75-125	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48697 Instrument ID ICPMS1 Method: SW6020A

MSD		Sample ID: 1305937-01BMSD				Units: mg/Kg			Analysis Date: 05/28/13 03:34 PM		
Client ID:		Run ID: ICPMS1_130528A				SeqNo: 2333001		Prep Date: 05/28/13		DF: 5	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Antimony	4.141	1.9	7.407	0.1358	54.1	75-125	4.335	4.58	25	S	
Arsenic	15.61	1.9	7.407	9.127	87.5	75-125	16.19	3.65	25		
Barium	346.6	1.9	7.407	306.4	543	75-125	338.6	2.36	25	SO	
Boron	37.04	7.4	37.04	7.445	79.9	75-125	36.7	0.925	25		
Cadmium	7.7	0.74	7.407	0.3046	99.8	75-125	7.836	1.75	25		
Calcium	57890	190	740.7	53280	623	75-125	57090	1.39	25	SO	
Chromium	23.53	1.9	7.407	12.68	146	75-125	23.14	1.66	25	S	
Copper	21.75	1.9	7.407	14.43	98.9	75-125	21.51	1.09	25		
Iron	16200	30	740.7	14530	226	75-125	16320	0.757	25	SO	
Lead	18.53	1.9	7.407	10.25	112	75-125	19.02	2.61	25		
Manganese	307.4	1.9	7.407	294.1	180	75-125	341.9	10.6	25	SO	
Nickel	27.66	1.9	7.407	20.58	95.5	75-125	26.77	3.26	25		
Potassium	3367	74	740.7	1799	212	75-125	3303	1.93	25	S	
Selenium	7.548	1.9	7.407	0.7655	91.6	75-125	7.219	4.46	25		
Silver	7.174	1.9	7.407	-0.003465	96.9	75-125	7.156	0.246	25		
Thallium	7.478	1.9	7.407	0.002909	101	75-125	7.533	0.734	25		
Vanadium	45.48	1.9	7.407	31.81	185	75-125	45.54	0.131	25	SO	
Zinc	49.96	3.7	7.407	39.91	136	75-125	48.87	2.22	25	SO	

MSD		Sample ID: 1305937-01BMSD				Units: mg/Kg			Analysis Date: 05/29/13 04:25 PM		
Client ID:		Run ID: ICPMS1_130529A				SeqNo: 2334517		Prep Date: 05/28/13		DF: 5	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Aluminum	12690	3.7	7.407	8818	52300	75-125	12090	4.86	25	SO	
Beryllium	6.033	0.74	7.407	0.3763	76.4	75-125	5.972	1.02	25		
Cobalt	12.97	1.9	7.407	6.082	93	75-125	13.38	3.06	25		

MSD		Sample ID: 1305937-01BMSD				Units: mg/Kg			Analysis Date: 05/30/13 12:50 PM		
Client ID:		Run ID: ICPMS2_130530A				SeqNo: 2335567		Prep Date: 05/28/13		DF: 5	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Magnesium	14780	74	740.7	12360	326	75-125	13800	6.81	25	SO	
Sodium	2525	74	740.7	1541	133	75-125	2377	6.04	25	S	

The following samples were analyzed in this batch:

1305868-01B	1305868-02B	1305868-03B
1305868-05B	1305868-06B	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48608** Instrument ID **SVMS6** Method: **SW8270**

MBLK Sample ID: **SBLKS1-48608-48608** Units: **µg/Kg** Analysis Date: **05/23/13 12:47 PM**
 Client ID: Run ID: **SVMS6_130523A** SeqNo: **2330923** Prep Date: **05/22/13** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1`-Biphenyl	ND	330								
2,4,5-Trichlorophenol	ND	160								
2,4,6-Trichlorophenol	ND	160								
2,4-Dichlorophenol	ND	160								
2,4-Dimethylphenol	ND	330								
2,4-Dinitrophenol	ND	660								
2,4-Dinitrotoluene	ND	160								
2,6-Dinitrotoluene	ND	160								
2-Chloronaphthalene	ND	80								
2-Chlorophenol	ND	160								
2-Methylnaphthalene	ND	80								
2-Methylphenol	ND	160								
2-Nitroaniline	ND	660								
2-Nitrophenol	ND	160								
3,3`-Dichlorobenzidine	ND	660								
3-Nitroaniline	ND	660								
4,6-Dinitro-2-methylphenol	ND	330								
4-Bromophenyl phenyl ether	ND	160								
4-Chloro-3-methylphenol	ND	160								
4-Chloroaniline	ND	660								
4-Chlorophenyl phenyl ether	ND	160								
4-Methylphenol	ND	160								
4-Nitroaniline	ND	660								
4-Nitrophenol	ND	660								
Acenaphthene	ND	30								
Acenaphthylene	ND	30								
Acetophenone	ND	330								
Anthracene	ND	30								
Atrazine	ND	330								
Benzaldehyde	ND	330								
Benzo(a)anthracene	ND	30								
Benzo(a)pyrene	ND	30								
Benzo(b)fluoranthene	ND	30								
Benzo(g,h,i)perylene	ND	30								
Benzo(k)fluoranthene	ND	30								
Bis(2-chloroethoxy)methane	ND	160								
Bis(2-chloroethyl)ether	ND	160								
Bis(2-chloroisopropyl)ether	ND	160								
Bis(2-ethylhexyl)phthalate	ND	330								
Butyl benzyl phthalate	ND	160								
Caprolactam	ND	330								
Carbazole	ND	160								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48608	Instrument ID SVMS6	Method: SW8270					
Chrysene	ND	30					
Dibenzo(a,h)anthracene	ND	30					
Dibenzofuran	ND	160					
Diethyl phthalate	ND	330					
Dimethyl phthalate	ND	330					
Di-n-butyl phthalate	ND	330					
Di-n-octyl phthalate	ND	160					
Fluoranthene	ND	30					
Fluorene	ND	30					
Hexachlorobenzene	ND	160					
Hexachlorobutadiene	ND	160					
Hexachlorocyclopentadiene	ND	330					
Hexachloroethane	ND	160					
Indeno(1,2,3-cd)pyrene	ND	30					
Isophorone	ND	160					
Naphthalene	ND	30					
Nitrobenzene	ND	160					
N-Nitrosodi-n-propylamine	ND	160					
N-Nitrosodiphenylamine	ND	160					
Pentachlorophenol	ND	330					
Phenanthrene	ND	30					
Phenol	ND	160					
Pyrene	ND	30					
<i>Surr: 2,4,6-Tribromophenol</i>	784	0	1667	0	47	34-140	0
<i>Surr: 2-Fluorobiphenyl</i>	945.3	0	1667	0	56.7	12-100	0
<i>Surr: 2-Fluorophenol</i>	1215	0	1667	0	72.9	33-117	0
<i>Surr: 4-Terphenyl-d14</i>	1298	0	1667	0	77.9	25-137	0
<i>Surr: Nitrobenzene-d5</i>	979	0	1667	0	58.7	37-107	0
<i>Surr: Phenol-d6</i>	1193	0	1667	0	71.6	40-106	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48608** Instrument ID **SVMS6** Method: **SW8270**

LCS		Sample ID: SLCSS1-48608-48608				Units: µg/Kg		Analysis Date: 05/23/13 01:06 PM		
Client ID:		Run ID: SVMS6_130523A			SeqNo: 2330924		Prep Date: 05/22/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	657.3	160	666.7	0	98.6	50-110	0			
2,4,6-Trichlorophenol	626	160	666.7	0	93.9	45-110	0			
2,4-Dichlorophenol	663	160	666.7	0	99.4	45-110	0			
2,4-Dimethylphenol	504	330	666.7	0	75.6	30-105	0			
2,4-Dinitrophenol	573.3	660	666.7	0	86	15-130	0			J
2,4-Dinitrotoluene	631.7	160	666.7	0	94.7	50-115	0			
2,6-Dinitrotoluene	612.7	160	666.7	0	91.9	50-110	0			
2-Chloronaphthalene	604.7	80	666.7	0	90.7	45-105	0			
2-Chlorophenol	669.7	160	666.7	0	100	45-105	0			
2-Methylnaphthalene	626.3	80	666.7	0	93.9	45-105	0			
2-Methylphenol	664.7	160	666.7	0	99.7	40-105	0			
2-Nitroaniline	601.7	660	666.7	0	90.2	45-120	0			J
2-Nitrophenol	588.7	160	666.7	0	88.3	40-110	0			
3-Nitroaniline	456.7	660	666.7	0	68.5	25-150	0			J
4-Bromophenyl phenyl ether	601.3	160	666.7	0	90.2	45-115	0			
4-Chloro-3-methylphenol	673	160	666.7	0	101	45-115	0			
4-Chloroaniline	390.7	660	666.7	0	58.6	15-110	0			J
4-Chlorophenyl phenyl ether	624.3	160	666.7	0	93.6	45-110	0			
4-Methylphenol	673.7	160	666.7	0	101	40-105	0			
4-Nitroaniline	484.7	660	666.7	0	72.7	35-150	0			J
4-Nitrophenol	718.3	660	666.7	0	108	15-140	0			
Acenaphthene	626	30	666.7	0	93.9	45-110	0			
Acenaphthylene	632.3	30	666.7	0	94.8	45-105	0			
Anthracene	627.7	30	666.7	0	94.1	55-105	0			
Benzo(a)anthracene	671.3	30	666.7	0	101	50-110	0			
Benzo(a)pyrene	727.3	30	666.7	0	109	50-110	0			
Benzo(b)fluoranthene	711.3	30	666.7	0	107	45-115	0			
Benzo(g,h,i)perylene	674.3	30	666.7	0	101	40-125	0			
Benzo(k)fluoranthene	711.7	30	666.7	0	107	45-115	0			
Bis(2-chloroethoxy)methane	616.3	160	666.7	0	92.4	45-110	0			
Bis(2-chloroethyl)ether	509.7	160	666.7	0	76.4	40-105	0			
Bis(2-chloroisopropyl)ether	652	160	666.7	0	97.8	20-115	0			
Bis(2-ethylhexyl)phthalate	665.3	330	666.7	0	99.8	45-125	0			
Butyl benzyl phthalate	635.3	160	666.7	0	95.3	50-125	0			
Carbazole	652.7	160	666.7	0	97.9	50-150	0			
Chrysene	669.3	30	666.7	0	100	55-110	0			
Dibenzo(a,h)anthracene	719.3	30	666.7	0	108	40-125	0			
Dibenzofuran	607.3	160	666.7	0	91.1	50-105	0			
Diethyl phthalate	659	330	666.7	0	98.8	50-115	0			
Dimethyl phthalate	637	330	666.7	0	95.5	50-110	0			
Di-n-butyl phthalate	699	330	666.7	0	105	55-110	0			
Di-n-octyl phthalate	662.3	160	666.7	0	99.3	40-130	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48608	Instrument ID SVMS6	Method: SW8270						
Fluoranthene	667	30	666.7	0	100	55-115		0
Fluorene	639	30	666.7	0	95.8	50-110		0
Hexachlorobenzene	576.7	160	666.7	0	86.5	45-120		0
Hexachlorobutadiene	582.7	160	666.7	0	87.4	40-115		0
Hexachlorocyclopentadiene	420	330	666.7	0	63	40-115		0
Hexachloroethane	584	160	666.7	0	87.6	35-110		0
Indeno(1,2,3-cd)pyrene	708.7	30	666.7	0	106	40-120		0
Isophorone	626.7	160	666.7	0	94	45-110		0
Naphthalene	597.7	30	666.7	0	89.6	40-105		0
Nitrobenzene	629.3	160	666.7	0	94.4	40-115		0
N-Nitrosodi-n-propylamine	683.7	160	666.7	0	103	40-115		0
N-Nitrosodiphenylamine	609.7	160	666.7	0	91.4	50-115		0
Pentachlorophenol	606.3	330	666.7	0	90.9	25-120		0
Phenanthrene	584.7	30	666.7	0	87.7	50-110		0
Phenol	657.3	160	666.7	0	98.6	40-100		0
Pyrene	677.7	30	666.7	0	102	45-125		0
<i>Surr: 2,4,6-Tribromophenol</i>	<i>1323</i>	<i>0</i>	<i>1667</i>	<i>0</i>	<i>79.4</i>	<i>34-140</i>		<i>0</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>1388</i>	<i>0</i>	<i>1667</i>	<i>0</i>	<i>83.3</i>	<i>12-100</i>		<i>0</i>
<i>Surr: 2-Fluorophenol</i>	<i>1658</i>	<i>0</i>	<i>1667</i>	<i>0</i>	<i>99.5</i>	<i>33-117</i>		<i>0</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>1861</i>	<i>0</i>	<i>1667</i>	<i>0</i>	<i>112</i>	<i>25-137</i>		<i>0</i>
<i>Surr: Nitrobenzene-d5</i>	<i>1450</i>	<i>0</i>	<i>1667</i>	<i>0</i>	<i>87</i>	<i>37-107</i>		<i>0</i>
<i>Surr: Phenol-d6</i>	<i>1637</i>	<i>0</i>	<i>1667</i>	<i>0</i>	<i>98.2</i>	<i>40-106</i>		<i>0</i>

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48608** Instrument ID **SVMS6** Method: **SW8270**

MS				Sample ID: 1305796-02A MS			Units: µg/Kg		Analysis Date: 05/23/13 01:26 PM		
Client ID:		Run ID: SVMS6_130523A		SeqNo: 2330925		Prep Date: 05/22/13		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
2,4,5-Trichlorophenol	1956	480	1987	0	98.4	50-110	0				
2,4,6-Trichlorophenol	1778	480	1987	0	89.4	45-110	0				
2,4-Dichlorophenol	1711	480	1987	0	86.1	45-110	0				
2,4-Dimethylphenol	1385	980	1987	0	69.7	30-105	0				
2,4-Dinitrophenol	1693	2,000	1987	0	85.2	15-130	0			J	
2,4-Dinitrotoluene	1824	480	1987	0	91.8	50-115	0				
2,6-Dinitrotoluene	1651	480	1987	0	83.1	50-110	0				
2-Chloronaphthalene	1529	240	1987	0	76.9	45-105	0				
2-Chlorophenol	1756	480	1987	0	88.3	45-105	0				
2-Methylnaphthalene	1587	240	1987	0	79.8	45-105	0				
2-Methylphenol	1789	480	1987	0	90	40-105	0				
2-Nitroaniline	1742	2,000	1987	0	87.6	45-120	0			J	
2-Nitrophenol	1479	480	1987	0	74.4	40-110	0				
3-Nitroaniline	1262	2,000	1987	0	63.5	25-110	0			J	
4-Bromophenyl phenyl ether	1741	480	1987	0	87.6	45-115	0				
4-Chloro-3-methylphenol	1942	480	1987	0	97.7	45-115	0				
4-Chloroaniline	809.8	2,000	1987	0	40.7	15-110	0			J	
4-Chlorophenyl phenyl ether	1738	480	1987	0	87.4	45-110	0				
4-Methylphenol	1784	480	1987	0	89.7	40-105	0				
4-Nitroaniline	1547	2,000	1987	0	77.8	35-150	0			J	
4-Nitrophenol	2221	2,000	1987	0	112	15-140	0				
Acenaphthene	1695	89	1987	0	85.3	45-110	0				
Acenaphthylene	1717	89	1987	65.61	83.1	45-105	0				
Anthracene	1889	89	1987	61.69	91.9	55-105	0				
Benzo(a)anthracene	2330	89	1987	353.5	99.5	50-110	0				
Benzo(a)pyrene	2592	89	1987	448.5	108	50-110	0				
Benzo(b)fluoranthene	2720	89	1987	579.7	108	45-115	0				
Benzo(g,h,i)perylene	1975	89	1987	314.3	83.6	40-125	0				
Benzo(k)fluoranthene	2369	89	1987	191.9	110	45-115	0				
Bis(2-chloroethoxy)methane	1513	480	1987	0	76.1	45-110	0				
Bis(2-chloroethyl)ether	1391	480	1987	0	70	40-105	0				
Bis(2-chloroisopropyl)ether	1780	480	1987	0	89.5	20-115	0				
Bis(2-ethylhexyl)phthalate	2168	980	1987	235	97.3	45-125	0				
Butyl benzyl phthalate	1991	480	1987	0	100	50-125	0				
Carbazole	1906	480	1987	0	95.9	50-150	0				
Chrysene	2331	89	1987	387.8	97.8	55-110	0				
Dibenzo(a,h)anthracene	1856	89	1987	65.61	90.1	40-125	0				
Dibenzofuran	1663	480	1987	0	83.7	50-105	0				
Diethyl phthalate	1858	980	1987	0	93.5	50-115	0				
Dimethyl phthalate	1684	980	1987	0	84.7	50-110	0				
Di-n-butyl phthalate	2040	980	1987	0	103	55-110	0				
Di-n-octyl phthalate	2388	480	1987	0	120	40-130	0				

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48608	Instrument ID SVMS6	Method: SW8270					
Fluoranthene	2572	89	1987	497.5	104	55-115	0
Fluorene	1798	89	1987	0	90.5	50-110	0
Hexachlorobenzene	1686	480	1987	0	84.8	45-120	0
Hexachlorobutadiene	1453	480	1987	0	73.1	40-115	0
Hexachlorocyclopentadiene	870.4	980	1987	0	43.8	40-115	0
Hexachloroethane	1530	480	1987	0	77	35-110	0
Indeno(1,2,3-cd)pyrene	2105	89	1987	322.2	89.7	40-120	0
Isophorone	1554	480	1987	0	78.2	45-110	0
Naphthalene	1505	89	1987	0	75.7	40-105	0
Nitrobenzene	1570	480	1987	0	79	40-115	0
N-Nitrosodi-n-propylamine	1849	480	1987	0	93	40-115	0
N-Nitrosodiphenylamine	1715	480	1987	0	86.3	50-115	0
Pentachlorophenol	2049	980	1987	0	103	25-120	0
Phenanthrene	1959	89	1987	229.1	87.1	50-110	0
Phenol	1947	480	1987	0	97.9	40-100	0
Pyrene	2740	89	1987	723.7	101	45-125	0
<i>Surr: 2,4,6-Tribromophenol</i>	<i>4248</i>	<i>0</i>	<i>4968</i>	<i>0</i>	<i>85.5</i>	<i>34-140</i>	<i>0</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>3509</i>	<i>0</i>	<i>4968</i>	<i>0</i>	<i>70.6</i>	<i>12-100</i>	<i>0</i>
<i>Surr: 2-Fluorophenol</i>	<i>4383</i>	<i>0</i>	<i>4968</i>	<i>0</i>	<i>88.2</i>	<i>33-117</i>	<i>0</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>5767</i>	<i>0</i>	<i>4968</i>	<i>0</i>	<i>116</i>	<i>25-137</i>	<i>0</i>
<i>Surr: Nitrobenzene-d5</i>	<i>3785</i>	<i>0</i>	<i>4968</i>	<i>0</i>	<i>76.2</i>	<i>37-107</i>	<i>0</i>
<i>Surr: Phenol-d6</i>	<i>4397</i>	<i>0</i>	<i>4968</i>	<i>0</i>	<i>88.5</i>	<i>40-106</i>	<i>0</i>

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48608** Instrument ID **SVMS6** Method: **SW8270**

MSD				Sample ID: 1305796-02A MSD			Units: µg/Kg		Analysis Date: 05/23/13 01:45 PM		
Client ID:		Run ID: SVMS6_130523A		SeqNo: 2330926		Prep Date: 05/22/13		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
2,4,5-Trichlorophenol	1997	470	1973	0	101	50-110	1956	2.03	30		
2,4,6-Trichlorophenol	1812	470	1973	0	91.8	45-110	1778	1.92	30		
2,4-Dichlorophenol	1780	470	1973	0	90.2	45-110	1711	3.93	30		
2,4-Dimethylphenol	1402	980	1973	0	71	30-105	1385	1.2	30		
2,4-Dinitrophenol	1227	2,000	1973	0	62.2	15-130	1693	0	30	J	
2,4-Dinitrotoluene	1764	470	1973	0	89.4	50-115	1824	3.37	30		
2,6-Dinitrotoluene	1686	470	1973	0	85.4	50-110	1651	2.07	30		
2-Chloronaphthalene	1556	240	1973	0	78.8	45-105	1529	1.72	30		
2-Chlorophenol	1807	470	1973	0	91.6	45-105	1756	2.89	30		
2-Methylnaphthalene	1619	240	1973	0	82	45-105	1587	2	30		
2-Methylphenol	1752	470	1973	0	88.8	40-105	1789	2.06	30		
2-Nitroaniline	1739	2,000	1973	0	88.1	45-120	1742	0	30	J	
2-Nitrophenol	1532	470	1973	0	77.6	40-110	1479	3.55	30		
3-Nitroaniline	1178	2,000	1973	0	59.7	25-110	1262	0	30	J	
4-Bromophenyl phenyl ether	1721	470	1973	0	87.2	45-115	1741	1.12	30		
4-Chloro-3-methylphenol	1941	470	1973	0	98.4	45-115	1942	0.00882	30		
4-Chloroaniline	744.8	2,000	1973	0	37.7	15-110	809.8	0	30	J	
4-Chlorophenyl phenyl ether	1745	470	1973	0	88.4	45-110	1738	0.414	30		
4-Methylphenol	1805	470	1973	0	91.5	40-105	1784	1.21	30		
4-Nitroaniline	1423	2,000	1973	0	72.1	35-150	1547	0	30	J	
4-Nitrophenol	2160	2,000	1973	0	109	15-140	2221	2.76	30		
Acenaphthene	1670	89	1973	0	84.6	45-110	1695	1.49	30		
Acenaphthylene	1722	89	1973	65.61	84	45-105	1717	0.314	30		
Anthracene	1845	89	1973	61.69	90.4	55-105	1889	2.37	30		
Benzo(a)anthracene	2250	89	1973	353.5	96.1	50-110	2330	3.49	30		
Benzo(a)pyrene	2481	89	1973	448.5	103	50-110	2592	4.39	30		
Benzo(b)fluoranthene	2634	89	1973	579.7	104	45-115	2720	3.2	30		
Benzo(g,h,i)perylene	1933	89	1973	314.3	82	40-125	1975	2.19	30		
Benzo(k)fluoranthene	2288	89	1973	191.9	106	45-115	2369	3.49	30		
Bis(2-chloroethoxy)methane	1546	470	1973	0	78.3	45-110	1513	2.13	30		
Bis(2-chloroethyl)ether	1474	470	1973	0	74.7	40-105	1391	5.77	30		
Bis(2-chloroisopropyl)ether	1809	470	1973	0	91.7	20-115	1780	1.65	30		
Bis(2-ethylhexyl)phthalate	2163	980	1973	235	97.7	45-125	2168	0.22	30		
Butyl benzyl phthalate	2023	470	1973	0	103	50-125	1991	1.6	30		
Carbazole	1820	470	1973	0	92.2	50-150	1906	4.6	30		
Chrysene	2228	89	1973	387.8	93.3	55-110	2331	4.5	30		
Dibenzo(a,h)anthracene	1848	89	1973	65.61	90.3	40-125	1856	0.455	30		
Dibenzofuran	1660	470	1973	0	84.1	50-105	1663	0.187	30		
Diethyl phthalate	1817	980	1973	0	92.1	50-115	1858	2.23	30		
Dimethyl phthalate	1693	980	1973	0	85.8	50-110	1684	0.509	30		
Di-n-butyl phthalate	1996	980	1973	0	101	55-110	2040	2.19	30		
Di-n-octyl phthalate	2487	470	1973	0	126	40-130	2388	4.07	30		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48608	Instrument ID SVMS6		Method: SW8270							
Fluoranthene	2374	89	1973	497.5	95.1	55-115	2572	7.97	30	
Fluorene	1781	89	1973	0	90.2	50-110	1798	0.999	30	
Hexachlorobenzene	1662	470	1973	0	84.2	45-120	1686	1.43	30	
Hexachlorobutadiene	1494	470	1973	0	75.7	40-115	1453	2.77	30	
Hexachlorocyclopentadiene	605.7	980	1973	0	30.7	40-115	870.4	0	30 JS	
Hexachloroethane	1534	470	1973	0	77.7	35-110	1530	0.247	30	
Indeno(1,2,3-cd)pyrene	2035	89	1973	322.2	86.8	40-120	2105	3.35	30	
Isophorone	1573	470	1973	0	79.7	45-110	1554	1.24	30	
Naphthalene	1535	89	1973	0	77.8	40-105	1505	1.95	30	
Nitrobenzene	1626	470	1973	0	82.4	40-115	1570	3.49	30	
N-Nitrosodi-n-propylamine	1865	470	1973	0	94.5	40-115	1849	0.876	30	
N-Nitrosodiphenylamine	1686	470	1973	0	85.4	50-115	1715	1.71	30	
Pentachlorophenol	2068	980	1973	0	105	25-120	2049	0.913	30	
Phenanthrene	1897	89	1973	229.1	84.5	50-110	1959	3.24	30	
Phenol	1957	470	1973	0	99.2	40-100	1947	0.545	30	
Pyrene	2746	89	1973	723.7	103	45-125	2740	0.216	30	
<i>Surr: 2,4,6-Tribromophenol</i>	<i>4139</i>	<i>0</i>	<i>4933</i>	<i>0</i>	<i>83.9</i>	<i>34-140</i>	<i>4248</i>	<i>2.59</i>	<i>40</i>	
<i>Surr: 2-Fluorobiphenyl</i>	<i>3598</i>	<i>0</i>	<i>4933</i>	<i>0</i>	<i>72.9</i>	<i>12-100</i>	<i>3509</i>	<i>2.51</i>	<i>40</i>	
<i>Surr: 2-Fluorophenol</i>	<i>4506</i>	<i>0</i>	<i>4933</i>	<i>0</i>	<i>91.4</i>	<i>33-117</i>	<i>4383</i>	<i>2.77</i>	<i>40</i>	
<i>Surr: 4-Terphenyl-d14</i>	<i>5928</i>	<i>0</i>	<i>4933</i>	<i>0</i>	<i>120</i>	<i>25-137</i>	<i>5767</i>	<i>2.75</i>	<i>40</i>	
<i>Surr: Nitrobenzene-d5</i>	<i>3919</i>	<i>0</i>	<i>4933</i>	<i>0</i>	<i>79.5</i>	<i>37-107</i>	<i>3785</i>	<i>3.49</i>	<i>40</i>	
<i>Surr: Phenol-d6</i>	<i>4459</i>	<i>0</i>	<i>4933</i>	<i>0</i>	<i>90.4</i>	<i>40-106</i>	<i>4397</i>	<i>1.4</i>	<i>40</i>	

The following samples were analyzed in this batch:

1305868-01B	1305868-02B	1305868-03B
1305868-05B	1305868-06B	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48651 Instrument ID SVMS7 Method: SW8270

MBLK	Sample ID: SBLKW1-48651-48651	Units: µg/L				Analysis Date: 05/24/13 04:57 PM				
Client ID:	Run ID: SVMS7_130528A	SeqNo: 2332843	Prep Date: 05/24/13	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	ND	5.0								
2,4,5-Trichlorophenol	ND	5.0								
2,4,6-Trichlorophenol	ND	5.0								
2,4-Dichlorophenol	ND	10								
2,4-Dimethylphenol	ND	5.0								
2,4-Dinitrophenol	ND	5.0								
2,4-Dinitrotoluene	ND	5.0								
2,6-Dinitrotoluene	ND	5.0								
2-Chloronaphthalene	ND	5.0								
2-Chlorophenol	ND	5.0								
2-Methylnaphthalene	ND	5.0								
2-Methylphenol	ND	5.0								
2-Nitroaniline	ND	20								
2-Nitrophenol	ND	5.0								
3,3'-Dichlorobenzidine	ND	5.0								
3-Nitroaniline	ND	20								
4,6-Dinitro-2-methylphenol	ND	20								
4-Bromophenyl phenyl ether	ND	5.0								
4-Chloro-3-methylphenol	ND	5.0								
4-Chloroaniline	ND	20								
4-Chlorophenyl phenyl ether	ND	5.0								
4-Methylphenol	ND	5.0								
4-Nitroaniline	ND	20								
4-Nitrophenol	ND	20								
Acenaphthene	ND	5.0								
Acenaphthylene	ND	5.0								
Acetophenone	ND	1.0								
Anthracene	ND	5.0								
Atrazine	ND	1.0								
Benzaldehyde	ND	1.0								
Benzo(a)anthracene	ND	5.0								
Benzo(a)pyrene	ND	5.0								
Benzo(b)fluoranthene	ND	5.0								
Benzo(g,h,i)perylene	ND	5.0								
Benzo(k)fluoranthene	ND	5.0								
Bis(2-chloroethoxy)methane	ND	5.0								
Bis(2-chloroethyl)ether	ND	5.0								
Bis(2-chloroisopropyl)ether	ND	5.0								
Bis(2-ethylhexyl)phthalate	1.07	5.0								J
Butyl benzyl phthalate	2	5.0								J
Caprolactam	ND	10								
Carbazole	ND	10								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48651	Instrument ID SVMS7	Method: SW8270						
Chrysene	ND	5.0						
Dibenzo(a,h)anthracene	ND	5.0						
Dibenzofuran	ND	5.0						
Diethyl phthalate	ND	20						
Dimethyl phthalate	ND	20						
Di-n-butyl phthalate	ND	5.0						
Di-n-octyl phthalate	ND	5.0						
Fluoranthene	ND	5.0						
Fluorene	ND	5.0						
Hexachlorobenzene	ND	5.0						
Hexachlorobutadiene	ND	5.0						
Hexachlorocyclopentadiene	ND	20						
Hexachloroethane	ND	5.0						
Indeno(1,2,3-cd)pyrene	ND	5.0						
Isophorone	ND	5.0						
Naphthalene	ND	5.0						
Nitrobenzene	ND	5.0						
N-Nitrosodi-n-propylamine	ND	5.0						
N-Nitrosodiphenylamine	ND	5.0						
Pentachlorophenol	ND	20						
Phenanthrene	ND	5.0						
Phenol	ND	5.0						
Pyrene	ND	5.0						
<i>Surr: 2,4,6-Tribromophenol</i>	22.43	0	50	0	44.9	38-115	0	
<i>Surr: 2-Fluorobiphenyl</i>	32.5	0	50	0	65	32-100	0	
<i>Surr: 2-Fluorophenol</i>	20.61	0	50	0	41.2	22-59	0	
<i>Surr: 4-Terphenyl-d14</i>	45.73	0	50	0	91.5	23-112	0	
<i>Surr: Nitrobenzene-d5</i>	24.45	0	50	0	48.9	31-93	0	
<i>Surr: Phenol-d6</i>	10.48	0	50	0	21	13-36	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48651** Instrument ID **SVMS7** Method: **SW8270**

LCS		Sample ID: SLCSW1-48651-48651				Units: µg/L		Analysis Date: 05/24/13 05:40 PM		
Client ID:		Run ID: SVMS7_130528A			SeqNo: 2332844		Prep Date: 05/24/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	13.69	5.0	20	0	68.4	50-110	0			
2,4,6-Trichlorophenol	13.29	5.0	20	0	66.4	50-115	0			
2,4-Dichlorophenol	13.48	10	20	0	67.4	50-105	0			
2,4-Dimethylphenol	12.44	5.0	20	0	62.2	30-110	0			
2,4-Dinitrophenol	15.31	5.0	20	0	76.6	15-140	0			
2,4-Dinitrotoluene	14.88	5.0	20	0	74.4	50-120	0			
2,6-Dinitrotoluene	14.71	5.0	20	0	73.6	50-115	0			
2-Chloronaphthalene	14.73	5.0	20	0	73.6	50-105	0			
2-Chlorophenol	15.35	5.0	20	0	76.8	35-105	0			
2-Methylnaphthalene	15.26	5.0	20	0	76.3	45-105	0			
2-Methylphenol	12.19	5.0	20	0	61	40-110	0			
2-Nitroaniline	14.38	20	20	0	71.9	50-115	0			J
2-Nitrophenol	13.77	5.0	20	0	68.8	40-115	0			
3-Nitroaniline	13.05	20	20	0	65.2	20-125	0			J
4,6-Dinitro-2-methylphenol	15.65	20	20	0	78.2	40-130	0			J
4-Bromophenyl phenyl ether	13.62	5.0	20	0	68.1	50-115	0			
4-Chloro-3-methylphenol	13.6	5.0	20	0	68	45-110	0			
4-Chloroaniline	13.97	20	20	0	69.8	15-110	0			J
4-Chlorophenyl phenyl ether	13.62	5.0	20	0	68.1	50-110	0			
4-Methylphenol	11.01	5.0	20	0	55	30-110	0			
4-Nitroaniline	12.65	20	20	0	63.2	35-150	0			J
4-Nitrophenol	4.29	20	20	0	21.4	1-58	0			J
Acenaphthene	14.88	5.0	20	0	74.4	45-110	0			
Acenaphthylene	13.74	5.0	20	0	68.7	50-105	0			
Anthracene	13.21	5.0	20	0	66	55-110	0			
Benzo(a)anthracene	15.08	5.0	20	0	75.4	55-110	0			
Benzo(a)pyrene	15.03	5.0	20	0	75.2	55-110	0			
Benzo(b)fluoranthene	15.1	5.0	20	0	75.5	45-120	0			
Benzo(g,h,i)perylene	15.36	5.0	20	0	76.8	40-125	0			
Benzo(k)fluoranthene	15.27	5.0	20	0	76.4	45-125	0			
Bis(2-chloroethoxy)methane	15.62	5.0	20	0	78.1	45-105	0			
Bis(2-chloroethyl)ether	15.87	5.0	20	0	79.4	35-110	0			
Bis(2-chloroisopropyl)ether	15.92	5.0	20	0	79.6	25-130	0			
Bis(2-ethylhexyl)phthalate	17.18	5.0	20	0	85.9	40-125	0			
Butyl benzyl phthalate	14.03	5.0	20	0	70.2	45-115	0			
Carbazole	14.53	10	20	0	72.6	50-150	0			
Chrysene	16.34	5.0	20	0	81.7	55-110	0			
Dibenzo(a,h)anthracene	15.12	5.0	20	0	75.6	40-125	0			
Dibenzofuran	15.26	5.0	20	0	76.3	55-105	0			
Diethyl phthalate	14.93	20	20	0	74.6	40-120	0			J
Dimethyl phthalate	15.14	20	20	0	75.7	25-125	0			J
Di-n-butyl phthalate	17.8	5.0	20	0	89	55-115	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48651	Instrument ID SVMS7	Method: SW8270						
Di-n-octyl phthalate	19.12	5.0	20	0	95.6	35-135	0	
Fluoranthene	16.08	5.0	20	0	80.4	55-115	0	
Fluorene	15.81	5.0	20	0	79	50-110	0	
Hexachlorobenzene	15.13	5.0	20	0	75.6	50-110	0	
Hexachlorobutadiene	14.27	5.0	20	0	71.4	25-105	0	
Hexachlorocyclopentadiene	11.5	20	20	0	57.5	25-105	0	J
Hexachloroethane	15.64	5.0	20	0	78.2	30-95	0	
Indeno(1,2,3-cd)pyrene	17.52	5.0	20	0	87.6	45-125	0	
Isophorone	15.05	5.0	20	0	75.2	50-110	0	
Naphthalene	15.17	5.0	20	0	75.8	40-100	0	
Nitrobenzene	14.39	5.0	20	0	72	45-110	0	
N-Nitrosodi-n-propylamine	16.03	5.0	20	0	80.2	35-130	0	
N-Nitrosodiphenylamine	13.84	5.0	20	0	69.2	50-110	0	
Pentachlorophenol	15.98	20	20	0	79.9	40-115	0	J
Phenanthrene	15.55	5.0	20	0	77.8	50-115	0	
Phenol	5.69	5.0	20	0	28.4	12-43	0	
Pyrene	15.99	5.0	20	0	80	50-130	0	
<i>Surr: 2,4,6-Tribromophenol</i>	35.33	0	50	0	70.7	38-115	0	
<i>Surr: 2-Fluorobiphenyl</i>	38.85	0	50	0	77.7	32-100	0	
<i>Surr: 2-Fluorophenol</i>	23.89	0	50	0	47.8	22-59	0	
<i>Surr: 4-Terphenyl-d14</i>	49.19	0	50	0	98.4	23-112	0	
<i>Surr: Nitrobenzene-d5</i>	33.55	0	50	0	67.1	31-93	0	
<i>Surr: Phenol-d6</i>	14.02	0	50	0	28	13-36	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48651 Instrument ID SVMS7 Method: SW8270

MS		Sample ID: 1305868-09B MS				Units: µg/L		Analysis Date: 05/24/13 07:26 PM		
Client ID: SW-2-052113W		Run ID: SVMS7_130528A				SeqNo: 2332845		Prep Date: 05/24/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	281.6	100	400	0	70.4	50-110	0			
2,4,6-Trichlorophenol	269.2	100	400	0	67.3	50-115	0			
2,4-Dichlorophenol	258	200	400	0	64.5	50-105	0			
2,4-Dimethylphenol	223.2	100	400	0	55.8	30-110	0			
2,4-Dinitrophenol	328.6	100	400	0	82.2	15-140	0			
2,4-Dinitrotoluene	309.4	100	400	0	77.4	50-120	0			
2,6-Dinitrotoluene	299.4	100	400	0	74.8	50-115	0			
2-Chloronaphthalene	295.4	100	400	0	73.8	50-105	0			
2-Chlorophenol	312	100	400	0	78	35-105	0			
2-Methylnaphthalene	289.4	100	400	0	72.4	45-105	0			
2-Methylphenol	242.8	100	400	0	60.7	40-110	0			
2-Nitroaniline	287.6	400	400	0	71.9	50-115	0			J
2-Nitrophenol	260.2	100	400	0	65	40-115	0			
3-Nitroaniline	281	400	400	0	70.2	20-125	0			J
4,6-Dinitro-2-methylphenol	326.4	400	400	0	81.6	40-130	0			J
4-Bromophenyl phenyl ether	270	100	400	0	67.5	50-115	0			
4-Chloro-3-methylphenol	257.2	100	400	0	64.3	45-110	0			
4-Chloroaniline	269.2	400	400	0	67.3	15-110	0			J
4-Chlorophenyl phenyl ether	274.8	100	400	0	68.7	50-110	0			
4-Methylphenol	216	100	400	0	54	30-110	0			
4-Nitroaniline	272.6	400	400	0	68.2	35-150	0			J
4-Nitrophenol	140.6	400	400	0	35.2	1-58	0			J
Acenaphthene	301.8	100	400	0	75.4	45-110	0			
Acenaphthylene	281	100	400	0	70.2	50-105	0			
Anthracene	264.8	100	400	0	66.2	55-110	0			
Benzo(a)anthracene	312	100	400	0	78	55-110	0			
Benzo(a)pyrene	316.8	100	400	0	79.2	55-110	0			
Benzo(b)fluoranthene	314	100	400	0	78.5	45-120	0			
Benzo(g,h,i)perylene	314.8	100	400	0	78.7	40-125	0			
Benzo(k)fluoranthene	319.6	100	400	0	79.9	45-125	0			
Bis(2-chloroethoxy)methane	295.2	100	400	0	73.8	45-105	0			
Bis(2-chloroethyl)ether	285	100	400	0	71.2	35-110	0			
Bis(2-chloroisopropyl)ether	310	100	400	0	77.5	25-130	0			
Bis(2-ethylhexyl)phthalate	364	100	400	21.4	85.6	40-125	0			
Butyl benzyl phthalate	298.2	100	400	0	74.6	45-115	0			
Carbazole	297.8	200	400	0	74.4	50-150	0			
Chrysene	337.4	100	400	0	84.4	55-110	0			
Dibenzo(a,h)anthracene	310.6	100	400	0	77.6	40-125	0			
Dibenzofuran	306.4	100	400	0	76.6	55-105	0			
Diethyl phthalate	301.6	400	400	0	75.4	40-120	0			J
Dimethyl phthalate	304	400	400	0	76	25-125	0			J
Di-n-butyl phthalate	362.8	100	400	0	90.7	55-115	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48651	Instrument ID SVMS7	Method: SW8270					
Di-n-octyl phthalate	416.6	100	400	0	104	35-135	0
Fluoranthene	326.8	100	400	0	81.7	55-115	0
Fluorene	318.6	100	400	0	79.6	50-110	0
Hexachlorobenzene	298.8	100	400	0	74.7	50-110	0
Hexachlorobutadiene	258.4	100	400	0	64.6	25-105	0
Hexachlorocyclopentadiene	235.8	400	400	0	59	25-105	0
Hexachloroethane	293.6	100	400	0	73.4	30-95	0
Indeno(1,2,3-cd)pyrene	367.2	100	400	0	91.8	45-125	0
Isophorone	286.8	100	400	0	71.7	50-110	0
Naphthalene	285	100	400	0	71.2	40-100	0
Nitrobenzene	272.6	100	400	0	68.2	45-110	0
N-Nitrosodi-n-propylamine	325	100	400	0	81.2	35-130	0
N-Nitrosodiphenylamine	278.4	100	400	0	69.6	50-110	0
Pentachlorophenol	330.2	400	400	0	82.6	40-115	0
Phenanthrene	308	100	400	0	77	50-115	0
Phenol	102	100	400	0	25.5	12-43	0
Pyrene	334	100	400	0	83.5	50-130	0
<i>Surr: 2,4,6-Tribromophenol</i>	<i>708.8</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>70.9</i>	<i>38-115</i>	<i>0</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>754.4</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>75.4</i>	<i>32-100</i>	<i>0</i>
<i>Surr: 2-Fluorophenol</i>	<i>454.6</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>45.5</i>	<i>22-59</i>	<i>0</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>1019</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>102</i>	<i>23-112</i>	<i>0</i>
<i>Surr: Nitrobenzene-d5</i>	<i>616.4</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>61.6</i>	<i>31-93</i>	<i>0</i>
<i>Surr: Phenol-d6</i>	<i>248.2</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>24.8</i>	<i>13-36</i>	<i>0</i>

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48651 Instrument ID SVMS7 Method: SW8270

MSD		Sample ID: 1305868-09B MSD				Units: µg/L		Analysis Date: 05/24/13 07:47 PM		
Client ID: SW-2-052113W		Run ID: SVMS7_130528A				SeqNo: 2332846		Prep Date: 05/24/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	263.8	100	400	0	66	50-110	281.6	6.53	30	
2,4,6-Trichlorophenol	253.8	100	400	0	63.4	50-115	269.2	5.89	30	
2,4-Dichlorophenol	247	200	400	0	61.8	50-105	258	4.36	30	
2,4-Dimethylphenol	227.4	100	400	0	56.8	30-110	223.2	1.86	30	
2,4-Dinitrophenol	305.4	100	400	0	76.4	15-140	328.6	7.32	30	
2,4-Dinitrotoluene	294.8	100	400	0	73.7	50-120	309.4	4.83	30	
2,6-Dinitrotoluene	283.4	100	400	0	70.8	50-115	299.4	5.49	30	
2-Chloronaphthalene	274	100	400	0	68.5	50-105	295.4	7.52	30	
2-Chlorophenol	288.2	100	400	0	72	35-105	312	7.93	30	
2-Methylnaphthalene	268.4	100	400	0	67.1	45-105	289.4	7.53	30	
2-Methylphenol	242	100	400	0	60.5	40-110	242.8	0.33	30	
2-Nitroaniline	277	400	400	0	69.2	50-115	287.6	0	30	J
2-Nitrophenol	245.4	100	400	0	61.4	40-115	260.2	5.85	30	
3-Nitroaniline	262	400	400	0	65.5	20-125	281	0	30	J
4,6-Dinitro-2-methylphenol	313.8	400	400	0	78.4	40-130	326.4	0	30	J
4-Bromophenyl phenyl ether	261.8	100	400	0	65.4	50-115	270	3.08	30	
4-Chloro-3-methylphenol	253.2	100	400	0	63.3	45-110	257.2	1.57	30	
4-Chloroaniline	250.8	400	400	0	62.7	15-110	269.2	0	30	J
4-Chlorophenyl phenyl ether	259.8	100	400	0	65	50-110	274.8	5.61	30	
4-Methylphenol	221.8	100	400	0	55.4	30-110	216	2.65	30	
4-Nitroaniline	263	400	400	0	65.8	35-150	272.6	0	30	J
4-Nitrophenol	146.8	400	400	0	36.7	1-58	140.6	0	0	J
Acenaphthene	280.4	100	400	0	70.1	45-110	301.8	7.35	30	
Acenaphthylene	257.6	100	400	0	64.4	50-105	281	8.69	30	
Anthracene	256.2	100	400	0	64	55-110	264.8	3.3	30	
Benzo(a)anthracene	296.8	100	400	0	74.2	55-110	312	4.99	30	
Benzo(a)pyrene	299.8	100	400	0	75	55-110	316.8	5.51	30	
Benzo(b)fluoranthene	301.6	100	400	0	75.4	45-120	314	4.03	30	
Benzo(g,h,i)perylene	304.6	100	400	0	76.2	40-125	314.8	3.29	30	
Benzo(k)fluoranthene	310.2	100	400	0	77.6	45-125	319.6	2.99	30	
Bis(2-chloroethoxy)methane	282.8	100	400	0	70.7	45-105	295.2	4.29	30	
Bis(2-chloroethyl)ether	277.4	100	400	0	69.4	35-110	285	2.7	30	
Bis(2-chloroisopropyl)ether	283.4	100	400	0	70.8	25-130	310	8.97	30	
Bis(2-ethylhexyl)phthalate	350.4	100	400	21.4	82.2	40-125	364	3.81	30	
Butyl benzyl phthalate	289	100	400	0	72.2	45-115	298.2	3.13	30	
Carbazole	281.8	200	400	0	70.4	50-150	297.8	5.52	30	
Chrysene	321.8	100	400	0	80.4	55-110	337.4	4.73	30	
Dibenzo(a,h)anthracene	300	100	400	0	75	40-125	310.6	3.47	30	
Dibenzofuran	287.8	100	400	0	72	55-105	306.4	6.26	30	
Diethyl phthalate	295.4	400	400	0	73.8	40-120	301.6	0	30	J
Dimethyl phthalate	293.2	400	400	0	73.3	25-125	304	0	30	J
Di-n-butyl phthalate	354.4	100	400	0	88.6	55-115	362.8	2.34	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48651	Instrument ID SVMS7			Method: SW8270						
Di-n-octyl phthalate	401.2	100	400	0	100	35-135	416.6	3.77	30	
Fluoranthene	315.4	100	400	0	78.8	55-115	326.8	3.55	30	
Fluorene	298.2	100	400	0	74.6	50-110	318.6	6.61	30	
Hexachlorobenzene	291	100	400	0	72.8	50-110	298.8	2.64	30	
Hexachlorobutadiene	237.2	100	400	0	59.3	25-105	258.4	8.56	30	
Hexachlorocyclopentadiene	230.4	400	400	0	57.6	25-105	235.8	0	30	J
Hexachloroethane	266.4	100	400	0	66.6	30-95	293.6	9.71	30	
Indeno(1,2,3-cd)pyrene	354.2	100	400	0	88.6	45-125	367.2	3.6	30	
Isophorone	276	100	400	0	69	50-110	286.8	3.84	30	
Naphthalene	264.2	100	400	0	66	40-100	285	7.57	30	
Nitrobenzene	252.8	100	400	0	63.2	45-110	272.6	7.54	30	
N-Nitrosodi-n-propylamine	306.2	100	400	0	76.6	35-130	325	5.96	30	
N-Nitrosodiphenylamine	266	100	400	0	66.5	50-110	278.4	4.56	30	
Pentachlorophenol	317	400	400	0	79.2	40-115	330.2	0	30	J
Phenanthrene	296.6	100	400	0	74.2	50-115	308	3.77	30	
Phenol	112.6	100	400	0	28.2	12-43	102	9.88	30	
Pyrene	317	100	400	0	79.2	50-130	334	5.22	30	
<i>Surr: 2,4,6-Tribromophenol</i>	667.6	0	1000	0	66.8	38-115	708.8	5.99	40	
<i>Surr: 2-Fluorobiphenyl</i>	698.6	0	1000	0	69.9	32-100	754.4	7.68	40	
<i>Surr: 2-Fluorophenol</i>	457.6	0	1000	0	45.8	22-59	454.6	0.658	40	
<i>Surr: 4-Terphenyl-d14</i>	945.6	0	1000	0	94.6	23-112	1019	7.43	40	
<i>Surr: Nitrobenzene-d5</i>	573.8	0	1000	0	57.4	31-93	616.4	7.16	40	
<i>Surr: Phenol-d6</i>	272.2	0	1000	0	27.2	13-36	248.2	9.22	40	

The following samples were analyzed in this batch:

1305868-04B	1305868-09B
-------------	-------------

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48653** Instrument ID **SVMS7** Method: **SW8270**

MBLK		Sample ID: SBLKW1-48653-48653				Units: µg/L		Analysis Date: 05/24/13 04:57 PM		
Client ID:		Run ID: SVMS7_130528A			SeqNo: 2332763		Prep Date: 05/24/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,4-Dichlorobenzene	ND	5.0								
2,4,5-Trichlorophenol	ND	5.0								
2,4,6-Trichlorophenol	ND	5.0								
2,4-Dinitrotoluene	ND	5.0								
Hexachloro-1,3-butadiene	ND	5.0								
Hexachlorobenzene	ND	5.0								
Hexachloroethane	ND	5.0								
m-Cresol	ND	5.0								
Nitrobenzene	ND	5.0								
o-Cresol	ND	5.0								
p-Cresol	ND	5.0								
Pentachlorophenol	ND	20								
Pyridine	ND	20								
<i>Surr: 2,4,6-Tribromophenol</i>	22.43	0	50	0	44.9	21-125		0		
<i>Surr: 2-Fluorobiphenyl</i>	32.5	0	50	0	65	36-94		0		
<i>Surr: 2-Fluorophenol</i>	20.61	0	50	0	41.2	10-75		0		
<i>Surr: 4-Terphenyl-d14</i>	45.73	0	50	0	91.5	26-119		0		
<i>Surr: Nitrobenzene-d5</i>	24.45	0	50	0	48.9	41-104		0		
<i>Surr: Phenol-d6</i>	10.48	0	50	0	21	11-50		0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48653** Instrument ID **SVMS7** Method: **SW8270**

LCS		Sample ID: SLCSW1-48653-48653				Units: µg/L		Analysis Date: 05/24/13 05:40 PM			
Client ID:		Run ID: SVMS7_130528A				SeqNo: 2332764		Prep Date: 05/24/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
1,4-Dichlorobenzene	14.76	5.0	20	0	73.8	30-110	0				
2,4,5-Trichlorophenol	13.69	5.0	20	0	68.4	50-110	0				
2,4,6-Trichlorophenol	13.29	5.0	20	0	66.4	50-115	0				
2,4-Dinitrotoluene	14.88	5.0	20	0	74.4	50-120	0				
Hexachloro-1,3-butadiene	14.27	5.0	20	0	71.4	25-105	0				
Hexachlorobenzene	15.13	5.0	20	0	75.6	50-110	0				
Hexachloroethane	15.64	5.0	20	0	78.2	30-95	0				
m-Cresol	11.01	5.0	20	0	55	30-110	0				
Nitrobenzene	14.39	5.0	20	0	72	45-110	0				
o-Cresol	12.19	5.0	20	0	61	40-110	0				
p-Cresol	11.01	5.0	20	0	55	30-110	0				
Pentachlorophenol	15.98	20	20	0	79.9	40-115	0			J	
Pyridine	8.76	20	20	0	43.8	10-71	0			J	
<i>Surr: 2,4,6-Tribromophenol</i>	35.33	0	50	0	70.7	21-125	0				
<i>Surr: 2-Fluorobiphenyl</i>	38.85	0	50	0	77.7	36-94	0				
<i>Surr: 2-Fluorophenol</i>	23.89	0	50	0	47.8	10-75	0				
<i>Surr: 4-Terphenyl-d14</i>	49.19	0	50	0	98.4	26-119	0				
<i>Surr: Nitrobenzene-d5</i>	33.55	0	50	0	67.1	41-104	0				
<i>Surr: Phenol-d6</i>	14.02	0	50	0	28	11-50	0				

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48653** Instrument ID **SVMS7** Method: **SW8270**

MS		Sample ID: 1305868-09B MS				Units: µg/L		Analysis Date: 05/24/13 07:26 PM		
Client ID: SW-2-052113W		Run ID: SVMS7_130528A				SeqNo: 2332765		Prep Date: 05/24/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,4-Dichlorobenzene	283.6	100	400	0	70.9	30-110	0			
2,4,5-Trichlorophenol	281.6	100	400	0	70.4	50-110	0			
2,4,6-Trichlorophenol	269.2	100	400	0	67.3	50-115	0			
2,4-Dinitrotoluene	309.4	100	400	0	77.4	50-120	0			
Hexachloro-1,3-butadiene	258.4	100	400	0	64.6	25-105	0			
Hexachlorobenzene	298.8	100	400	0	74.7	50-110	0			
Hexachloroethane	293.6	100	400	0	73.4	30-95	0			
m-Cresol	216	100	400	0	54	30-110	0			
Nitrobenzene	272.6	100	400	0	68.2	45-110	0			
o-Cresol	242.8	100	400	0	60.7	40-110	0			
p-Cresol	216	100	400	0	54	30-110	0			
Pentachlorophenol	330.2	400	400	0	82.6	40-115	0			J
Pyridine	154.2	400	400	0	38.6	10-80	0			J
<i>Surr: 2,4,6-Tribromophenol</i>	<i>708.8</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>70.9</i>	<i>21-125</i>	<i>0</i>			
<i>Surr: 2-Fluorobiphenyl</i>	<i>754.4</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>75.4</i>	<i>36-94</i>	<i>0</i>			
<i>Surr: 2-Fluorophenol</i>	<i>454.6</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>45.5</i>	<i>10-75</i>	<i>0</i>			
<i>Surr: 4-Terphenyl-d14</i>	<i>1019</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>102</i>	<i>26-119</i>	<i>0</i>			
<i>Surr: Nitrobenzene-d5</i>	<i>616.4</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>61.6</i>	<i>41-104</i>	<i>0</i>			
<i>Surr: Phenol-d6</i>	<i>248.2</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>24.8</i>	<i>11-50</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48653 Instrument ID SVMS7 Method: SW8270

MSD		Sample ID: 1305868-09B MSD				Units: µg/L		Analysis Date: 05/24/13 07:47 PM		
Client ID: SW-2-052113W		Run ID: SVMS7_130528A				SeqNo: 2332766		Prep Date: 05/24/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,4-Dichlorobenzene	259.4	100	400	0	64.8	30-110	283.6	8.91	30	
2,4,5-Trichlorophenol	263.8	100	400	0	66	50-110	281.6	6.53	30	
2,4,6-Trichlorophenol	253.8	100	400	0	63.4	50-115	269.2	5.89	30	
2,4-Dinitrotoluene	294.8	100	400	0	73.7	50-120	309.4	4.83	30	
Hexachloro-1,3-butadiene	237.2	100	400	0	59.3	25-105	258.4	8.56	30	
Hexachlorobenzene	291	100	400	0	72.8	50-110	298.8	2.64	30	
Hexachloroethane	266.4	100	400	0	66.6	30-95	293.6	9.71	30	
m-Cresol	221.8	100	400	0	55.4	30-110	216	2.65	30	
Nitrobenzene	252.8	100	400	0	63.2	45-110	272.6	7.54	30	
o-Cresol	242	100	400	0	60.5	40-110	242.8	0.33	30	
p-Cresol	221.8	100	400	0	55.4	30-110	216	2.65	30	
Pentachlorophenol	317	400	400	0	79.2	40-115	330.2	0	30	J
Pyridine	120	400	400	0	30	10-80	154.2	0	30	J
Surr: 2,4,6-Tribromophenol	667.6	0	1000	0	66.8	21-125	708.8	5.99	0	
Surr: 2-Fluorobiphenyl	698.6	0	1000	0	69.9	36-94	754.4	7.68	0	
Surr: 2-Fluorophenol	457.6	0	1000	0	45.8	10-75	454.6	0.658	0	
Surr: 4-Terphenyl-d14	945.6	0	1000	0	94.6	26-119	1019	7.43	0	
Surr: Nitrobenzene-d5	573.8	0	1000	0	57.4	41-104	616.4	7.16	0	
Surr: Phenol-d6	272.2	0	1000	0	27.2	11-50	248.2	9.22	0	

The following samples were analyzed in this batch:

1305868-09B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48627** Instrument ID **VMS7** Method: **SW8260**

MBLK		Sample ID: MBLK-48627-48627			Units: µg/Kg		Analysis Date: 05/23/13 10:57 AM			
Client ID:		Run ID: VMS7_130523A			SeqNo: 2330728		Prep Date: 05/23/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	30								
1,1,2,2-Tetrachloroethane	ND	30								
1,1,2-Trichloroethane	ND	30								
1,1,2-Trichlorotrifluoroethane	ND	30								
1,1-Dichloroethane	ND	30								
1,1-Dichloroethene	ND	30								
1,2,4-Trichlorobenzene	ND	30								
1,2-Dibromo-3-chloropropane	ND	30								
1,2-Dibromoethane	ND	30								
1,2-Dichlorobenzene	ND	30								
1,2-Dichloroethane	ND	30								
1,2-Dichloropropane	ND	30								
1,3-Dichlorobenzene	ND	30								
1,4-Dichlorobenzene	ND	30								
2-Butanone	ND	200								
2-Hexanone	ND	30								
4-Methyl-2-pentanone	ND	30								
Acetone	ND	100								
Benzene	ND	30								
Bromodichloromethane	ND	30								
Bromoform	ND	30								
Bromomethane	ND	75								
Carbon disulfide	ND	30								
Carbon tetrachloride	ND	30								
Chlorobenzene	ND	30								
Chloroethane	ND	100								
Chloroform	ND	30								
Chloromethane	226.5	100								
cis-1,2-Dichloroethene	ND	30								
cis-1,3-Dichloropropene	ND	30								
Cyclohexane	ND	30								
Dibromochloromethane	ND	30								
Dichlorodifluoromethane	ND	30								
Ethylbenzene	ND	30								
Isopropylbenzene	ND	30								
Methyl acetate	ND	200								
Methyl tert-butyl ether	ND	30								
Methylcyclohexane	ND	30								
Methylene chloride	ND	30								
Styrene	ND	30								
Tetrachloroethene	ND	30								
Toluene	ND	30								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48627	Instrument ID VMS7	Method: SW8260						
trans-1,2-Dichloroethene	ND	30						
trans-1,3-Dichloropropene	ND	30						
Trichloroethene	ND	30						
Trichlorofluoromethane	ND	30						
Vinyl chloride	ND	30						
Xylenes, Total	ND	90						
<i>Surr: 1,2-Dichloroethane-d4</i>	973.5	0	1000	0	97.4	70-130	0	
<i>Surr: 4-Bromofluorobenzene</i>	1008	0	1000	0	101	70-130	0	
<i>Surr: Dibromofluoromethane</i>	958	0	1000	0	95.8	70-130	0	
<i>Surr: Toluene-d8</i>	991	0	1000	0	99.1	70-130	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48627** Instrument ID **VMS7** Method: **SW8260**

LCS		Sample ID: LCS1-48627-48627			Units: µg/Kg			Analysis Date: 05/23/13 09:41 AM		
Client ID:		Run ID: VMS7_130523A			SeqNo: 2330727		Prep Date: 05/23/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	899	30	1000	0	89.9	70-135	0			
1,1,2,2-Tetrachloroethane	951	30	1000	0	95.1	55-130	0			
1,1,2-Trichloroethane	977	30	1000	0	97.7	60-125	0			
1,1-Dichloroethane	817	30	1000	0	81.7	75-125	0			
1,1-Dichloroethene	764	30	1000	0	76.4	65-135	0			
1,2,4-Trichlorobenzene	982	30	1000	0	98.2	65-130	0			
1,2-Dibromo-3-chloropropane	874	30	1000	0	87.4	40-135	0			
1,2-Dibromoethane	979	30	1000	0	97.9	70-125	0			
1,2-Dichlorobenzene	959.5	30	1000	0	96	75-120	0			
1,2-Dichloroethane	945	30	1000	0	94.5	70-135	0			
1,2-Dichloropropane	895.5	30	1000	0	89.6	70-120	0			
1,3-Dichlorobenzene	919.5	30	1000	0	92	70-125	0			
1,4-Dichlorobenzene	925	30	1000	0	92.5	70-125	0			
2-Butanone	1140	200	1000	0	114	30-160	0			
2-Hexanone	925.5	30	1000	0	92.6	45-145	0			
4-Methyl-2-pentanone	1122	30	1000	0	112	45-145	0			
Acetone	1052	100	1000	0	105	20-160	0			
Benzene	870	30	1000	0	87	75-125	0			
Bromodichloromethane	941	30	1000	0	94.1	70-130	0			
Bromoform	840.5	30	1000	0	84	55-135	0			
Bromomethane	747.5	75	1000	0	74.8	30-160	0			
Carbon disulfide	763	30	1000	0	76.3	45-160	0			
Carbon tetrachloride	955	30	1000	0	95.5	65-135	0			
Chlorobenzene	944	30	1000	0	94.4	75-125	0			
Chloroethane	714.5	100	1000	0	71.4	40-155	0			
Chloroform	923.5	30	1000	0	92.4	70-125	0			
Chloromethane	638.5	100	1000	0	63.8	50-130	0			B
cis-1,2-Dichloroethene	916.5	30	1000	0	91.6	65-125	0			
cis-1,3-Dichloropropene	976	30	1000	0	97.6	70-125	0			
Dibromochloromethane	891.5	30	1000	0	89.2	65-135	0			
Dichlorodifluoromethane	600	30	1000	0	60	35-135	0			
Ethylbenzene	948.5	30	1000	0	94.8	75-125	0			
Isopropylbenzene	927.5	30	1000	0	92.8	75-130	0			
Methyl tert-butyl ether	982.5	30	1000	0	98.2	75-125	0			
Methylene chloride	906	30	1000	0	90.6	55-145	0			
Styrene	1000	30	1000	0	100	75-125	0			
Tetrachloroethene	954	30	1000	0	95.4	64-140	0			
Toluene	916	30	1000	0	91.6	70-125	0			
trans-1,2-Dichloroethene	862	30	1000	0	86.2	65-135	0			
trans-1,3-Dichloropropene	946.5	30	1000	0	94.6	65-125	0			
Trichloroethene	893	30	1000	0	89.3	75-125	0			
Trichlorofluoromethane	747	30	1000	0	74.7	25-185	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48627	Instrument ID VMS7	Method: SW8260						
Vinyl chloride	545.5	30	1000	0	54.6	60-125	0	S
Xylenes, Total	2816	90	3000	0	93.9	75-125	0	
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>964.5</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>96.4</i>	<i>70-130</i>	<i>0</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>1038</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>104</i>	<i>70-130</i>	<i>0</i>	
<i>Surr: Dibromofluoromethane</i>	<i>996</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>99.6</i>	<i>70-130</i>	<i>0</i>	
<i>Surr: Toluene-d8</i>	<i>1008</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>101</i>	<i>70-130</i>	<i>0</i>	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48627** Instrument ID **VMS7** Method: **SW8260**

MS		Sample ID: 1305901-06B MS			Units: µg/Kg		Analysis Date: 05/24/13 09:23 AM			
Client ID:		Run ID: VMS5_130523A			SeqNo: 2331436		Prep Date: 05/23/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	874	30	1000	0	87.4	70-135	0			
1,1,2,2-Tetrachloroethane	876	30	1000	0	87.6	55-130	0			
1,1,2-Trichloroethane	897.5	30	1000	0	89.8	60-125	0			
1,1-Dichloroethane	882.5	30	1000	0	88.2	75-125	0			
1,1-Dichloroethene	895	30	1000	0	89.5	65-135	0			
1,2,4-Trichlorobenzene	964.5	30	1000	0	96.4	65-130	0			
1,2-Dibromo-3-chloropropane	693.5	30	1000	0	69.4	40-135	0			
1,2-Dibromoethane	912.5	30	1000	0	91.2	70-125	0			
1,2-Dichlorobenzene	947	30	1000	0	94.7	75-120	0			
1,2-Dichloroethane	911.5	30	1000	0	91.2	70-135	0			
1,2-Dichloropropane	876.5	30	1000	0	87.6	70-120	0			
1,3-Dichlorobenzene	933.5	30	1000	0	93.4	70-125	0			
1,4-Dichlorobenzene	942	30	1000	0	94.2	70-125	0			
2-Butanone	1176	200	1000	0	118	30-160	0			
2-Hexanone	1038	30	1000	0	104	45-145	0			
4-Methyl-2-pentanone	1261	30	1000	0	126	45-145	0			
Acetone	1192	100	1000	0	119	20-160	0			
Benzene	904	30	1000	0	90.4	75-125	0			
Bromodichloromethane	779	30	1000	0	77.9	70-130	0			
Bromoform	655	30	1000	0	65.5	55-135	0			
Bromomethane	153	75	1000	0	15.3	30-160	0			S
Carbon disulfide	871	30	1000	0	87.1	45-160	0			
Carbon tetrachloride	829.5	30	1000	0	83	65-135	0			
Chlorobenzene	880.5	30	1000	0	88	75-125	0			
Chloroethane	475	100	1000	0	47.5	40-155	0			
Chloroform	897.5	30	1000	0	89.8	70-125	0			
Chloromethane	711.5	100	1000	0	71.2	50-130	0			B
cis-1,2-Dichloroethene	889	30	1000	0	88.9	65-125	0			
cis-1,3-Dichloropropene	883.5	30	1000	0	88.4	70-125	0			
Dibromochloromethane	699	30	1000	0	69.9	65-135	0			
Dichlorodifluoromethane	473	30	1000	0	47.3	35-135	0			
Ethylbenzene	901	30	1000	0	90.1	75-125	0			
Isopropylbenzene	896.5	30	1000	0	89.6	75-130	0			
Methyl tert-butyl ether	1008	30	1000	0	101	75-125	0			
Methylene chloride	895.5	30	1000	0	89.6	55-145	0			
Styrene	928	30	1000	0	92.8	75-125	0			
Tetrachloroethene	907	30	1000	0	90.7	64-140	0			
Toluene	899.5	30	1000	0	90	70-125	0			
trans-1,2-Dichloroethene	922	30	1000	0	92.2	65-135	0			
trans-1,3-Dichloropropene	854.5	30	1000	0	85.4	65-125	0			
Trichloroethene	869.5	30	1000	0	87	75-125	0			
Trichlorofluoromethane	878.5	30	1000	0	87.8	25-185	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48627	Instrument ID VMS7	Method: SW8260						
Vinyl chloride	635	30	1000	0	63.5	60-125	0	
Xylenes, Total	2684	90	3000	0	89.5	75-125	0	
<i>Surr: 1,2-Dichloroethane-d4</i>	1017	0	1000	0	102	70-130	0	
<i>Surr: 4-Bromofluorobenzene</i>	982	0	1000	0	98.2	70-130	0	
<i>Surr: Dibromofluoromethane</i>	985	0	1000	0	98.5	70-130	0	
<i>Surr: Toluene-d8</i>	1022	0	1000	0	102	70-130	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48627** Instrument ID **VMS7** Method: **SW8260**

MSD		Sample ID: 1305901-06B MSD				Units: µg/Kg		Analysis Date: 05/24/13 09:46 AM		
Client ID:		Run ID: VMS5_130523A			SeqNo: 2331437		Prep Date: 05/23/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	873	30	1000	0	87.3	70-135	874	0.114	30	
1,1,2,2-Tetrachloroethane	957	30	1000	0	95.7	55-130	876	8.84	30	
1,1,2-Trichloroethane	926.5	30	1000	0	92.6	60-125	897.5	3.18	30	
1,1-Dichloroethane	884	30	1000	0	88.4	75-125	882.5	0.17	30	
1,1-Dichloroethene	869.5	30	1000	0	87	65-135	895	2.89	30	
1,2,4-Trichlorobenzene	1056	30	1000	0	106	65-130	964.5	9.1	30	
1,2-Dibromo-3-chloropropane	813.5	30	1000	0	81.4	40-135	693.5	15.9	30	
1,2-Dibromoethane	941	30	1000	0	94.1	70-125	912.5	3.08	30	
1,2-Dichlorobenzene	1002	30	1000	0	100	75-120	947	5.69	30	
1,2-Dichloroethane	904.5	30	1000	0	90.4	70-135	911.5	0.771	30	
1,2-Dichloropropane	862	30	1000	0	86.2	70-120	876.5	1.67	30	
1,3-Dichlorobenzene	1003	30	1000	0	100	70-125	933.5	7.18	30	
1,4-Dichlorobenzene	997.5	30	1000	0	99.8	70-125	942	5.72	30	
2-Butanone	1242	200	1000	0	124	30-160	1176	5.42	30	
2-Hexanone	1152	30	1000	0	115	45-145	1038	10.4	30	
4-Methyl-2-pentanone	1395	30	1000	0	140	45-145	1261	10.1	30	
Acetone	1290	100	1000	0	129	20-160	1192	7.94	30	
Benzene	876.5	30	1000	0	87.6	75-125	904	3.09	30	
Bromodichloromethane	780.5	30	1000	0	78	70-130	779	0.192	30	
Bromoform	655.5	30	1000	0	65.6	55-135	655	0.0763	30	
Bromomethane	141.5	75	1000	0	14.2	30-160	153	7.81	30	S
Carbon disulfide	832	30	1000	0	83.2	45-160	871	4.58	30	
Carbon tetrachloride	830.5	30	1000	0	83	65-135	829.5	0.12	30	
Chlorobenzene	896	30	1000	0	89.6	75-125	880.5	1.75	30	
Chloroethane	401	100	1000	0	40.1	40-155	475	16.9	30	
Chloroform	881	30	1000	0	88.1	70-125	897.5	1.86	30	
Chloromethane	695	100	1000	0	69.5	50-130	711.5	2.35	30	B
cis-1,2-Dichloroethene	878.5	30	1000	0	87.8	65-125	889	1.19	30	
cis-1,3-Dichloropropene	906.5	30	1000	0	90.6	70-125	883.5	2.57	30	
Dibromochloromethane	731.5	30	1000	0	73.2	65-135	699	4.54	30	
Dichlorodifluoromethane	468	30	1000	0	46.8	35-135	473	1.06	30	
Ethylbenzene	921	30	1000	0	92.1	75-125	901	2.2	30	
Isopropylbenzene	921.5	30	1000	0	92.2	75-130	896.5	2.75	30	
Methyl tert-butyl ether	1058	30	1000	0	106	75-125	1008	4.84	30	
Methylene chloride	892	30	1000	0	89.2	55-145	895.5	0.392	30	
Styrene	939	30	1000	0	93.9	75-125	928	1.18	30	
Tetrachloroethene	925	30	1000	0	92.5	64-140	907	1.97	30	
Toluene	892.5	30	1000	0	89.2	70-125	899.5	0.781	30	
trans-1,2-Dichloroethene	911.5	30	1000	0	91.2	65-135	922	1.15	30	
trans-1,3-Dichloropropene	898	30	1000	0	89.8	65-125	854.5	4.96	30	
Trichloroethene	862	30	1000	0	86.2	75-125	869.5	0.866	30	
Trichlorofluoromethane	837	30	1000	0	83.7	25-185	878.5	4.84	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48627	Instrument ID VMS7	Method: SW8260								
Vinyl chloride	607	30	1000	0	60.7	60-125	635	4.51	30	
Xylenes, Total	2736	90	3000	0	91.2	75-125	2684	1.92	30	
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>1034</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>103</i>	<i>70-130</i>	<i>1017</i>	<i>1.66</i>	<i>30</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>994</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>99.4</i>	<i>70-130</i>	<i>982</i>	<i>1.21</i>	<i>30</i>	
<i>Surr: Dibromofluoromethane</i>	<i>984</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>98.4</i>	<i>70-130</i>	<i>985</i>	<i>0.102</i>	<i>30</i>	
<i>Surr: Toluene-d8</i>	<i>1023</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>102</i>	<i>70-130</i>	<i>1022</i>	<i>0.147</i>	<i>30</i>	

The following samples were analyzed in this batch:

1305868-01A	1305868-02A	1305868-03A
1305868-05A	1305868-06A	1305868-08A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R121237** Instrument ID **VMS8** Method: **SW8260**

MBLK	Sample ID: VBLKW1-130523-R121237	Units: µg/L		Analysis Date: 05/23/13 02:39 PM						
Client ID:	Run ID: VMS8_130523A	SeqNo: 2330527	Prep Date:	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1,2-Trichlorotrifluoroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	1.0								
1,2-Dibromoethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	2.0								
1,3-Dichlorobenzene	ND	2.0								
1,4-Dichlorobenzene	ND	2.0								
2-Butanone	ND	5.0								
2-Hexanone	ND	5.0								
4-Methyl-2-pentanone	ND	5.0								
Acetone	ND	20								
Benzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	1.0								
Carbon disulfide	ND	2.5								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								
Chloroform	ND	1.0								
Chloromethane	ND	1.0								
cis-1,2-Dichloroethene	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
Cyclohexane	ND	5.0								
Dibromochloromethane	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
Ethylbenzene	ND	1.0								
Isopropylbenzene	ND	1.0								
Methyl acetate	ND	2.0								
Methyl tert-butyl ether	ND	5.0								
Methylcyclohexane	ND	5.0								
Methylene chloride	ND	5.0								
Styrene	ND	1.0								
Tetrachloroethene	ND	2.0								
Toluene	ND	1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: R121237	Instrument ID VMS8	Method: SW8260						
trans-1,2-Dichloroethene	ND	1.0						
trans-1,3-Dichloropropene	ND	1.0						
Trichloroethene	ND	1.0						
Trichlorofluoromethane	ND	1.0						
Vinyl chloride	ND	1.0						
Xylenes, Total	ND	3.0						
<i>Surr: 1,2-Dichloroethane-d4</i>	21.06	0	20	0	105	70-120	0	
<i>Surr: 4-Bromofluorobenzene</i>	20.77	0	20	0	104	75-120	0	
<i>Surr: Dibromofluoromethane</i>	20.1	0	20	0	100	85-115	0	
<i>Surr: Toluene-d8</i>	20.08	0	20	0	100	85-120	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: R121237 Instrument ID VMS8 Method: SW8260

LCS		Sample ID: VLCSW1-130523-R121237				Units: µg/L		Analysis Date: 05/23/13 01:28 PM		
Client ID:		Run ID: VMS8_130523A			SeqNo: 2330526		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	23.15	1.0	20	0	116	65-130	0			
1,1,2,2-Tetrachloroethane	17.93	1.0	20	0	89.6	65-130	0			
1,1,2-Trichloroethane	20.38	1.0	20	0	102	75-125	0			
1,1-Dichloroethane	20.37	1.0	20	0	102	70-135	0			
1,1-Dichloroethene	21.66	1.0	20	0	108	70-130	0			
1,2,4-Trichlorobenzene	24.52	1.0	20	0	123	65-135	0			
1,2-Dibromo-3-chloropropane	17.56	1.0	20	0	87.8	50-130	0			
1,2-Dibromoethane	24.95	1.0	20	0	125	80-120	0			S
1,2-Dichlorobenzene	21.3	1.0	20	0	106	70-120	0			
1,2-Dichloroethane	21.89	1.0	20	0	109	70-130	0			
1,2-Dichloropropane	20.17	2.0	20	0	101	75-125	0			
1,3-Dichlorobenzene	22.2	2.0	20	0	111	75-125	0			
1,4-Dichlorobenzene	21.76	2.0	20	0	109	75-125	0			
2-Butanone	17.61	5.0	20	0	88	30-150	0			
2-Hexanone	16.16	5.0	20	0	80.8	55-130	0			
4-Methyl-2-pentanone	22.86	5.0	20	0	114	60-135	0			
Acetone	18.46	20	20	0	92.3	40-140	0			J
Benzene	19.94	1.0	20	0	99.7	80-120	0			
Bromodichloromethane	22.12	1.0	20	0	111	75-120	0			
Bromoform	18.38	1.0	20	0	91.9	70-130	0			
Bromomethane	21.17	1.0	20	0	106	30-145	0			
Carbon disulfide	21.31	2.5	20	0	107	35-165	0			
Carbon tetrachloride	23.99	1.0	20	0	120	65-140	0			
Chlorobenzene	21.29	1.0	20	0	106	80-120	0			
Chloroethane	18.35	1.0	20	0	91.8	60-135	0			
Chloroform	21.34	1.0	20	0	107	65-135	0			
Chloromethane	16.65	1.0	20	0	83.2	70-125	0			
cis-1,2-Dichloroethene	21.12	1.0	20	0	106	70-125	0			
cis-1,3-Dichloropropene	20.84	1.0	20	0	104	70-130	0			
Dibromochloromethane	20.88	1.0	20	0	104	60-135	0			
Dichlorodifluoromethane	16.85	1.0	20	0	84.2	30-155	0			
Ethylbenzene	21.91	1.0	20	0	110	75-125	0			
Isopropylbenzene	22.89	1.0	20	0	114	75-125	0			
Methyl tert-butyl ether	20.78	5.0	20	0	104	65-125	0			
Methylene chloride	18.82	5.0	20	0	94.1	55-140	0			
Styrene	21.3	1.0	20	0	106	65-135	0			
Tetrachloroethene	22.58	2.0	20	0	113	45-150	0			
Toluene	21.51	1.0	20	0	108	75-120	0			
trans-1,2-Dichloroethene	21.24	1.0	20	0	106	60-140	0			
trans-1,3-Dichloropropene	21.29	1.0	20	0	106	55-140	0			
Trichloroethene	21.35	1.0	20	0	107	70-125	0			
Trichlorofluoromethane	21.65	1.0	20	0	108	60-145	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: R121237	Instrument ID VMS8	Method: SW8260						
Vinyl chloride	17.87	1.0	20	0	89.4	50-145	0	
Xylenes, Total	65.75	3.0	60	0	110	75-130	0	
<i>Surr: 1,2-Dichloroethane-d4</i>	20.69	0	20	0	103	70-120	0	
<i>Surr: 4-Bromofluorobenzene</i>	19.61	0	20	0	98	75-120	0	
<i>Surr: Dibromofluoromethane</i>	20.61	0	20	0	103	85-115	0	
<i>Surr: Toluene-d8</i>	20.55	0	20	0	103	85-120	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: R121237 Instrument ID VMS8 Method: SW8260

MS		Sample ID: 1305929-01A MS				Units: µg/L		Analysis Date: 05/23/13 10:53 PM		
Client ID:		Run ID: VMS8_130523A			SeqNo: 2330542		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	21.34	1.0	20	0	107	65-130	0			
1,1,2,2-Tetrachloroethane	17.24	1.0	20	0	86.2	65-130	0			
1,1,2-Trichloroethane	18.87	1.0	20	0	94.4	75-125	0			
1,1-Dichloroethane	18.88	1.0	20	0	94.4	70-135	0			
1,1-Dichloroethene	19.19	1.0	20	0	96	70-130	0			
1,2,4-Trichlorobenzene	17.24	1.0	20	0	86.2	65-135	0			
1,2-Dibromo-3-chloropropane	15.7	1.0	20	0	78.5	50-130	0			
1,2-Dibromoethane	23.14	1.0	20	0	116	80-120	0			
1,2-Dichlorobenzene	18.53	1.0	20	0	92.6	70-120	0			
1,2-Dichloroethane	20	1.0	20	0	100	70-130	0			
1,2-Dichloropropane	18.31	2.0	20	0	91.6	75-125	0			
1,3-Dichlorobenzene	19.03	2.0	20	0	95.2	75-125	0			
1,4-Dichlorobenzene	18.74	2.0	20	0	93.7	75-125	0			
2-Butanone	14.41	5.0	20	0	72	30-150	0			
2-Hexanone	14.09	5.0	20	0	70.4	55-130	0			
4-Methyl-2-pentanone	20.26	5.0	20	0	101	60-135	0			
Acetone	14.26	20	20	0	71.3	40-140	0			J
Benzene	18.5	1.0	20	0	92.5	80-120	0			
Bromodichloromethane	20.43	1.0	20	0	102	75-120	0			
Bromoform	16.38	1.0	20	0	81.9	70-130	0			
Bromomethane	13.38	1.0	20	0	66.9	30-145	0			
Carbon disulfide	16.97	2.5	20	0	84.8	35-165	0			
Carbon tetrachloride	22.05	1.0	20	0	110	65-140	0			
Chlorobenzene	19.74	1.0	20	0	98.7	80-120	0			
Chloroethane	14.57	1.0	20	0	72.8	60-135	0			
Chloroform	20.35	1.0	20	0	102	65-135	0			
Chloromethane	10.82	1.0	20	0	54.1	70-125	0			S
cis-1,2-Dichloroethene	19.81	1.0	20	0	99	70-125	0			
cis-1,3-Dichloropropene	18.67	1.0	20	0	93.4	70-130	0			
Dibromochloromethane	19.32	1.0	20	0	96.6	60-135	0			
Dichlorodifluoromethane	11.49	1.0	20	0	57.4	30-155	0			
Ethylbenzene	20.4	1.0	20	0	102	75-125	0			
Isopropylbenzene	20.67	1.0	20	0	103	75-125	0			
Methyl tert-butyl ether	19.02	5.0	20	0	95.1	65-125	0			
Methylene chloride	16.74	5.0	20	0	83.7	55-140	0			
Styrene	19.63	1.0	20	0	98.2	65-135	0			
Tetrachloroethene	20.88	2.0	20	0	104	45-150	0			
Toluene	19.81	1.0	20	0	99	75-120	0			
trans-1,2-Dichloroethene	19.64	1.0	20	0	98.2	60-140	0			
trans-1,3-Dichloropropene	19.2	1.0	20	0	96	55-140	0			
Trichloroethene	19.93	1.0	20	0	99.6	70-125	0			
Trichlorofluoromethane	18.57	1.0	20	0	92.8	60-145	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: R121237	Instrument ID VMS8	Method: SW8260						
Vinyl chloride	13.62	1.0	20	0	68.1	50-145	0	
Xylenes, Total	60.87	3.0	60	0	101	75-130	0	
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>21.37</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>107</i>	<i>70-120</i>	<i>0</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>20.46</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>102</i>	<i>75-120</i>	<i>0</i>	
<i>Surr: Dibromofluoromethane</i>	<i>20.37</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>102</i>	<i>85-115</i>	<i>0</i>	
<i>Surr: Toluene-d8</i>	<i>20.52</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>103</i>	<i>85-120</i>	<i>0</i>	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: R121237 Instrument ID VMS8 Method: SW8260

MSD		Sample ID: 1305929-01A MSD				Units: µg/L		Analysis Date: 05/23/13 11:17 PM		
Client ID:		Run ID: VMS8_130523A			SeqNo: 2330543		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	21.19	1.0	20	0	106	65-130	21.34	0.705	30	
1,1,2,2-Tetrachloroethane	16.96	1.0	20	0	84.8	65-130	17.24	1.64	30	
1,1,2-Trichloroethane	18.74	1.0	20	0	93.7	75-125	18.87	0.691	30	
1,1-Dichloroethane	18.39	1.0	20	0	92	70-135	18.88	2.63	30	
1,1-Dichloroethene	18.8	1.0	20	0	94	70-130	19.19	2.05	30	
1,2,4-Trichlorobenzene	18.67	1.0	20	0	93.4	65-135	17.24	7.96	30	
1,2-Dibromo-3-chloropropane	15.45	1.0	20	0	77.2	50-130	15.7	1.61	30	
1,2-Dibromoethane	23.2	1.0	20	0	116	80-120	23.14	0.259	30	
1,2-Dichlorobenzene	19.32	1.0	20	0	96.6	70-120	18.53	4.17	30	
1,2-Dichloroethane	20.07	1.0	20	0	100	70-130	20	0.349	30	
1,2-Dichloropropane	18.22	2.0	20	0	91.1	75-125	18.31	0.493	30	
1,3-Dichlorobenzene	19.51	2.0	20	0	97.6	75-125	19.03	2.49	30	
1,4-Dichlorobenzene	19.34	2.0	20	0	96.7	75-125	18.74	3.15	30	
2-Butanone	14.11	5.0	20	0	70.6	30-150	14.41	2.1	30	
2-Hexanone	14.73	5.0	20	0	73.6	55-130	14.09	4.44	30	
4-Methyl-2-pentanone	21.14	5.0	20	0	106	60-135	20.26	4.25	30	
Acetone	13.14	20	20	0	65.7	40-140	14.26	0	30	J
Benzene	17.86	1.0	20	0	89.3	80-120	18.5	3.52	30	
Bromodichloromethane	20.02	1.0	20	0	100	75-120	20.43	2.03	30	
Bromoform	15.84	1.0	20	0	79.2	70-130	16.38	3.35	30	
Bromomethane	15.1	1.0	20	0	75.5	30-145	13.38	12.1	30	
Carbon disulfide	16.43	2.5	20	0	82.2	35-165	16.97	3.23	30	
Carbon tetrachloride	21.74	1.0	20	0	109	65-140	22.05	1.42	30	
Chlorobenzene	19.7	1.0	20	0	98.5	80-120	19.74	0.203	30	
Chloroethane	15.3	1.0	20	0	76.5	60-135	14.57	4.89	30	
Chloroform	19.72	1.0	20	0	98.6	65-135	20.35	3.14	30	
Chloromethane	10.5	1.0	20	0	52.5	70-125	10.82	3	30	S
cis-1,2-Dichloroethene	19.23	1.0	20	0	96.2	70-125	19.81	2.97	30	
cis-1,3-Dichloropropene	18.68	1.0	20	0	93.4	70-130	18.67	0.0535	30	
Dibromochloromethane	18.58	1.0	20	0	92.9	60-135	19.32	3.91	30	
Dichlorodifluoromethane	11.34	1.0	20	0	56.7	30-155	11.49	1.31	30	
Ethylbenzene	20.19	1.0	20	0	101	75-125	20.4	1.03	30	
Isopropylbenzene	20.83	1.0	20	0	104	75-125	20.67	0.771	30	
Methyl tert-butyl ether	18.57	5.0	20	0	92.8	65-125	19.02	2.39	30	
Methylene chloride	16.49	5.0	20	0	82.4	55-140	16.74	1.5	30	
Styrene	19.69	1.0	20	0	98.4	65-135	19.63	0.305	30	
Tetrachloroethene	20.73	2.0	20	0	104	45-150	20.88	0.721	30	
Toluene	19.74	1.0	20	0	98.7	75-120	19.81	0.354	30	
trans-1,2-Dichloroethene	18.78	1.0	20	0	93.9	60-140	19.64	4.48	30	
trans-1,3-Dichloropropene	19.02	1.0	20	0	95.1	55-140	19.2	0.942	30	
Trichloroethene	19.37	1.0	20	0	96.8	70-125	19.93	2.85	30	
Trichlorofluoromethane	18	1.0	20	0	90	60-145	18.57	3.12	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: R121237	Instrument ID VMS8	Method: SW8260								
Vinyl chloride	12.9	1.0	20	0	64.5	50-145	13.62	5.43	30	
Xylenes, Total	61.24	3.0	60	0	102	75-130	60.87	0.606	30	
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>20.94</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>105</i>	<i>70-120</i>	<i>21.37</i>	<i>2.03</i>	<i>30</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>20.18</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>101</i>	<i>75-120</i>	<i>20.46</i>	<i>1.38</i>	<i>30</i>	
<i>Surr: Dibromofluoromethane</i>	<i>19.79</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>99</i>	<i>85-115</i>	<i>20.37</i>	<i>2.89</i>	<i>30</i>	
<i>Surr: Toluene-d8</i>	<i>20.35</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>102</i>	<i>85-120</i>	<i>20.52</i>	<i>0.832</i>	<i>30</i>	

The following samples were analyzed in this batch: | 1305868-04A | 1305868-07A | 1305868-09A |

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48617** Instrument ID **WETCHEM** Method: **SW7196A**

MBLK	Sample ID: MBLK-48617-48617	Units: mg/Kg				Analysis Date: 05/23/13 02:00 PM				
Client ID:	Run ID: WETCHEM_130523U	SeqNo: 2329940			Prep Date: 05/22/13		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent ND 0.49

LCS	Sample ID: LCS-48617-48617	Units: mg/Kg				Analysis Date: 05/23/13 02:00 PM				
Client ID:	Run ID: WETCHEM_130523U	SeqNo: 2329939			Prep Date: 05/22/13		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 1.916 0.50 1.992 0 96.2 75-110 0

MS	Sample ID: 1305824-01B MS	Units: mg/Kg				Analysis Date: 05/23/13 02:00 PM				
Client ID:	Run ID: WETCHEM_130523U	SeqNo: 2329931			Prep Date: 05/22/13		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 0.2323 0.49 1.969 0.1333 5.03 60-130 0 JS

MSD	Sample ID: 1305824-01B MSD	Units: mg/Kg				Analysis Date: 05/23/13 02:00 PM				
Client ID:	Run ID: WETCHEM_130523U	SeqNo: 2329932			Prep Date: 05/22/13		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 0.4821 0.50 1.992 0.1333 17.5 60-130 0.2323 0 30 JS

The following samples were analyzed in this batch:

1305868-01B	1305868-02B	1305868-03B
1305868-05B	1305868-06B	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R121193** Instrument ID **WETCHEM** Method: **A4500-H B**

LCS	Sample ID: WLCSW1-130522-R121193				Units: s.u.			Analysis Date: 05/22/13 10:30 AM		
Client ID:	Run ID: WETCHEM_1305220				SeqNo: 2328714		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH 4.3 0 4.4 0 97.7 90-110 0

LCS	Sample ID: WLCSW1-130522-R121193				Units: s.u.			Analysis Date: 05/22/13 10:30 AM		
Client ID:	Run ID: WETCHEM_1305220				SeqNo: 2328720		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH 4.3 0 4.4 0 97.7 90-110 0

LCS	Sample ID: WLCSW1-130522-R121193				Units: s.u.			Analysis Date: 05/22/13 10:30 AM		
Client ID:	Run ID: WETCHEM_1305220				SeqNo: 2328932		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH 4.3 0 4.4 0 97.7 90-110 0

DUP	Sample ID: 1305880-01A DUP				Units: s.u.			Analysis Date: 05/22/13 10:30 AM		
Client ID:	Run ID: WETCHEM_1305220				SeqNo: 2328717		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH 6.38 0 0 0 0 0-0 6.38 0 20

DUP	Sample ID: 1305868-04D DUP				Units: s.u.			Analysis Date: 05/22/13 10:30 AM		
Client ID: SW-2-052113W	Run ID: WETCHEM_1305220				SeqNo: 2328722		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH 7.29 0 0 0 0 0-0 7.29 0 20

DUP	Sample ID: 1305864-01A DUP				Units: s.u.			Analysis Date: 05/22/13 10:30 AM		
Client ID:	Run ID: WETCHEM_1305220				SeqNo: 2328934		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH 6.15 0 0 0 0 0-0 6.15 0 20 H

The following samples were analyzed in this batch: 1305868-04D

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1305868
 Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R121194** Instrument ID **WETCHEM** Method: **SW7196A**

MBLK	Sample ID: WBLKW1-130522-R121194		Units: mg/L		Analysis Date: 05/22/13 11:00 AM					
Client ID:	Run ID: WETCHEM_130522P		SeqNo: 2328723		Prep Date:					
					DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent ND 0.0050

LCS	Sample ID: WLCSW1-130522-R121194		Units: mg/L		Analysis Date: 05/22/13 11:00 AM					
Client ID:	Run ID: WETCHEM_130522P		SeqNo: 2328724		Prep Date:					
					DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 0.202 0.0050 0.2 0 101 80-120 0

MS	Sample ID: 1305868-04D MS		Units: mg/L		Analysis Date: 05/22/13 11:00 AM					
Client ID: SW-2-052113W	Run ID: WETCHEM_130522P		SeqNo: 2328726		Prep Date:					
					DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 0.2082 0.0050 0.2 0.0034 102 75-125 0

MSD	Sample ID: 1305868-04D MSD		Units: mg/L		Analysis Date: 05/22/13 11:00 AM					
Client ID: SW-2-052113W	Run ID: WETCHEM_130522P		SeqNo: 2328727		Prep Date:					
					DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 0.2045 0.0050 0.2 0.0034 101 75-125 0.2082 1.79 30

The following samples were analyzed in this batch: 1305868-04D

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R121220** Instrument ID **MOIST** Method: **A2540 G**

MBLK	Sample ID: WBLKS-R121220		Units: % of sample				Analysis Date: 05/22/13 02:49 PM			
Client ID:	Run ID: MOIST_130522B		SeqNo: 2329401		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture ND 0.050

LCS	Sample ID: LCS-R121220		Units: % of sample				Analysis Date: 05/22/13 02:49 PM			
Client ID:	Run ID: MOIST_130522B		SeqNo: 2329400		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 100 0.050 100 0 100 99.5-100.5 0

DUP	Sample ID: 1305868-01B DUP		Units: % of sample				Analysis Date: 05/22/13 02:49 PM			
Client ID: IA2-56-000.5W	Run ID: MOIST_130522B		SeqNo: 2329392		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 7.54 0.050 0 0 0 0-0 7.7 2.1 20

The following samples were analyzed in this batch:

1305868-01B	1305868-02B	1305868-03B
1305868-05B	1305868-06B	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1305868
Project: 20405.016.001.2063.00-Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R121257** Instrument ID **WETCHEM** Method: **SW9045D**

LCS		Sample ID: LCS-R121257-R121257				Units: s.u.		Analysis Date: 05/23/13 02:30 PM		
Client ID:		Run ID: WETCHEM_130523J				SeqNo: 2330223		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	4.45	0	4.4	0	101	90-110	0			

DUP		Sample ID: 1305806-01A DUP				Units: s.u.		Analysis Date: 05/23/13 02:30 PM		
Client ID:		Run ID: WETCHEM_130523J				SeqNo: 2330225		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	8.29	0	0	0	0	0-0	8.29	0	20	

DUP		Sample ID: 1305937-01B DUP				Units: s.u.		Analysis Date: 05/23/13 02:30 PM		
Client ID:		Run ID: WETCHEM_130523J				SeqNo: 2330236		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	8.82	0	0	0	0	0-0	8.82	0	20	

The following samples were analyzed in this batch:

1305868-01B	1305868-02B	1305868-03B
1305868-05B	1305868-06B	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.



Cincinnati, OH
+1 513 733 5336

Fort Collins, CO
+1 970 490 1511

Chain of Custody Form

Houston, TX
+1 281 530 5656

Spring City, PA
+1 610 948 4903

South Charleston, WV
+1 304 356 3168

Everett, WA
+1 425 356 2600

Holland, MI
+1 616 399 6070

Page 1 of 1

Middletown, PA
+1 717 944 5541

Salt Lake City, UT
+1 801 266 7700

York, PA
+1 717 505 5280

COC ID: 85279

Environmental

ALS Project Manager:

ALS Work Order #: 1305868

Customer Information		Project Information		Parameter/Method Request for Analysis												
Purchase Order	0082447	Project Name	Whirlpool Park Site	A	VOCs - Target Compound List											
Work Order	20405.016.001.2063.00	Project Number	20405.016.001.2063.00	B	SVOCs - Target Compound List											
Company Name	Weston Solutions, Inc	Bill To Company	Weston Solutions, Inc	C	TAL Metals (including Hg) + Boron											
Send Report To	Lisa Graczyk	Invoice Attn	Lisa Graczyk	D	Hexavalent Chromium											
Address	20 North Wacker Drive	Address	20 North Wacker Drive	E	Pesticides											
	Suite 1210		Suite 1210	F	Herbicides											
City/State/Zip	Chicago, IL 60606	City/State/Zip	Chicago, IL 60606	G	PCBs											
Phone	(312) 424-3300	Phone	(312) 424-3300	H	pH											
Fax	(312) 424-3330	Fax	(312) 424-3330	I	pH											
e-Mail Address	LGRACZYK@CSS-DYNAMAC.COM	e-Mail Address	LGRACZYK@CSS-DYNAMAC.COM	J	Moisture											

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	IA2-56-000.5W	5/20/13	1125	SOIL	7(A)	4	X	X	X	X	X	X	X	X	X	X	
2	IA1-54-0-2W	5/20/13	1341	SOIL	7(A)	4	X	X	X	X	X	X	X	X	X	X	
3	IA1-513-2-4W	5/20/13	1555	SOIL	7(A)	4	X	X	X	X	X	X	X	X	X	X	
4	SW-2-052113W	5/21/13	0833	WATER	HNO ₃ /HCL	10	X	X	X	X	X	X	X	X	X	X	
5	SEO-2-052113-0001W	5/21/13	0900	SOIL	7(A)	4	X	X	X	X	X	X	X	X	X	X	
6	IA1-59-2-4W	5/21/13	1010	SOIL	7(A)	4	X	X	X	X	X	X	X	X	X	X	
7	TRIP BLANK-01	5/21/13	---	WATER	1(A)	1	X										
8	TRIP BLANK-02	5/21/13	---	WATER	7(A)	4	X										
9	TRIP BLANK-02	5/21/13	---	LIQUID	7	1	X										

Sampler(s) Please Print & Sign: ANDREW KIEL Shipment Method: _____ Required Turnaround Time: (Check Box) Std 10 WK Days 5 WK Days Other 2 WK Days 24 Hour Results Due Date: _____

Relinquished by: [Signature] Date: 5/21/13 Time: 1445 Received by: [Signature] Notes: "Total" analyses 7 PRESERVATION - MULTICOMPL

Relinquished by: [Signature] Date: 5/21/13 Time: 1900 Received by (Laboratory): [Signature] 5/22/13 0800 Cooler ID: _____ Cooler Temp.: 0.2°C QC Package: (Check One Box Below)

Logged by (Laboratory): [Signature] Date: 5/22/13 Time: 0900 Checked by (Laboratory): [Signature] Level II Std QC TRRP CheckList Level III Std QC/Raw Data TRRP Level IV Level IV SW846/CLP Other _____

Preservative Key: 1-HCl 2-HNO₃ 3-H₂SO₄ 4-NaOH 5-Na₂S₂O₃ 6-NaHSO₄ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
 2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
 3. The Chain of Custody is a legal document. All information must be completed accurately.



Cincinnati, OH
+1 513 733 5336

Fort Collins, CO
+1 970 490 1511

Everett, WA
+1 425 356 2600

Holland, MI
+1 616 399 6070

Chain of Custody Form

Houston, TX
+1 281 530 5656

Spring City, PA
+1 610 948 4903

South Charleston, WV
+1 304 356 3168

Middletown, PA
+1 717 944 5541

Salt Lake City, UT
+1 801 266 7700

York, PA
+1 717 505 5280

Page 1 of 1

COC ID: 85292

Environmental

Customer Information		Project Information		ALS Project Manager:		ALS Work Order #: <u>1305868</u>	
Purchase Order	0082447	Project Name	Whirlpool Park Site	A	TCLP VOCs		
Work Order	<u>20405.016.001.2063.00</u>	Project Number	<u>20405.016.001.2063.00</u>	B	TCLP SVOCs		
Company Name	Weston Solutions, Inc	Bill To Company	Weston Solutions, Inc	C	TCLP Metals		
Send Report To	Lisa Graczyk	Invoice Attn	Lisa Graczyk	D	TCLP Pesticides		
Address	20 North Wacker Drive	Address	20 North Wacker Drive	E	TCLP Herbicides		
	Suite 1210		Suite 1210	F			
City/State/Zip	Chicago, IL 60606	City/State/Zip	Chicago, IL 60606	G			
Phone	(312) 424-3300	Phone	(312) 424-3300	H			
Fax	(312) 424-3330	Fax	(312) 424-3330	I			
e-Mail Address	<u>LGGRACEYK@CSS-DYNAMIC.COM</u>	e-Mail Address	<u>LGGRACEYK@CSS-DYNAMIC.COM</u>	J			

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
<u>9</u>	<u>SW-2-052113W</u>	<u>5/21/13</u>	<u>0833</u>	<u>WATER</u>	<u>HNO₃/HCL</u>	<u>10</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign <u>ANDREW KIEL</u>		Shipment Method		Required Turnaround Time: (Check Box) <input checked="" type="checkbox"/> Std 10 WK Days <input type="checkbox"/> 5 WK Days <input type="checkbox"/> Other <input type="checkbox"/> 2 WK Days <input type="checkbox"/> 24 Hour				Results Due Date:	
Relinquished by:	Date: <u>5/21/13</u>	Time: <u>1415</u>	Received by:	Notes: <u>TCLP analyses</u>					
Relinquished by:	Date: <u>5/21/13</u>	Time: <u>1900</u>	Received by (Laboratory):	Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)			
Logged by (Laboratory):	Date: <u>5/22/13</u>	Time: <u>0900</u>	Checked by (Laboratory):		<u>0.2°C</u>	<input checked="" type="checkbox"/> Level II Std QC	<input type="checkbox"/> TRRP CheckList		
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5035				<input type="checkbox"/> Level III Std QC/Raw Data	<input type="checkbox"/> TRRP Level IV				
				<input type="checkbox"/> Level IV SWB46/CLP					
				<input type="checkbox"/> Other					

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
 2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
 3. The Chain of Custody is a legal document. All information must be completed accurately.

Sample Receipt Checklist

Client Name: **WESTON - CHI**

Date/Time Received: **21-May-13 08:00**

Work Order: **1305868**

Received by: **AB**

Checklist completed by Ashley Beard 22-May-13
eSignature Date

Reviewed by: Bill Carey 22-May-13
eSignature Date

Matrices: water/soil

Carrier name: City Transfer

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container/Temp Blank temperature in compliance? Yes No

Temperature(s)/Thermometer(s):

Cooler(s)/Kit(s):

Date/Time sample(s) sent to storage:

Water - VOA vials have zero headspace? Yes No No VOA vials submitted

Water - pH acceptable upon receipt? Yes No N/A

pH adjusted? Yes No N/A

pH adjusted by:

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:



12-Jun-2013

Lisa Graczyk
Weston Solutions, Inc
20 North Wacker Drive
Suite 1210
Chicago, IL 60606

Re: **20405.016.001.2063.00/Whirlpool Park Site**

Work Order: **1306009**

Dear Lisa,

ALS Environmental received 5 samples on 01-Jun-2013 08:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Sample results are compliant with NELAP standard requirements and QC results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 66.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Tom Beamish".

Electronically approved by: Bill Carey

Tom Beamish
Senior Project Manager



Certificate No: MN 532786

Report of Laboratory Analysis

ADDRESS 3352 128th Avenue Holland, Michigan 49424-9263 | PHONE (616) 399-6070 | FAX (616) 399-6185

ALS GROUP USA, CORP Part of the ALS Group An ALS Limited Company

Environmental

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Work Order: 1306009

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
1306009-01	TT5-053013W	Soil		5/30/2013 12:15	6/1/2013 08:00	<input type="checkbox"/>
1306009-02	TT5-053013W	Tclp Extract		5/30/2013 12:15	6/1/2013 08:00	<input type="checkbox"/>
1306009-03	S14-0001W	Soil		5/30/2013 13:15	6/1/2013 08:00	<input type="checkbox"/>
1306009-04	S14-0001W	Tclp Extract		5/30/2013 13:15	6/1/2013 08:00	<input type="checkbox"/>
1306009-05	Trip-04	Soil		5/30/2013	6/1/2013 08:00	<input type="checkbox"/>

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
WorkOrder: 1306009

**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
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
TDL	Target Detection Limit
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

<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
s.u.	Standard Units

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Work Order: 1306009

Case Narrative

Batch 48807, Method VOC_8260_S, Sample 13051201-01A MS and MSD: The MS and/or MSD recovery was outside the control limit. The parent sample is unrelated to this Work Order.

Batch 48835, Method PEST_8081_S, Sample 1306009-01B MS and MSD: "S" flags for multiple compounds- out of range high- are due to matrix interference. Some of the values were not calculated due to dilution to the PQL.

Batch 48870, Method ICP_6020_W, Sample 13051198-06B MS and MSD: The MS and/or MSD recovery was outside of the control; however, the result in the parent sample is greater than 4x the spike amount. The parent sample is unrelated to this Work Order.

Batch 48873, Method ICP_6020_S, Sample 1306009-01B: The reporting limit is elevated due to dilution for high concentrations of non-target analytes.

Batch 48873, Method ICP_6020_S, Sample 1306009-03B: The reporting limit is elevated due to dilution for high concentrations of non-target analytes.

Batch 48873, Method ICP_6020_S, Sample 1306012-01CMS and MSD: The MS and/or MSD recovery was outside the control limit. The parent sample is unrelated to this Work Order.

Batch R121793, Method VOC_8260_W, Sample VLCSW1-130605: The LCS and/or LCSD recovery was above the upper control limit. All sample results in the batch were non-detect. No qualification is necessary for this analyte: 4-Methyl-2-Pentnone

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306009

Sample ID: TT5-053013W

Lab ID: 1306009-01

Collection Date: 5/30/2013 12:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 6/6/2013	Analyst: JD
2,4,5-T	ND		0.0059	mg/Kg-dry	1	6/11/2013 03:52 AM
2,4,5-TP (Silvex)	ND		0.0059	mg/Kg-dry	1	6/11/2013 03:52 AM
2,4-D	ND		0.0059	mg/Kg-dry	1	6/11/2013 03:52 AM
Surr: DCAA	105		30-150	%REC	1	6/11/2013 03:52 AM
PCBS			SW8082		Prep Date: 6/4/2013	Analyst: JD
Aroclor 1016	ND		0.047	mg/Kg-dry	1	6/4/2013 07:23 PM
Aroclor 1221	ND		0.047	mg/Kg-dry	1	6/4/2013 07:23 PM
Aroclor 1232	ND		0.047	mg/Kg-dry	1	6/4/2013 07:23 PM
Aroclor 1242	ND		0.047	mg/Kg-dry	1	6/4/2013 07:23 PM
Aroclor 1248	ND		0.047	mg/Kg-dry	1	6/4/2013 07:23 PM
Aroclor 1254	ND		0.047	mg/Kg-dry	1	6/4/2013 07:23 PM
Aroclor 1260	ND		0.047	mg/Kg-dry	1	6/4/2013 07:23 PM
Surr: Decachlorobiphenyl	89.1		40-140	%REC	1	6/4/2013 07:23 PM
PESTICIDES			SW8081		Prep Date: 6/4/2013	Analyst: JD
4,4'-DDD	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
4,4'-DDE	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
4,4'-DDT	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Aldrin	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
alpha-BHC	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
alpha-Chlordane	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
beta-BHC	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Chlordane, Technical	ND		0.30	mg/Kg-dry	10	6/7/2013 03:50 PM
delta-BHC	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Dieldrin	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Endosulfan I	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Endosulfan II	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Endosulfan sulfate	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Endrin	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Endrin aldehyde	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Endrin ketone	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
gamma-BHC (Lindane)	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
gamma-Chlordane	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Heptachlor	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Heptachlor epoxide	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Methoxychlor	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Toxaphene	ND		0.71	mg/Kg-dry	10	6/7/2013 03:50 PM
Surr: Decachlorobiphenyl	90.1		45-135	%REC	10	6/7/2013 03:50 PM
Surr: Tetrachloro-m-xylene	100		45-124	%REC	10	6/7/2013 03:50 PM

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

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306009

Sample ID: TT5-053013W

Lab ID: 1306009-01

Collection Date: 5/30/2013 12:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 6/3/2013	Analyst: LR
Mercury	0.049		0.018	mg/Kg-dry	1	6/3/2013 05:46 PM
METALS BY ICP-MS			SW6020A		Prep Date: 6/5/2013	Analyst: ML
Aluminum	9,800		43	mg/Kg-dry	50	6/7/2013 01:29 PM
Antimony	ND		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Arsenic	8.7		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Barium	80		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Beryllium	ND		0.86	mg/Kg-dry	5	6/5/2013 10:08 PM
Boron	24		8.6	mg/Kg-dry	5	6/5/2013 10:08 PM
Cadmium	ND		0.86	mg/Kg-dry	5	6/5/2013 10:08 PM
Calcium	42,000		220	mg/Kg-dry	5	6/5/2013 10:08 PM
Chromium	15		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Cobalt	10		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Copper	23		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Iron	22,000		52	mg/Kg-dry	5	6/5/2013 10:08 PM
Lead	33		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Magnesium	9,200		86	mg/Kg-dry	5	6/5/2013 10:08 PM
Manganese	420		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Nickel	26		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Potassium	2,500		86	mg/Kg-dry	5	6/5/2013 10:08 PM
Selenium	ND		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Silver	ND		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Sodium	170		86	mg/Kg-dry	5	6/5/2013 10:08 PM
Thallium	ND		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Vanadium	22		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Zinc	75		4.3	mg/Kg-dry	5	6/5/2013 10:08 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 6/3/2013	Analyst: HL
1,1'-Biphenyl	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
2,4-Dimethylphenol	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
2,4-Dinitrophenol	ND		0.76	mg/Kg-dry	1	6/5/2013 05:06 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
2-Chloronaphthalene	ND		0.092	mg/Kg-dry	1	6/5/2013 05:06 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
2-Methylnaphthalene	ND		0.092	mg/Kg-dry	1	6/5/2013 05:06 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM

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

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306009

Sample ID: TT5-053013W

Lab ID: 1306009-01

Collection Date: 5/30/2013 12:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.76	mg/Kg-dry	1	6/5/2013 05:06 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
3,3'-Dichlorobenzidine	ND		0.76	mg/Kg-dry	1	6/5/2013 05:06 PM
3-Nitroaniline	ND		0.76	mg/Kg-dry	1	6/5/2013 05:06 PM
4,6-Dinitro-2-methylphenol	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
4-Chloroaniline	ND		0.76	mg/Kg-dry	1	6/5/2013 05:06 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
4-Nitroaniline	ND		0.76	mg/Kg-dry	1	6/5/2013 05:06 PM
4-Nitrophenol	ND		0.76	mg/Kg-dry	1	6/5/2013 05:06 PM
Acenaphthene	ND		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Acenaphthylene	0.044		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Acetophenone	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
Anthracene	0.11		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Atrazine	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
Benzaldehyde	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
Benzo(a)anthracene	0.42		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Benzo(a)pyrene	0.35		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Benzo(b)fluoranthene	0.44		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Benzo(g,h,i)perylene	0.15		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Benzo(k)fluoranthene	0.19		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
Bis(2-ethylhexyl)phthalate	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
Caprolactam	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
Carbazole	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
Chrysene	0.43		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Dibenzo(a,h)anthracene	0.054		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
Diethyl phthalate	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
Dimethyl phthalate	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
Di-n-butyl phthalate	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
Fluoranthene	0.78		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Fluorene	ND		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM

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

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306009

Sample ID: TT5-053013W

Lab ID: 1306009-01

Collection Date: 5/30/2013 12:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
Hexachlorocyclopentadiene	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
Indeno(1,2,3-cd)pyrene	0.14		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Isophorone	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
Naphthalene	ND		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
Pentachlorophenol	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
Phenanthrene	0.37		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Phenol	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
Pyrene	0.75		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Surr: 2,4,6-Tribromophenol	80.2		34-140	%REC	1	6/5/2013 05:06 PM
Surr: 2-Fluorobiphenyl	76.9		12-100	%REC	1	6/5/2013 05:06 PM
Surr: 2-Fluorophenol	94.4		33-117	%REC	1	6/5/2013 05:06 PM
Surr: 4-Terphenyl-d14	106		25-137	%REC	1	6/5/2013 05:06 PM
Surr: Nitrobenzene-d5	71.5		37-107	%REC	1	6/5/2013 05:06 PM
Surr: Phenol-d6	92.5		40-106	%REC	1	6/5/2013 05:06 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Prep Date: 6/3/2013

Analyst: RS

1,1,1-Trichloroethane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,1,2,2-Tetrachloroethane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,1,2-Trichloroethane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,1,2-Trichlorotrifluoroethane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,1-Dichloroethane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,1-Dichloroethene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,2,4-Trichlorobenzene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,2-Dibromo-3-chloropropane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,2-Dibromoethane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,2-Dichlorobenzene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,2-Dichloroethane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,2-Dichloropropane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,3-Dichlorobenzene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,4-Dichlorobenzene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
2-Butanone	ND		0.24	mg/Kg-dry	1	6/3/2013 04:11 PM
2-Hexanone	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
4-Methyl-2-pentanone	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Acetone	ND		0.12	mg/Kg-dry	1	6/3/2013 04:11 PM
Benzene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Bromodichloromethane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM

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

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306009

Sample ID: TT5-053013W

Lab ID: 1306009-01

Collection Date: 5/30/2013 12:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Bromomethane	ND		0.089	mg/Kg-dry	1	6/3/2013 04:11 PM
Carbon disulfide	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Carbon tetrachloride	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Chlorobenzene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Chloroethane	ND		0.12	mg/Kg-dry	1	6/3/2013 04:11 PM
Chloroform	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Chloromethane	ND		0.12	mg/Kg-dry	1	6/3/2013 04:11 PM
cis-1,2-Dichloroethene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
cis-1,3-Dichloropropene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Cyclohexane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Dibromochloromethane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Dichlorodifluoromethane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Ethylbenzene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Isopropylbenzene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Methyl acetate	ND		0.24	mg/Kg-dry	1	6/3/2013 04:11 PM
Methyl tert-butyl ether	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Methylcyclohexane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Methylene chloride	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Styrene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Tetrachloroethene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Toluene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
trans-1,2-Dichloroethene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
trans-1,3-Dichloropropene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Trichloroethene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Trichlorofluoromethane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Vinyl chloride	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Xylenes, Total	ND		0.11	mg/Kg-dry	1	6/3/2013 04:11 PM
Surr: 1,2-Dichloroethane-d4	106		70-130	%REC	1	6/3/2013 04:11 PM
Surr: 4-Bromofluorobenzene	104		70-130	%REC	1	6/3/2013 04:11 PM
Surr: Dibromofluoromethane	103		70-130	%REC	1	6/3/2013 04:11 PM
Surr: Toluene-d8	99.8		70-130	%REC	1	6/3/2013 04:11 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 6/5/2013	Analyst: MB
Chromium, Hexavalent	ND		0.59	mg/Kg-dry	1	6/5/2013 02:00 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	16		0.050	% of sample	1	6/3/2013 09:05 AM
PH			SW9045D			Analyst: KF
pH	8.1			s.u.	1	6/1/2013 01:20 PM

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

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306009

Sample ID: TT5-053013W

Lab ID: 1306009-02

Collection Date: 5/30/2013 12:15 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 6/6/2013	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	6/11/2013 02:04 AM
2,4-D	0.0067		0.0050	mg/L	1	6/11/2013 02:04 AM
Surr: DCAA	95.8		30-150	%REC	1	6/11/2013 02:04 AM
TCLP PESTICIDES			SW8081		Prep Date: 6/4/2013	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	6/5/2013 11:16 PM
Endrin	ND		0.00025	mg/L	1	6/5/2013 11:16 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	6/5/2013 11:16 PM
Heptachlor	ND		0.00025	mg/L	1	6/5/2013 11:16 PM
Methoxychlor	ND		0.00025	mg/L	1	6/5/2013 11:16 PM
Toxaphene	ND		0.020	mg/L	1	6/5/2013 11:16 PM
Surr: Decachlorobiphenyl	60.0		30-135	%REC	1	6/5/2013 11:16 PM
Surr: Tetrachloro-m-xylene	31.0		25-140	%REC	1	6/5/2013 11:16 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 6/5/2013	Analyst: LR
Mercury	ND		0.0020	mg/L	1	6/6/2013 01:50 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 6/5/2013	Analyst: RH
Arsenic	ND		0.010	mg/L	1	6/6/2013 06:43 PM
Barium	0.43		0.050	mg/L	1	6/6/2013 06:43 PM
Cadmium	ND		0.0020	mg/L	1	6/6/2013 06:43 PM
Chromium	ND		0.020	mg/L	1	6/6/2013 06:43 PM
Lead	ND		0.010	mg/L	1	6/6/2013 06:43 PM
Selenium	ND		0.020	mg/L	1	6/6/2013 06:43 PM
Silver	ND		0.0050	mg/L	1	6/6/2013 06:43 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 6/5/2013	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	6/6/2013 03:25 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	6/6/2013 03:25 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	6/6/2013 03:25 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	6/6/2013 03:25 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	6/6/2013 03:25 PM
Hexachlorobenzene	ND		0.10	mg/L	1	6/6/2013 03:25 PM
Hexachloroethane	ND		0.10	mg/L	1	6/6/2013 03:25 PM
m-Cresol	ND		0.10	mg/L	1	6/6/2013 03:25 PM
Nitrobenzene	ND		0.10	mg/L	1	6/6/2013 03:25 PM
o-Cresol	ND		0.10	mg/L	1	6/6/2013 03:25 PM
p-Cresol	ND		0.10	mg/L	1	6/6/2013 03:25 PM
Pentachlorophenol	ND		0.40	mg/L	1	6/6/2013 03:25 PM
Pyridine	ND		0.40	mg/L	1	6/6/2013 03:25 PM
Surr: 2,4,6-Tribromophenol	49.2		21-125	%REC	1	6/6/2013 03:25 PM

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

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306009

Sample ID: TT5-053013W

Lab ID: 1306009-02

Collection Date: 5/30/2013 12:15 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	45.9		39-94	%REC	1	6/6/2013 03:25 PM
<i>Surr: 2-Fluorophenol</i>	30.5		10-75	%REC	1	6/6/2013 03:25 PM
<i>Surr: 4-Terphenyl-d14</i>	96.8		26-119	%REC	1	6/6/2013 03:25 PM
<i>Surr: Nitrobenzene-d5</i>	51.3		41-104	%REC	1	6/6/2013 03:25 PM
<i>Surr: Phenol-d6</i>	20.3		11-50	%REC	1	6/6/2013 03:25 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 6/3/2013	Analyst: BG
1,1-Dichloroethene	ND		0.020	mg/L	20	6/6/2013 05:17 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	6/6/2013 05:17 AM
2-Butanone	ND		0.20	mg/L	20	6/6/2013 05:17 AM
Benzene	ND		0.020	mg/L	20	6/6/2013 05:17 AM
Carbon tetrachloride	ND		0.020	mg/L	20	6/6/2013 05:17 AM
Chlorobenzene	ND		0.020	mg/L	20	6/6/2013 05:17 AM
Chloroform	ND		0.020	mg/L	20	6/6/2013 05:17 AM
Tetrachloroethene	ND		0.020	mg/L	20	6/6/2013 05:17 AM
Trichloroethene	ND		0.020	mg/L	20	6/6/2013 05:17 AM
Vinyl chloride	ND		0.020	mg/L	20	6/6/2013 05:17 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	101		70-130	%REC	20	6/6/2013 05:17 AM
<i>Surr: 4-Bromofluorobenzene</i>	97.8		70-130	%REC	20	6/6/2013 05:17 AM
<i>Surr: Dibromofluoromethane</i>	102		70-130	%REC	20	6/6/2013 05:17 AM
<i>Surr: Toluene-d8</i>	98.2		70-130	%REC	20	6/6/2013 05:17 AM

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

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306009

Sample ID: S14-0001W

Lab ID: 1306009-03

Collection Date: 5/30/2013 01:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 6/6/2013	Analyst: JD
2,4,5-T	ND		0.0089	mg/Kg-dry	1	6/11/2013 04:32 AM
2,4,5-TP (Silvex)	ND		0.0089	mg/Kg-dry	1	6/11/2013 04:32 AM
2,4-D	0.029		0.0089	mg/Kg-dry	1	6/11/2013 04:32 AM
Surr: DCAA	114		30-150	%REC	1	6/11/2013 04:32 AM
PCBS			SW8082		Prep Date: 6/4/2013	Analyst: JD
Aroclor 1016	ND		0.073	mg/Kg-dry	1	6/5/2013 09:09 AM
Aroclor 1221	ND		0.073	mg/Kg-dry	1	6/5/2013 09:09 AM
Aroclor 1232	ND		0.073	mg/Kg-dry	1	6/5/2013 09:09 AM
Aroclor 1242	ND		0.073	mg/Kg-dry	1	6/5/2013 09:09 AM
Aroclor 1248	ND		0.073	mg/Kg-dry	1	6/5/2013 09:09 AM
Aroclor 1254	ND		0.073	mg/Kg-dry	1	6/5/2013 09:09 AM
Aroclor 1260	ND		0.073	mg/Kg-dry	1	6/5/2013 09:09 AM
Surr: Decachlorobiphenyl	106		40-140	%REC	1	6/5/2013 09:09 AM
PESTICIDES			SW8081		Prep Date: 6/4/2013	Analyst: JD
4,4'-DDD	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
4,4'-DDE	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
4,4'-DDT	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Aldrin	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
alpha-BHC	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
alpha-Chlordane	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
beta-BHC	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Chlordane, Technical	ND		0.91	mg/Kg-dry	20	6/7/2013 04:37 PM
delta-BHC	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Dieldrin	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Endosulfan I	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Endosulfan II	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Endosulfan sulfate	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Endrin	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Endrin aldehyde	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Endrin ketone	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
gamma-BHC (Lindane)	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
gamma-Chlordane	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Heptachlor	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Heptachlor epoxide	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Methoxychlor	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Toxaphene	ND		2.2	mg/Kg-dry	20	6/7/2013 04:37 PM
Surr: Decachlorobiphenyl	60.1		45-135	%REC	20	6/7/2013 04:37 PM
Surr: Tetrachloro-m-xylene	100		45-124	%REC	20	6/7/2013 04:37 PM

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

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306009

Sample ID: S14-0001W

Lab ID: 1306009-03

Collection Date: 5/30/2013 01:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 6/3/2013	Analyst: LR
Mercury	0.030		0.027	mg/Kg-dry	1	6/3/2013 05:48 PM
METALS BY ICP-MS			SW6020A		Prep Date: 6/5/2013	Analyst: ML
Aluminum	12,000		57	mg/Kg-dry	50	6/7/2013 01:35 PM
Antimony	ND		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Arsenic	6.2		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Barium	51		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Beryllium	ND		1.1	mg/Kg-dry	5	6/5/2013 10:14 PM
Boron	ND		11	mg/Kg-dry	5	6/5/2013 10:14 PM
Cadmium	ND		1.1	mg/Kg-dry	5	6/5/2013 10:14 PM
Calcium	54,000		280	mg/Kg-dry	5	6/5/2013 10:14 PM
Chromium	16		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Cobalt	7.7		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Copper	24		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Iron	21,000		68	mg/Kg-dry	5	6/5/2013 10:14 PM
Lead	16		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Magnesium	12,000		110	mg/Kg-dry	5	6/5/2013 10:14 PM
Manganese	210		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Nickel	22		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Potassium	1,900		110	mg/Kg-dry	5	6/5/2013 10:14 PM
Selenium	ND		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Silver	ND		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Sodium	ND		110	mg/Kg-dry	5	6/5/2013 10:14 PM
Thallium	ND		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Vanadium	20		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Zinc	68		5.7	mg/Kg-dry	5	6/5/2013 10:14 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 6/3/2013	Analyst: HL
1,1'-Biphenyl	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
2,4,5-Trichlorophenol	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
2,4,6-Trichlorophenol	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
2,4-Dichlorophenol	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
2,4-Dimethylphenol	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
2,4-Dinitrophenol	ND		1.2	mg/Kg-dry	1	6/5/2013 05:38 PM
2,4-Dinitrotoluene	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
2,6-Dinitrotoluene	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
2-Chloronaphthalene	ND		0.14	mg/Kg-dry	1	6/5/2013 05:38 PM
2-Chlorophenol	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
2-Methylnaphthalene	ND		0.14	mg/Kg-dry	1	6/5/2013 05:38 PM
2-Methylphenol	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM

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

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306009

Sample ID: S14-0001W

Lab ID: 1306009-03

Collection Date: 5/30/2013 01:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		1.2	mg/Kg-dry	1	6/5/2013 05:38 PM
2-Nitrophenol	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
3,3'-Dichlorobenzidine	ND		1.2	mg/Kg-dry	1	6/5/2013 05:38 PM
3-Nitroaniline	ND		1.2	mg/Kg-dry	1	6/5/2013 05:38 PM
4,6-Dinitro-2-methylphenol	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
4-Bromophenyl phenyl ether	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
4-Chloro-3-methylphenol	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
4-Chloroaniline	ND		1.2	mg/Kg-dry	1	6/5/2013 05:38 PM
4-Chlorophenyl phenyl ether	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
4-Methylphenol	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
4-Nitroaniline	ND		1.2	mg/Kg-dry	1	6/5/2013 05:38 PM
4-Nitrophenol	ND		1.2	mg/Kg-dry	1	6/5/2013 05:38 PM
Acenaphthene	ND		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Acenaphthylene	ND		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Acetophenone	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
Anthracene	ND		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Atrazine	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
Benzaldehyde	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
Benzo(a)anthracene	ND		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Benzo(a)pyrene	ND		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Benzo(b)fluoranthene	0.083		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Benzo(g,h,i)perylene	ND		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Benzo(k)fluoranthene	ND		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Bis(2-chloroethoxy)methane	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
Bis(2-chloroethyl)ether	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
Bis(2-chloroisopropyl)ether	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
Bis(2-ethylhexyl)phthalate	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
Butyl benzyl phthalate	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
Caprolactam	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
Carbazole	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
Chrysene	0.060		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Dibenzo(a,h)anthracene	ND		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Dibenzofuran	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
Diethyl phthalate	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
Dimethyl phthalate	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
Di-n-butyl phthalate	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
Di-n-octyl phthalate	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
Fluoranthene	0.092		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Fluorene	ND		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Hexachlorobenzene	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM

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

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306009

Sample ID: S14-0001W

Lab ID: 1306009-03

Collection Date: 5/30/2013 01:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
Hexachlorocyclopentadiene	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
Hexachloroethane	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
Indeno(1,2,3-cd)pyrene	ND		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Isophorone	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
Naphthalene	ND		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Nitrobenzene	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
N-Nitrosodi-n-propylamine	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
N-Nitrosodiphenylamine	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
Pentachlorophenol	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
Phenanthrene	ND		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Phenol	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
Pyrene	0.075		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Surr: 2,4,6-Tribromophenol	80.0		34-140	%REC	1	6/5/2013 05:38 PM
Surr: 2-Fluorobiphenyl	68.6		12-100	%REC	1	6/5/2013 05:38 PM
Surr: 2-Fluorophenol	79.5		33-117	%REC	1	6/5/2013 05:38 PM
Surr: 4-Terphenyl-d14	106		25-137	%REC	1	6/5/2013 05:38 PM
Surr: Nitrobenzene-d5	61.4		37-107	%REC	1	6/5/2013 05:38 PM
Surr: Phenol-d6	79.6		40-106	%REC	1	6/5/2013 05:38 PM
VOLATILE ORGANIC COMPOUNDS			SW8260		Prep Date: 6/3/2013	Analyst: RS
1,1,1-Trichloroethane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,1,2,2-Tetrachloroethane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,1,2-Trichloroethane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,1,2-Trichlorotrifluoroethane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,1-Dichloroethane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,1-Dichloroethene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,2,4-Trichlorobenzene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,2-Dibromo-3-chloropropane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,2-Dibromoethane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,2-Dichlorobenzene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,2-Dichloroethane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,2-Dichloropropane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,3-Dichlorobenzene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,4-Dichlorobenzene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
2-Butanone	ND		0.43	mg/Kg-dry	1	6/3/2013 04:33 PM
2-Hexanone	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
4-Methyl-2-pentanone	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Acetone	ND		0.22	mg/Kg-dry	1	6/3/2013 04:33 PM
Benzene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Bromodichloromethane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM

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

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306009

Sample ID: S14-0001W

Lab ID: 1306009-03

Collection Date: 5/30/2013 01:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Bromomethane	ND		0.16	mg/Kg-dry	1	6/3/2013 04:33 PM
Carbon disulfide	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Carbon tetrachloride	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Chlorobenzene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Chloroethane	ND		0.22	mg/Kg-dry	1	6/3/2013 04:33 PM
Chloroform	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Chloromethane	ND		0.22	mg/Kg-dry	1	6/3/2013 04:33 PM
cis-1,2-Dichloroethene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
cis-1,3-Dichloropropene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Cyclohexane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Dibromochloromethane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Dichlorodifluoromethane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Ethylbenzene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Isopropylbenzene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Methyl acetate	ND		0.43	mg/Kg-dry	1	6/3/2013 04:33 PM
Methyl tert-butyl ether	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Methylcyclohexane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Methylene chloride	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Styrene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Tetrachloroethene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Toluene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
trans-1,2-Dichloroethene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
trans-1,3-Dichloropropene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Trichloroethene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Trichlorofluoromethane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Vinyl chloride	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Xylenes, Total	ND		0.19	mg/Kg-dry	1	6/3/2013 04:33 PM
Surr: 1,2-Dichloroethane-d4	108		70-130	%REC	1	6/3/2013 04:33 PM
Surr: 4-Bromofluorobenzene	101		70-130	%REC	1	6/3/2013 04:33 PM
Surr: Dibromofluoromethane	101		70-130	%REC	1	6/3/2013 04:33 PM
Surr: Toluene-d8	100		70-130	%REC	1	6/3/2013 04:33 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 6/5/2013	Analyst: MB
Chromium, Hexavalent	ND		0.90	mg/Kg-dry	1	6/5/2013 02:00 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	45		0.050	% of sample	1	6/3/2013 09:05 AM
PH			SW9045D			Analyst: KF
pH	7.4			s.u.	1	6/1/2013 01:20 PM

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

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306009

Sample ID: S14-0001W

Lab ID: 1306009-04

Collection Date: 5/30/2013 01:15 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 6/6/2013	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	6/11/2013 02:44 AM
2,4-D	0.019		0.0050	mg/L	1	6/11/2013 02:44 AM
Surr: DCAA	97.6		30-150	%REC	1	6/11/2013 02:44 AM
TCLP PESTICIDES			SW8081		Prep Date: 6/4/2013	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	6/6/2013 12:03 AM
Endrin	ND		0.00025	mg/L	1	6/6/2013 12:03 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	6/6/2013 12:03 AM
Heptachlor	ND		0.00025	mg/L	1	6/6/2013 12:03 AM
Methoxychlor	ND		0.00025	mg/L	1	6/6/2013 12:03 AM
Toxaphene	ND		0.020	mg/L	1	6/6/2013 12:03 AM
Surr: Decachlorobiphenyl	59.0		30-135	%REC	1	6/6/2013 12:03 AM
Surr: Tetrachloro-m-xylene	42.0		25-140	%REC	1	6/6/2013 12:03 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 6/5/2013	Analyst: LR
Mercury	ND		0.0020	mg/L	1	6/6/2013 01:59 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 6/5/2013	Analyst: RH
Arsenic	ND		0.010	mg/L	1	6/6/2013 07:03 PM
Barium	0.39		0.050	mg/L	1	6/6/2013 07:03 PM
Cadmium	ND		0.0020	mg/L	1	6/6/2013 07:03 PM
Chromium	ND		0.020	mg/L	1	6/6/2013 07:03 PM
Lead	ND		0.010	mg/L	1	6/6/2013 07:03 PM
Selenium	ND		0.020	mg/L	1	6/6/2013 07:03 PM
Silver	ND		0.0050	mg/L	1	6/6/2013 07:03 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 6/5/2013	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	6/6/2013 03:44 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	6/6/2013 03:44 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	6/6/2013 03:44 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	6/6/2013 03:44 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	6/6/2013 03:44 PM
Hexachlorobenzene	ND		0.10	mg/L	1	6/6/2013 03:44 PM
Hexachloroethane	ND		0.10	mg/L	1	6/6/2013 03:44 PM
m-Cresol	ND		0.10	mg/L	1	6/6/2013 03:44 PM
Nitrobenzene	ND		0.10	mg/L	1	6/6/2013 03:44 PM
o-Cresol	ND		0.10	mg/L	1	6/6/2013 03:44 PM
p-Cresol	ND		0.10	mg/L	1	6/6/2013 03:44 PM
Pentachlorophenol	ND		0.40	mg/L	1	6/6/2013 03:44 PM
Pyridine	ND		0.40	mg/L	1	6/6/2013 03:44 PM
Surr: 2,4,6-Tribromophenol	56.1		21-125	%REC	1	6/6/2013 03:44 PM

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

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: S14-0001W
Collection Date: 5/30/2013 01:15 PM

Work Order: 1306009
Lab ID: 1306009-04
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	56.5		39-94	%REC	1	6/6/2013 03:44 PM
Surr: 2-Fluorophenol	39.6		10-75	%REC	1	6/6/2013 03:44 PM
Surr: 4-Terphenyl-d14	112		26-119	%REC	1	6/6/2013 03:44 PM
Surr: Nitrobenzene-d5	60.4		41-104	%REC	1	6/6/2013 03:44 PM
Surr: Phenol-d6	24.4		11-50	%REC	1	6/6/2013 03:44 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 6/3/2013	Analyst: BG
1,1-Dichloroethene	ND		0.020	mg/L	20	6/6/2013 04:54 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	6/6/2013 04:54 AM
2-Butanone	ND		0.20	mg/L	20	6/6/2013 04:54 AM
Benzene	ND		0.020	mg/L	20	6/6/2013 04:54 AM
Carbon tetrachloride	ND		0.020	mg/L	20	6/6/2013 04:54 AM
Chlorobenzene	ND		0.020	mg/L	20	6/6/2013 04:54 AM
Chloroform	ND		0.020	mg/L	20	6/6/2013 04:54 AM
Tetrachloroethene	ND		0.020	mg/L	20	6/6/2013 04:54 AM
Trichloroethene	ND		0.020	mg/L	20	6/6/2013 04:54 AM
Vinyl chloride	ND		0.020	mg/L	20	6/6/2013 04:54 AM
Surr: 1,2-Dichloroethane-d4	99.2		70-130	%REC	20	6/6/2013 04:54 AM
Surr: 4-Bromofluorobenzene	98.0		70-130	%REC	20	6/6/2013 04:54 AM
Surr: Dibromofluoromethane	101		70-130	%REC	20	6/6/2013 04:54 AM
Surr: Toluene-d8	97.8		70-130	%REC	20	6/6/2013 04:54 AM

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

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: Trip-04
Collection Date: 5/30/2013

Work Order: 1306009
Lab ID: 1306009-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260		Prep Date: 6/3/2013	Analyst: RS
1,1,1-Trichloroethane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,1,2,2-Tetrachloroethane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,1,2-Trichloroethane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,1,2-Trichlorotrifluoroethane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,1-Dichloroethane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,1-Dichloroethene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,2,4-Trichlorobenzene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,2-Dibromo-3-chloropropane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,2-Dibromoethane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,2-Dichlorobenzene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,2-Dichloroethane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,2-Dichloropropane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,3-Dichlorobenzene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,4-Dichlorobenzene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
2-Butanone	ND		0.20	mg/Kg	1	6/3/2013 04:55 PM
2-Hexanone	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
4-Methyl-2-pentanone	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Acetone	ND		0.10	mg/Kg	1	6/3/2013 04:55 PM
Benzene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Bromodichloromethane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Bromoform	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Bromomethane	ND		0.075	mg/Kg	1	6/3/2013 04:55 PM
Carbon disulfide	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Carbon tetrachloride	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Chlorobenzene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Chloroethane	ND		0.10	mg/Kg	1	6/3/2013 04:55 PM
Chloroform	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Chloromethane	ND		0.10	mg/Kg	1	6/3/2013 04:55 PM
cis-1,2-Dichloroethene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
cis-1,3-Dichloropropene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Cyclohexane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Dibromochloromethane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Dichlorodifluoromethane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Ethylbenzene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Isopropylbenzene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Methyl acetate	ND		0.20	mg/Kg	1	6/3/2013 04:55 PM
Methyl tert-butyl ether	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Methylcyclohexane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Methylene chloride	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM

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

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc**Project:** 20405.016.001.2063.00/Whirlpool Park Site**Work Order:** 1306009**Sample ID:** Trip-04**Lab ID:** 1306009-05**Collection Date:** 5/30/2013**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Tetrachloroethene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Toluene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
trans-1,2-Dichloroethene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
trans-1,3-Dichloropropene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Trichloroethene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Trichlorofluoromethane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Vinyl chloride	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Xylenes, Total	ND		0.090	mg/Kg	1	6/3/2013 04:55 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	108		70-130	%REC	1	6/3/2013 04:55 PM
<i>Surr: 4-Bromofluorobenzene</i>	101		70-130	%REC	1	6/3/2013 04:55 PM
<i>Surr: Dibromofluoromethane</i>	106		70-130	%REC	1	6/3/2013 04:55 PM
<i>Surr: Toluene-d8</i>	99.3		70-130	%REC	1	6/3/2013 04:55 PM

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

Client: Weston Solutions, Inc

QC BATCH REPORT

Work Order: 1306009

Project: 20405.016.001.2063.00/Whirlpool Park Site

Batch ID: 48834

Instrument ID GC4

Method: SW8082

MBLK		Sample ID: PBLKS1-48834-48834				Units: µg/Kg		Analysis Date: 6/4/2013 06:42 PM			
Client ID:		Run ID: GC4_130604A				SeqNo: 2340329		Prep Date: 6/4/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Aroclor 1016	ND	40									
Aroclor 1221	ND	40									
Aroclor 1232	ND	40									
Aroclor 1242	ND	40									
Aroclor 1248	ND	40									
Aroclor 1254	ND	40									
Aroclor 1260	ND	40									
Surr: Decachlorobiphenyl	33	0	33.3	0	99.1	40-140	0				

LCS		Sample ID: PLCSS1-48834-48834				Units: µg/Kg		Analysis Date: 6/4/2013 07:02 PM			
Client ID:		Run ID: GC4_130604A				SeqNo: 2340330		Prep Date: 6/4/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Aroclor 1016	855	40	833	0	103	50-130	0				
Aroclor 1260	928	40	833	0	111	50-130	0				
Surr: Decachlorobiphenyl	33.33	0	33.3	0	100	40-140	0				

MS		Sample ID: 1306009-01B MS				Units: µg/Kg		Analysis Date: 6/4/2013 07:43 PM			
Client ID: TT5-053013W		Run ID: GC4_130604A				SeqNo: 2340332		Prep Date: 6/4/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Aroclor 1016	840	40	824.8	0	102	40-140	0				
Aroclor 1260	852.5	40	824.8	0	103	40-140	0				
Surr: Decachlorobiphenyl	26.4	0	32.97	0	80.1	40-140	0				

MSD		Sample ID: 1306009-01B MSD				Units: µg/Kg		Analysis Date: 6/4/2013 08:03 PM			
Client ID: TT5-053013W		Run ID: GC4_130604A				SeqNo: 2340333		Prep Date: 6/4/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Aroclor 1016	824.8	40	823.1	0	100	40-140	840	1.83	50		
Aroclor 1260	875.2	40	823.1	0	106	40-140	852.5	2.62	50		
Surr: Decachlorobiphenyl	27.67	0	32.91	0	84.1	40-140	26.4	4.67	50		

The following samples were analyzed in this batch:

1306009-01B	1306009-03B
-------------	-------------

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48835** Instrument ID **GC12** Method: **SW8081**

MBLK		Sample ID: PBLKS1-48835-48835				Units: µg/Kg		Analysis Date: 6/7/2013 03:19 PM		
Client ID:		Run ID: GC12_130607A			SeqNo: 2344623		Prep Date: 6/4/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
4,4'-DDD	ND	10								
4,4'-DDE	ND	10								
4,4'-DDT	ND	10								
Aldrin	ND	10								
alpha-BHC	ND	10								
alpha-Chlordane	ND	10								
beta-BHC	ND	10								
Chlordane, Technical	ND	25								
delta-BHC	ND	10								
Dieldrin	ND	10								
Endosulfan I	ND	10								
Endosulfan II	ND	10								
Endosulfan sulfate	ND	10								
Endrin	ND	10								
Endrin aldehyde	ND	10								
Endrin ketone	ND	10								
gamma-BHC (Lindane)	ND	10								
gamma-Chlordane	ND	10								
Heptachlor	ND	10								
Heptachlor epoxide	ND	10								
Methoxychlor	ND	10								
Toxaphene	ND	60								
<i>Surr: Decachlorobiphenyl</i>	35	0	33.3	0	105	45-135	0			
<i>Surr: Tetrachloro-m-xylene</i>	32	0	33.3	0	96.1	45-124	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48835** Instrument ID **GC12** Method: **SW8081**

LCS		Sample ID: PLCSS1-48835-48835				Units: µg/Kg		Analysis Date: 6/7/2013 03:35 PM		
Client ID:		Run ID: GC12_130607A			SeqNo: 2344624		Prep Date: 6/4/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
4,4'-DDD	36	10	33.33	0	108	30-135	0			
4,4'-DDE	38.33	10	33.33	0	115	70-125	0			
4,4'-DDT	45.67	10	33.33	0	137	45-140	0			
Aldrin	35	10	33.33	0	105	45-140	0			
alpha-BHC	36	10	33.33	0	108	60-125	0			
alpha-Chlordane	36.33	10	33.33	0	109	50-150	0			
beta-BHC	34.67	10	33.33	0	104	60-125	0			
delta-BHC	38	10	33.33	0	114	55-130	0			
Dieldrin	37.67	10	33.33	0	113	65-125	0			
Endosulfan I	36.33	10	33.33	0	109	15-135	0			
Endosulfan II	39.33	10	33.33	0	118	35-140	0			
Endosulfan sulfate	36	10	33.33	0	108	60-135	0			
Endrin	39.67	10	33.33	0	119	60-135	0			
Endrin aldehyde	28	10	33.33	0	84	35-145	0			
Endrin ketone	36.67	10	33.33	0	110	50-150	0			
gamma-BHC (Lindane)	37	10	33.33	0	111	60-125	0			
gamma-Chlordane	36.67	10	33.33	0	110	50-150	0			
Heptachlor	42	10	33.33	0	126	50-140	0			
Heptachlor epoxide	36.67	10	33.33	0	110	65-130	0			
Methoxychlor	44	10	33.33	0	132	55-145	0			
<i>Surr: Decachlorobiphenyl</i>	36	0	33.3	0	108	45-135	0			
<i>Surr: Tetrachloro-m-xylene</i>	32	0	33.3	0	96.1	45-124	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48835** Instrument ID **GC12** Method: **SW8081**

MS		Sample ID: 1306009-01B MS				Units: µg/Kg		Analysis Date: 6/7/2013 04:06 PM		
Client ID: TT5-053013W		Run ID: GC12_130607A				SeqNo: 2344619		Prep Date: 6/4/2013		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
4,4'-DDD	32	96	32	0	100	30-135	0			J
4,4'-DDE	41.6	96	32	0	130	70-125	0			JS
4,4'-DDT	44.8	96	32	0	140	45-140	0			JS
Aldrin	28.8	96	32	0	90	45-140	0			J
alpha-BHC	ND	96	32	0	0	60-125	0			S
alpha-Chlordane	35.2	96	32	0	110	50-150	0			J
beta-BHC	ND	96	32	0	0	60-125	0			S
delta-BHC	ND	96	32	0	0	55-130	0			S
Dieldrin	35.2	96	32	0	110	65-125	0			J
Endosulfan I	32	96	32	0	100	15-135	0			J
Endosulfan II	35.2	96	32	0	110	35-140	0			J
Endosulfan sulfate	ND	96	32	0	0	60-135	0			S
Endrin	38.4	96	32	0	120	60-135	0			J
Endrin aldehyde	ND	96	32	0	0	35-145	0			S
Endrin ketone	ND	96	32	0	0	50-150	0			S
gamma-BHC (Lindane)	ND	96	32	0	0	60-125	0			S
gamma-Chlordane	35.2	96	32	0	110	50-150	0			J
Heptachlor	ND	96	32	0	0	50-140	0			S
Heptachlor epoxide	32	96	32	0	100	65-130	0			J
Methoxychlor	38.4	96	32	0	120	55-145	0			J
<i>Surr: Decachlorobiphenyl</i>	22.4	0	31.97	0	70.1	45-135	0			
<i>Surr: Tetrachloro-m-xylene</i>	28.8	0	31.97	0	90.1	45-124	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48835** Instrument ID **GC12** Method: **SW8081**

MSD		Sample ID: 1306009-01B MSD				Units: µg/Kg		Analysis Date: 6/7/2013 04:21 PM		
Client ID: TT5-053013W		Run ID: GC12_130607A				SeqNo: 2344620		Prep Date: 6/4/2013		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
4,4'-DDD	35.8	98	32.54	0	110	30-135	32	0	35	J
4,4'-DDE	52.07	98	32.54	0	160	70-125	41.6	0	35	JS
4,4'-DDT	52.07	98	32.54	0	160	45-140	44.8	0	35	JS
Aldrin	32.54	98	32.54	0	100	45-140	28.8	0	35	J
alpha-BHC	32.54	98	32.54	0	100	60-125	28.8	0	35	J
alpha-Chlordane	35.8	98	32.54	0	110	50-150	35.2	0	35	J
beta-BHC	ND	98	32.54	0	0	60-125	35.2	0	35	S
delta-BHC	ND	98	32.54	0	0	55-130	32	0	35	S
Dieldrin	45.56	98	32.54	0	140	65-125	35.2	0	35	JS
Endosulfan I	35.8	98	32.54	0	110	15-135	32	0	35	J
Endosulfan II	35.8	98	32.54	0	110	35-140	35.2	0	35	J
Endosulfan sulfate	16.27	98	32.54	0	50	60-135	9.6	0	35	JS
Endrin	39.05	98	32.54	0	120	60-135	38.4	0	35	J
Endrin aldehyde	ND	98	32.54	0	0	35-145	19.2	0	35	S
Endrin ketone	39.05	98	32.54	0	120	50-150	35.2	0	35	J
gamma-BHC (Lindane)	ND	98	32.54	0	0	60-125	32	0	35	S
gamma-Chlordane	35.8	98	32.54	0	110	50-150	35.2	0	35	J
Heptachlor	ND	98	32.54	0	0	50-140	38.4	0	35	S
Heptachlor epoxide	35.8	98	32.54	0	110	65-130	32	0	35	J
Methoxychlor	39.05	98	32.54	0	120	55-145	38.4	0	35	J
<i>Surr: Decachlorobiphenyl</i>	26.03	0	32.51	0	80.1	45-135	22.4	15	35	
<i>Surr: Tetrachloro-m-xylene</i>	35.8	0	32.51	0	110	45-124	28.8	21.7	35	

The following samples were analyzed in this batch:

1306009-01B	1306009-03B
-------------	-------------

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48837 Instrument ID GC12 Method: SW8081

MBLK		Sample ID: PBLKW1-48837-48837				Units: µg/L		Analysis Date: 6/5/2013 10:14 PM		
Client ID:		Run ID: GC12_130605B				SeqNo: 2344602		Prep Date: 6/4/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chlordane, Technical	ND	1.0								
Endrin	ND	0.050								
gamma-BHC (Lindane)	ND	0.050								
Heptachlor	ND	0.050								
Methoxychlor	ND	0.050								
Toxaphene	ND	4.0								
Surr: Decachlorobiphenyl	0.058	0	0.1	0	58	30-135	0			
Surr: Tetrachloro-m-xylene	0.049	0	0.1	0	49	25-140	0			

LCS		Sample ID: PLCSW1-48837-48837				Units: µg/L		Analysis Date: 6/5/2013 10:30 PM		
Client ID:		Run ID: GC12_130605B				SeqNo: 2344603		Prep Date: 6/4/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Endrin	0.071	0.050	0.1	0	71	55-135	0			
gamma-BHC (Lindane)	0.066	0.050	0.1	0	66	25-135	0			
Heptachlor	0.071	0.050	0.1	0	71	40-130	0			
Methoxychlor	0.075	0.050	0.1	0	75	55-150	0			
Surr: Decachlorobiphenyl	0.05	0	0.1	0	50	30-135	0			
Surr: Tetrachloro-m-xylene	0.044	0	0.1	0	44	25-140	0			

MS		Sample ID: 1306009-02A MS				Units: µg/L		Analysis Date: 6/5/2013 11:32 PM		
Client ID: TT5-053013W		Run ID: GC12_130605B				SeqNo: 2344599		Prep Date: 6/4/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Endrin	1.5	1.0	2	0	75	55-135	0			
gamma-BHC (Lindane)	1.28	1.0	2	0	64	25-135	0			
Heptachlor	1.44	1.0	2	0	72	40-130	0			
Methoxychlor	1.58	1.0	2	0	79	55-150	0			
Surr: Decachlorobiphenyl	1.12	0	2	0	56	30-135	0			
Surr: Tetrachloro-m-xylene	0.88	0	2	0	44	25-140	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306009
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48837** Instrument ID **GC12** Method: **SW8081**

MSD		Sample ID: 1306009-02A MSD				Units: µg/L		Analysis Date: 6/5/2013 11:48 PM		
Client ID: TT5-053013W		Run ID: GC12_130605B		SeqNo: 2344600		Prep Date: 6/4/2013		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Endrin	1.26	1.0	2	0	63	55-135	1.5	17.4	35	
gamma-BHC (Lindane)	1.24	1.0	2	0	62	25-135	1.28	3.17	35	
Heptachlor	1.38	1.0	2	0	69	40-130	1.44	4.26	35	
Methoxychlor	1.6	1.0	2	0	80	55-150	1.58	1.26	35	
<i>Surr: Decachlorobiphenyl</i>	1.06	0	2	0	53	30-135	1.12	5.5	35	
<i>Surr: Tetrachloro-m-xylene</i>	0.84	0	2	0	42	25-140	0.88	4.65	35	

The following samples were analyzed in this batch: 1306009-02A 1306009-04A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48888** Instrument ID **GC12** Method: **SW8151**

MBLK		Sample ID: HBLKW1-48888-48888			Units: µg/L		Analysis Date: 6/11/2013 01:36 AM			
Client ID:		Run ID: GC12_130610A			SeqNo: 2346236		Prep Date: 6/6/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-TP (Silvex)	ND	5.0								
2,4-D	ND	5.0								
<i>Surr: DCAA</i>	48.9	0	50	0	97.8	30-150	0			

LCS		Sample ID: HLC SW1-48888-48888			Units: µg/L		Analysis Date: 6/11/2013 01:50 AM			
Client ID:		Run ID: GC12_130610A			SeqNo: 2346237		Prep Date: 6/6/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-TP (Silvex)	49.5	5.0	50	0	99	50-150	0			
2,4-D	45.1	5.0	50	0	90.2	50-150	0			
<i>Surr: DCAA</i>	45.1	0	50	0	90.2	30-150	0			

MS		Sample ID: 1306009-02A MS			Units: µg/L		Analysis Date: 6/11/2013 02:17 AM			
Client ID: TT5-053013W		Run ID: GC12_130610A			SeqNo: 2346233		Prep Date: 6/6/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-TP (Silvex)	51.5	5.0	50	0	103	50-150	0			
2,4-D	50.3	5.0	50	6.7	87.2	50-150	0			
<i>Surr: DCAA</i>	52.3	0	50	0	105	30-150	0			

MSD		Sample ID: 1306009-02A MSD			Units: µg/L		Analysis Date: 6/11/2013 02:31 AM			
Client ID: TT5-053013W		Run ID: GC12_130610A			SeqNo: 2346234		Prep Date: 6/6/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-TP (Silvex)	49	5.0	50	0	98	50-150	51.5	4.98	30	
2,4-D	49.3	5.0	50	6.7	85.2	50-150	50.3	2.01	30	
<i>Surr: DCAA</i>	52.5	0	50	0	105	30-150	52.3	0.382	30	

The following samples were analyzed in this batch:

1306009-02A	1306009-04A
-------------	-------------

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48889** Instrument ID **GC12** Method: **SW8151**

MBLK		Sample ID: HBLKW1-48889-48889			Units: µg/Kg			Analysis Date: 6/11/2013 03:25 AM		
Client ID:		Run ID: GC12_130610A			SeqNo: 2346243			Prep Date: 6/6/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-T	ND	50								
2,4,5-TP (Silvex)	ND	50								
2,4-D	ND	50								
<i>Surr: DCAA</i>	<i>503</i>	<i>0</i>	<i>500</i>	<i>0</i>	<i>101</i>	<i>30-150</i>	<i>0</i>			

LCS		Sample ID: HLCSW1-48889-48889			Units: µg/Kg			Analysis Date: 6/11/2013 03:38 AM		
Client ID:		Run ID: GC12_130610A			SeqNo: 2346244			Prep Date: 6/6/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-T	522	50	500	0	104	30-150	0			
2,4,5-TP (Silvex)	473	50	500	0	94.6	30-150	0			
2,4-D	505	50	500	0	101	20-130	0			
<i>Surr: DCAA</i>	<i>511</i>	<i>0</i>	<i>500</i>	<i>0</i>	<i>102</i>	<i>30-150</i>	<i>0</i>			

MS		Sample ID: 1306009-01B MS			Units: µg/Kg			Analysis Date: 6/11/2013 04:05 AM		
Client ID: TT5-053013W		Run ID: GC12_130610A			SeqNo: 2346239			Prep Date: 6/6/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-T	94.66	9.4	93.72	0	101	30-150	0			
2,4,5-TP (Silvex)	91.1	9.4	93.72	0	97.2	30-150	0			
2,4-D	142.1	9.4	93.72	0	152	20-130	0			S
<i>Surr: DCAA</i>	<i>92.78</i>	<i>0</i>	<i>93.72</i>	<i>0</i>	<i>99</i>	<i>30-150</i>	<i>0</i>			

MSD		Sample ID: 1306009-01B MSD			Units: µg/Kg			Analysis Date: 6/11/2013 04:19 AM		
Client ID: TT5-053013W		Run ID: GC12_130610A			SeqNo: 2346240			Prep Date: 6/6/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-T	92.09	9.7	96.94	0	95	30-150	94.66	2.75	30	
2,4,5-TP (Silvex)	86.27	9.7	96.94	0	89	30-150	91.1	5.44	30	
2,4-D	90.93	9.7	96.94	0	93.8	20-130	142.1	43.9	30	R
<i>Surr: DCAA</i>	<i>93.06</i>	<i>0</i>	<i>96.94</i>	<i>0</i>	<i>96</i>	<i>30-150</i>	<i>92.78</i>	<i>0.297</i>	<i>30</i>	

The following samples were analyzed in this batch: | 1306009-01B | 1306009-03B |

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48812** Instrument ID **HG1** Method: **SW7471**

MBLK	Sample ID: MBLK-48812-48812		Units: mg/Kg		Analysis Date: 6/3/2013 04:05 PM					
Client ID:	Run ID: HG1_130603A		SeqNo: 2338187		Prep Date: 6/3/2013 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury ND 0.020

LCS	Sample ID: LCS-48812-48812		Units: mg/Kg		Analysis Date: 6/3/2013 04:07 PM					
Client ID:	Run ID: HG1_130603A		SeqNo: 2338188		Prep Date: 6/3/2013 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1788 0.020 0.1665 0 107 80-120 0

MS	Sample ID: 13051126-02BMS		Units: mg/Kg		Analysis Date: 6/3/2013 04:13 PM					
Client ID:	Run ID: HG1_130603A		SeqNo: 2338191		Prep Date: 6/3/2013 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1468 0.015 0.1243 0.01405 107 75-125 0

MSD	Sample ID: 13051126-02BMSD		Units: mg/Kg		Analysis Date: 6/3/2013 04:15 PM					
Client ID:	Run ID: HG1_130603A		SeqNo: 2338192		Prep Date: 6/3/2013 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1476 0.015 0.1229 0.01405 109 75-125 0.1468 0.568 35

The following samples were analyzed in this batch: 1306009-01B 1306009-03B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48876** Instrument ID **HG1** Method: **SW7470**

MBLK	Sample ID: MBLK-48876-48876		Units: mg/L		Analysis Date: 6/6/2013 01:32 PM					
Client ID:	Run ID: HG1_130606A		SeqNo: 2341763		Prep Date: 6/5/2013 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury ND 0.00020

LCS	Sample ID: LCS-48876-48876		Units: mg/L		Analysis Date: 6/6/2013 01:34 PM					
Client ID:	Run ID: HG1_130606A		SeqNo: 2341764		Prep Date: 6/5/2013 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.001893 0.00020 0.002 0 94.6 80-120 0

MS	Sample ID: 1306009-04AMS		Units: mg/L		Analysis Date: 6/6/2013 02:01 PM					
Client ID: S14-0001W	Run ID: HG1_130606A		SeqNo: 2341777		Prep Date: 6/5/2013 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.02032 0.0020 0.02 -0.00011 102 75-125 0

MSD	Sample ID: 1306009-04AMSD		Units: mg/L		Analysis Date: 6/6/2013 02:03 PM					
Client ID: S14-0001W	Run ID: HG1_130606A		SeqNo: 2341778		Prep Date: 6/5/2013 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.01909 0.0020 0.02 -0.00011 96 75-125 0.02032 6.24 20

The following samples were analyzed in this batch: 1306009-02A 1306009-04A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306009
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48870** Instrument ID **ICPMS2** Method: **SW6020A**

MBLK		Sample ID: MBLK-48870-48870			Units: mg/L			Analysis Date: 6/6/2013 11:36 AM		
Client ID:		Run ID: ICPMS2_130606A			SeqNo: 2341814		Prep Date: 6/5/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.0050								
Barium	ND	0.0050								
Cadmium	ND	0.0020								
Chromium	ND	0.0050								
Lead	ND	0.0050								
Selenium	ND	0.0050								
Silver	ND	0.0050								

LCS		Sample ID: LCS-48870-48870			Units: mg/L			Analysis Date: 6/6/2013 11:41 AM		
Client ID:		Run ID: ICPMS2_130606A			SeqNo: 2341815		Prep Date: 6/5/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.1021	0.0050	0.1	0	102	80-120		0		
Barium	0.09944	0.0050	0.1	0	99.4	80-120		0		
Cadmium	0.09983	0.0020	0.1	0	99.8	80-120		0		
Chromium	0.1005	0.0050	0.1	0	100	80-120		0		
Lead	0.09727	0.0050	0.1	0	97.3	80-120		0		
Selenium	0.1005	0.0050	0.1	0	100	80-120		0		
Silver	0.1067	0.0050	0.1	0	107	80-120		0		

MS		Sample ID: 13051198-06BMS			Units: mg/L			Analysis Date: 6/6/2013 11:56 AM		
Client ID:		Run ID: ICPMS2_130606A			SeqNo: 2341818		Prep Date: 6/5/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.1038	0.0050	0.1	0.0007334	103	75-125		0		
Barium	0.1254	0.0050	0.1	0.02522	100	75-125		0		
Cadmium	0.1006	0.0020	0.1	0.000007845	101	75-125		0		
Chromium	0.1	0.0050	0.1	0.0005004	99.5	75-125		0		
Lead	0.09943	0.0050	0.1	0.00006342	99.4	75-125		0		
Selenium	0.1007	0.0050	0.1	0.0003472	100	75-125		0		
Silver	0.1031	0.0050	0.1	0.00001967	103	75-125		0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306009
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48870** Instrument ID **ICPMS2** Method: **SW6020A**

MSD		Sample ID: 13051198-06BMSD				Units: mg/L		Analysis Date: 6/6/2013 12:01 PM		
Client ID:		Run ID: ICPMS2_130606A			SeqNo: 2341819		Prep Date: 6/5/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.1039	0.0050	0.1	0.0007334	103	75-125	0.1038	0.0963	20	
Barium	0.1251	0.0050	0.1	0.02522	99.9	75-125	0.1254	0.24	20	
Cadmium	0.09998	0.0020	0.1	0.000007845	100	75-125	0.1006	0.618	20	
Chromium	0.09974	0.0050	0.1	0.0005004	99.2	75-125	0.1	0.26	20	
Lead	0.09935	0.0050	0.1	0.00006342	99.3	75-125	0.09943	0.0805	20	
Selenium	0.1006	0.0050	0.1	0.0003472	100	75-125	0.1007	0.0994	20	
Silver	0.1026	0.0050	0.1	0.00001967	103	75-125	0.1031	0.486	20	

The following samples were analyzed in this batch:

1306009-02A	1306009-04A
-------------	-------------

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48873** Instrument ID **ICPMS1** Method: **SW6020A**

MBLK		Sample ID: MBLK-48873-48873			Units: mg/Kg			Analysis Date: 6/6/2013 11:50 AM		
Client ID:		Run ID: ICPMS1_130606A			SeqNo: 2341580		Prep Date: 6/5/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.002701	0.25								J
Arsenic	ND	0.25								
Barium	ND	0.25								
Cadmium	ND	0.10								
Calcium	ND	25								
Chromium	ND	0.25								
Cobalt	ND	0.25								
Copper	ND	0.25								
Iron	2.008	4.0								J
Lead	ND	0.25								
Magnesium	0.557	10								J
Manganese	ND	0.25								
Nickel	ND	0.25								
Potassium	ND	10								
Selenium	ND	0.25								
Silver	0.001112	0.25								J
Sodium	ND	10								
Thallium	ND	0.25								
Vanadium	ND	0.25								
Zinc	0.0981	0.50								J

MBLK		Sample ID: MBLK-48873-48873			Units: mg/Kg			Analysis Date: 6/6/2013 04:11 PM		
Client ID:		Run ID: ICPMS1_130606A			SeqNo: 2342328		Prep Date: 6/5/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Beryllium	ND	0.10								
Boron	ND	1.0								

MBLK		Sample ID: MBLK-48873-48873			Units: mg/Kg			Analysis Date: 6/7/2013 12:29 PM		
Client ID:		Run ID: ICPMS1_130607A			SeqNo: 2343033		Prep Date: 6/5/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.1147	0.50								J

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48873** Instrument ID **ICPMS1** Method: **SW6020A**

LCS		Sample ID: LCS-48873-48873			Units: mg/Kg			Analysis Date: 6/6/2013 11:56 AM		
Client ID:		Run ID: ICPMS1_130606A			SeqNo: 2341581		Prep Date: 6/5/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	5.255	0.50	5	0	105	80-120	0			B
Antimony	4.706	0.25	5	0	94.1	80-120	0			
Arsenic	4.375	0.25	5	0	87.5	80-120	0			
Barium	4.858	0.25	5	0	97.2	80-120	0			
Cadmium	4.621	0.10	5	0	92.4	80-120	0			
Calcium	437	25	500	0	87.4	80-120	0			
Chromium	4.702	0.25	5	0	94	80-120	0			
Cobalt	4.59	0.25	5	0	91.8	80-120	0			
Copper	4.696	0.25	5	0	93.9	80-120	0			
Iron	483.9	4.0	500	0	96.8	80-120	0			
Lead	5	0.25	5	0	100	80-120	0			
Magnesium	451.7	10	500	0	90.3	80-120	0			
Manganese	4.79	0.25	5	0	95.8	80-120	0			
Nickel	4.61	0.25	5	0	92.2	80-120	0			
Potassium	451.4	10	500	0	90.3	80-120	0			
Selenium	4.246	0.25	5	0	84.9	80-120	0			
Silver	5.165	0.25	5	0	103	80-120	0			
Sodium	447	10	500	0	89.4	80-120	0			
Thallium	4.718	0.25	5	0	94.4	80-120	0			
Vanadium	4.7	0.25	5	0	94	80-120	0			
Zinc	4.457	0.50	5	0	89.1	80-120	0			

LCS		Sample ID: LCS-48873-48873			Units: mg/Kg			Analysis Date: 6/6/2013 04:17 PM		
Client ID:		Run ID: ICPMS1_130606A			SeqNo: 2342329		Prep Date: 6/5/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Beryllium	4.838	0.10	5	0	96.8	80-120	0			
Boron	20.78	1.0	25	0	83.1	80-120	0			

LCS		Sample ID: LCS-48873-48873			Units: mg/Kg			Analysis Date: 6/7/2013 12:35 PM		
Client ID:		Run ID: ICPMS1_130607A			SeqNo: 2343034		Prep Date: 6/5/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	5.155	0.50	5	0	103	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48873** Instrument ID **ICPMS1** Method: **SW6020A**

MS		Sample ID: 1306012-01CMS				Units: mg/Kg		Analysis Date: 6/6/2013 12:08 PM		
Client ID:		Run ID: ICPMS1_130606A				SeqNo: 2341583		Prep Date: 6/5/2013		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	5.859	3.8	7.68	0.0454	75.7	75-125	0			
Barium	156.9	3.8	7.68	136.3	268	75-125	0			SO
Calcium	1862	380	768	1027	109	75-125	0			
Chromium	21.04	3.8	7.68	9.82	146	75-125	0			S
Cobalt	10.28	3.8	7.68	2.585	100	75-125	0			
Copper	16.87	3.8	7.68	8.044	115	75-125	0			
Iron	17060	61	768	15410	214	75-125	0			SO
Lead	14.64	3.8	7.68	7.293	95.6	75-125	0			
Magnesium	2651	150	768	1333	172	75-125	0			S
Manganese	170.4	3.8	7.68	174.3	-50.8	75-125	0			SO
Nickel	18.03	3.8	7.68	7.808	133	75-125	0			S
Potassium	1440	150	768	397.8	136	75-125	0			S
Selenium	7.711	3.8	7.68	0.456	94.5	75-125	0			
Silver	8.425	3.8	7.68	0.01297	110	75-125	0			
Thallium	7.339	3.8	7.68	0.05209	94.9	75-125	0			
Vanadium	29.11	3.8	7.68	16.72	161	75-125	0			S
Zinc	53.37	7.7	7.68	31.7	282	75-125	0			SO

MS		Sample ID: 1306012-01CMS				Units: mg/Kg		Analysis Date: 6/6/2013 04:40 PM		
Client ID:		Run ID: ICPMS1_130606A				SeqNo: 2342333		Prep Date: 6/5/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cadmium	6.879	0.15	7.68	0.04502	89	75-125	0			
Sodium	758.7	15	768	50.8	92.2	75-125	0			

MS		Sample ID: 1306012-01CMS				Units: mg/Kg		Analysis Date: 6/7/2013 12:47 PM		
Client ID:		Run ID: ICPMS1_130607A				SeqNo: 2343036		Prep Date: 6/5/2013		DF: 200
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	12380	150	7.68	9235	41000	75-125	0			SO

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48873** Instrument ID **ICPMS1** Method: **SW6020A**

MSD		Sample ID: 1306012-01CMSD				Units: mg/Kg		Analysis Date: 6/6/2013 12:14 PM		
Client ID:		Run ID: ICPMS1_130606A				SeqNo: 2341584		Prep Date: 6/5/2013		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	5.85	3.9	7.728	0.0454	75.1	75-125	4.813	0	25	
Barium	114.6	3.9	7.728	136.3	-281	75-125	144	0	25	SO
Calcium	1792	390	772.8	1027	99.1	75-125	1816	0	25	
Chromium	21.72	3.9	7.728	9.82	154	75-125	18.51	0	25	S
Cobalt	11	3.9	7.728	2.585	109	75-125	8.971	0	25	
Copper	17.81	3.9	7.728	8.044	126	75-125	14.04	0	25	S
Iron	19100	62	772.8	15410	477	75-125	14670	0	25	SO
Lead	15.32	3.9	7.728	7.293	104	75-125	14.2	0	25	
Magnesium	2549	150	772.8	1333	157	75-125	2313	0	25	S
Manganese	244.4	3.9	7.728	174.3	908	75-125	155.5	0	25	SO
Nickel	18.06	3.9	7.728	7.808	133	75-125	15.38	0	25	S
Potassium	1397	150	772.8	397.8	129	75-125	1307	0	25	S
Selenium	7.438	3.9	7.728	0.456	90.3	75-125	6.242	0	25	
Silver	8.462	3.9	7.728	0.01297	109	75-125	6.885	0	25	
Thallium	7.151	3.9	7.728	0.05209	91.9	75-125	7.187	0	25	
Vanadium	31.68	3.9	7.728	16.72	194	75-125	26.39	0	25	S
Zinc	53.43	7.7	7.728	31.7	281	75-125	40.97	0	25	SO

MSD		Sample ID: 1306012-01CMSD				Units: mg/Kg		Analysis Date: 6/6/2013 04:46 PM		
Client ID:		Run ID: ICPMS1_130606A				SeqNo: 2342334		Prep Date: 6/5/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cadmium	7.092	0.15	7.728	0.04502	91.2	75-125	6.879	3.05	25	
Sodium	765.2	15	772.8	50.8	92.4	75-125	758.7	0.859	25	

MSD		Sample ID: 1306012-01CMSD				Units: mg/Kg		Analysis Date: 6/7/2013 12:53 PM		
Client ID:		Run ID: ICPMS1_130607A				SeqNo: 2343037		Prep Date: 6/5/2013		DF: 200
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	12570	150	7.728	9235	43200	75-125	12380	1.49	25	SO

The following samples were analyzed in this batch: 1306009-01B 1306009-03B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306009
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48806** Instrument ID **SVMS7** Method: **SW8270**

MBLK		Sample ID: SBLKS1-48806-48806			Units: µg/Kg		Analysis Date: 6/4/2013 10:18 AM			
Client ID:		Run ID: SVMS7_130604A			SeqNo: 2338922		Prep Date: 6/3/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	ND	330								
2,4,5-Trichlorophenol	ND	160								
2,4,6-Trichlorophenol	ND	160								
2,4-Dichlorophenol	ND	160								
2,4-Dimethylphenol	ND	330								
2,4-Dinitrophenol	ND	660								
2,4-Dinitrotoluene	ND	160								
2,6-Dinitrotoluene	ND	160								
2-Chloronaphthalene	ND	80								
2-Chlorophenol	ND	160								
2-Methylnaphthalene	ND	80								
2-Methylphenol	ND	160								
2-Nitroaniline	ND	660								
2-Nitrophenol	ND	160								
3,3'-Dichlorobenzidine	ND	660								
3-Nitroaniline	ND	660								
4,6-Dinitro-2-methylphenol	ND	330								
4-Bromophenyl phenyl ether	ND	160								
4-Chloro-3-methylphenol	ND	160								
4-Chloroaniline	ND	660								
4-Chlorophenyl phenyl ether	ND	160								
4-Methylphenol	ND	160								
4-Nitroaniline	ND	660								
4-Nitrophenol	ND	660								
Acenaphthene	ND	30								
Acenaphthylene	ND	30								
Acetophenone	ND	330								
Anthracene	ND	30								
Atrazine	ND	330								
Benzaldehyde	ND	330								
Benzo(a)anthracene	ND	30								
Benzo(a)pyrene	ND	30								
Benzo(b)fluoranthene	ND	30								
Benzo(g,h,i)perylene	ND	30								
Benzo(k)fluoranthene	ND	30								
Bis(2-chloroethoxy)methane	ND	160								
Bis(2-chloroethyl)ether	ND	160								
Bis(2-chloroisopropyl)ether	ND	160								
Bis(2-ethylhexyl)phthalate	43	330								J
Butyl benzyl phthalate	36.67	160								J
Caprolactam	ND	330								
Carbazole	ND	160								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306009
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48806	Instrument ID SVMS7	Method: SW8270						
Chrysene	ND	30						
Dibenzo(a,h)anthracene	ND	30						
Dibenzofuran	ND	160						
Diethyl phthalate	ND	330						
Dimethyl phthalate	ND	330						
Di-n-butyl phthalate	ND	330						
Di-n-octyl phthalate	ND	160						
Fluoranthene	ND	30						
Fluorene	ND	30						
Hexachlorobenzene	ND	160						
Hexachlorobutadiene	ND	160						
Hexachlorocyclopentadiene	ND	330						
Hexachloroethane	ND	160						
Indeno(1,2,3-cd)pyrene	ND	30						
Isophorone	ND	160						
Naphthalene	ND	30						
Nitrobenzene	ND	160						
N-Nitrosodi-n-propylamine	ND	160						
N-Nitrosodiphenylamine	ND	160						
Pentachlorophenol	ND	330						
Phenanthrene	ND	30						
Phenol	ND	160						
Pyrene	ND	30						
<i>Surr: 2,4,6-Tribromophenol</i>	1021	0	1667	0	61.3	34-140	0	
<i>Surr: 2-Fluorobiphenyl</i>	1297	0	1667	0	77.8	12-100	0	
<i>Surr: 2-Fluorophenol</i>	1473	0	1667	0	88.4	33-117	0	
<i>Surr: 4-Terphenyl-d14</i>	1989	0	1667	0	119	25-137	0	
<i>Surr: Nitrobenzene-d5</i>	1191	0	1667	0	71.5	37-107	0	
<i>Surr: Phenol-d6</i>	1340	0	1667	0	80.4	40-106	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48806** Instrument ID **SVMS7** Method: **SW8270**

LCS		Sample ID: SLCSS1-48806-48806				Units: µg/Kg		Analysis Date: 6/4/2013 09:33 AM		
Client ID:		Run ID: SVMS7_130604A				SeqNo: 2338921		Prep Date: 6/3/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	502	160	666.7	0	75.3	50-110	0			
2,4,6-Trichlorophenol	462.7	160	666.7	0	69.4	45-110	0			
2,4-Dichlorophenol	498.3	160	666.7	0	74.7	45-110	0			
2,4-Dimethylphenol	485.7	330	666.7	0	72.8	30-105	0			
2,4-Dinitrophenol	473.3	660	666.7	0	71	15-130	0			J
2,4-Dinitrotoluene	530.7	160	666.7	0	79.6	50-115	0			
2,6-Dinitrotoluene	518	160	666.7	0	77.7	50-110	0			
2-Chloronaphthalene	521.7	80	666.7	0	78.2	45-105	0			
2-Chlorophenol	556.7	160	666.7	0	83.5	45-105	0			
2-Methylnaphthalene	534.7	80	666.7	0	80.2	45-105	0			
2-Methylphenol	552	160	666.7	0	82.8	40-105	0			
2-Nitroaniline	555	660	666.7	0	83.2	45-120	0			J
2-Nitrophenol	479	160	666.7	0	71.8	40-110	0			
3-Nitroaniline	311.7	660	666.7	0	46.7	25-150	0			J
4-Bromophenyl phenyl ether	542.3	160	666.7	0	81.3	45-115	0			
4-Chloro-3-methylphenol	516.3	160	666.7	0	77.4	45-115	0			
4-Chloroaniline	362.3	660	666.7	0	54.3	15-110	0			J
4-Chlorophenyl phenyl ether	547.3	160	666.7	0	82.1	45-110	0			
4-Methylphenol	511.3	160	666.7	0	76.7	40-105	0			
4-Nitroaniline	306	660	666.7	0	45.9	35-150	0			J
4-Nitrophenol	412	660	666.7	0	61.8	15-140	0			J
Acenaphthene	491.7	30	666.7	0	73.7	45-110	0			
Acenaphthylene	518	30	666.7	0	77.7	45-105	0			
Anthracene	563	30	666.7	0	84.4	55-105	0			
Benzo(a)anthracene	573.3	30	666.7	0	86	50-110	0			
Benzo(a)pyrene	563.3	30	666.7	0	84.5	50-110	0			
Benzo(b)fluoranthene	653.7	30	666.7	0	98	45-115	0			
Benzo(g,h,i)perylene	599.3	30	666.7	0	89.9	40-125	0			
Benzo(k)fluoranthene	637.3	30	666.7	0	95.6	45-115	0			
Bis(2-chloroethoxy)methane	483.7	160	666.7	0	72.5	45-110	0			
Bis(2-chloroethyl)ether	463	160	666.7	0	69.4	40-105	0			
Bis(2-chloroisopropyl)ether	501	160	666.7	0	75.1	20-115	0			
Bis(2-ethylhexyl)phthalate	605.3	330	666.7	0	90.8	45-125	0			
Butyl benzyl phthalate	590.7	160	666.7	0	88.6	50-125	0			
Carbazole	579	160	666.7	0	86.8	50-150	0			
Chrysene	606	30	666.7	0	90.9	55-110	0			
Dibenzo(a,h)anthracene	606	30	666.7	0	90.9	40-125	0			
Dibenzofuran	523.7	160	666.7	0	78.5	50-105	0			
Diethyl phthalate	532.7	330	666.7	0	79.9	50-115	0			
Dimethyl phthalate	542.3	330	666.7	0	81.3	50-110	0			
Di-n-butyl phthalate	628.3	330	666.7	0	94.2	55-110	0			
Di-n-octyl phthalate	739.3	160	666.7	0	111	40-130	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306009
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48806	Instrument ID SVMS7	Method: SW8270					
Fluoranthene	580.7	30	666.7	0	87.1	55-115	0
Fluorene	524.7	30	666.7	0	78.7	50-110	0
Hexachlorobenzene	581	160	666.7	0	87.1	45-120	0
Hexachlorobutadiene	515.7	160	666.7	0	77.3	40-115	0
Hexachlorocyclopentadiene	529	330	666.7	0	79.3	40-115	0
Hexachloroethane	487	160	666.7	0	73	35-110	0
Indeno(1,2,3-cd)pyrene	628	30	666.7	0	94.2	40-120	0
Isophorone	493.3	160	666.7	0	74	45-110	0
Naphthalene	485.3	30	666.7	0	72.8	40-105	0
Nitrobenzene	539.7	160	666.7	0	80.9	40-115	0
N-Nitrosodi-n-propylamine	518.3	160	666.7	0	77.7	40-115	0
N-Nitrosodiphenylamine	583	160	666.7	0	87.4	50-115	0
Pentachlorophenol	557.3	330	666.7	0	83.6	25-120	0
Phenanthrene	542	30	666.7	0	81.3	50-110	0
Phenol	504.7	160	666.7	0	75.7	40-100	0
Pyrene	635.3	30	666.7	0	95.3	45-125	0
<i>Surr: 2,4,6-Tribromophenol</i>	1231	0	1667	0	73.8	34-140	0
<i>Surr: 2-Fluorobiphenyl</i>	1313	0	1667	0	78.8	12-100	0
<i>Surr: 2-Fluorophenol</i>	1411	0	1667	0	84.7	33-117	0
<i>Surr: 4-Terphenyl-d14</i>	2058	0	1667	0	123	25-137	0
<i>Surr: Nitrobenzene-d5</i>	1208	0	1667	0	72.5	37-107	0
<i>Surr: Phenol-d6</i>	1340	0	1667	0	80.4	40-106	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48806** Instrument ID **SVMS7** Method: **SW8270**

MS		Sample ID: 1306012-04C MS			Units: µg/Kg			Analysis Date: 6/4/2013 11:24 AM		
Client ID:		Run ID: SVMS7_130604A			SeqNo: 2338923		Prep Date: 6/3/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	1041	320	1325	0	78.6	50-110	0			
2,4,6-Trichlorophenol	942	320	1325	0	71.1	45-110	0			
2,4-Dichlorophenol	1021	320	1325	0	77	45-110	0			
2,4-Dimethylphenol	893.7	660	1325	0	67.4	30-105	0			
2,4-Dinitrophenol	1018	1,300	1325	0	76.8	15-130	0			J
2,4-Dinitrotoluene	1038	320	1325	0	78.3	50-115	0			
2,6-Dinitrotoluene	1041	320	1325	0	78.6	50-110	0			
2-Chloronaphthalene	1057	160	1325	0	79.8	45-105	0			
2-Chlorophenol	1150	320	1325	0	86.8	45-105	0			
2-Methylnaphthalene	1086	160	1325	0	81.9	45-105	0			
2-Methylphenol	1092	320	1325	0	82.4	40-105	0			
2-Nitroaniline	1131	1,300	1325	0	85.3	45-120	0			J
2-Nitrophenol	993	320	1325	0	74.9	40-110	0			
3-Nitroaniline	642.6	1,300	1325	0	48.5	25-110	0			J
4-Bromophenyl phenyl ether	1079	320	1325	0	81.4	45-115	0			
4-Chloro-3-methylphenol	1064	320	1325	0	80.3	45-115	0			
4-Chloroaniline	686.3	1,300	1325	0	51.8	15-110	0			J
4-Chlorophenyl phenyl ether	1104	320	1325	0	83.3	45-110	0			
4-Methylphenol	1044	320	1325	0	78.8	40-105	0			
4-Nitroaniline	651.9	1,300	1325	0	49.2	35-150	0			J
4-Nitrophenol	836.7	1,300	1325	0	63.1	15-140	0			J
Acenaphthene	1010	60	1325	0	76.2	45-110	0			
Acenaphthylene	1051	60	1325	0	79.3	45-105	0			
Anthracene	1139	60	1325	0	86	55-105	0			
Benzo(a)anthracene	1145	60	1325	33.14	83.9	50-110	0			
Benzo(a)pyrene	1118	60	1325	42.99	81.2	50-110	0			
Benzo(b)fluoranthene	1314	60	1325	16.41	97.9	45-115	0			
Benzo(g,h,i)perylene	1167	60	1325	0	88	40-125	0			
Benzo(k)fluoranthene	1237	60	1325	0	93.4	45-115	0			
Bis(2-chloroethoxy)methane	1001	320	1325	0	75.5	45-110	0			
Bis(2-chloroethyl)ether	903.6	320	1325	0	68.2	40-105	0			
Bis(2-chloroisopropyl)ether	1045	320	1325	0	78.8	20-115	0			
Bis(2-ethylhexyl)phthalate	1217	660	1325	54.14	87.8	45-125	0			
Butyl benzyl phthalate	1190	320	1325	37.74	86.9	50-125	0			
Carbazole	1167	320	1325	0	88	50-150	0			
Chrysene	1200	60	1325	0	90.5	55-110	0			
Dibenzo(a,h)anthracene	1192	60	1325	0	90	40-125	0			
Dibenzofuran	1067	320	1325	0	80.5	50-105	0			
Diethyl phthalate	1079	660	1325	0	81.4	50-115	0			
Dimethyl phthalate	1102	660	1325	0	83.2	50-110	0			
Di-n-butyl phthalate	1266	660	1325	0	95.5	55-110	0			
Di-n-octyl phthalate	1469	320	1325	0	111	40-130	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306009
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48806	Instrument ID SVMS7	Method: SW8270						
Fluoranthene	1172	60	1325	18.38	87.1	55-115	0	
Fluorene	1064	60	1325	0	80.3	50-110	0	
Hexachlorobenzene	1143	320	1325	0	86.3	45-120	0	
Hexachlorobutadiene	1082	320	1325	0	81.6	40-115	0	
Hexachlorocyclopentadiene	1090	660	1325	0	82.3	40-115	0	
Hexachloroethane	1041	320	1325	0	78.5	35-110	0	
Indeno(1,2,3-cd)pyrene	1220	60	1325	0	92.1	40-120	0	
Isophorone	1020	320	1325	0	77	45-110	0	
Naphthalene	990.4	60	1325	0	74.7	40-105	0	
Nitrobenzene	1108	320	1325	0	83.6	40-115	0	
N-Nitrosodi-n-propylamine	1076	320	1325	0	81.2	40-115	0	
N-Nitrosodiphenylamine	1153	320	1325	0	87	50-115	0	
Pentachlorophenol	1135	660	1325	0	85.6	25-120	0	
Phenanthrene	1071	60	1325	0	80.8	50-110	0	
Phenol	1191	320	1325	0	89.9	40-100	0	
Pyrene	1249	60	1325	0	94.2	45-125	0	
<i>Surr: 2,4,6-Tribromophenol</i>	<i>2477</i>	<i>0</i>	<i>3312</i>	<i>0</i>	<i>74.8</i>	<i>34-140</i>	<i>0</i>	
<i>Surr: 2-Fluorobiphenyl</i>	<i>2710</i>	<i>0</i>	<i>3312</i>	<i>0</i>	<i>81.8</i>	<i>12-100</i>	<i>0</i>	
<i>Surr: 2-Fluorophenol</i>	<i>2930</i>	<i>0</i>	<i>3312</i>	<i>0</i>	<i>88.5</i>	<i>33-117</i>	<i>0</i>	
<i>Surr: 4-Terphenyl-d14</i>	<i>4072</i>	<i>0</i>	<i>3312</i>	<i>0</i>	<i>123</i>	<i>25-137</i>	<i>0</i>	
<i>Surr: Nitrobenzene-d5</i>	<i>2498</i>	<i>0</i>	<i>3312</i>	<i>0</i>	<i>75.4</i>	<i>37-107</i>	<i>0</i>	
<i>Surr: Phenol-d6</i>	<i>2709</i>	<i>0</i>	<i>3312</i>	<i>0</i>	<i>81.8</i>	<i>40-106</i>	<i>0</i>	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48806** Instrument ID **SVMS7** Method: **SW8270**

MSD				Sample ID: 1306012-04C MSD			Units: µg/Kg		Analysis Date: 6/4/2013 11:47 AM		
Client ID:		Run ID: SVMS7_130604A			SeqNo: 2338924		Prep Date: 6/3/2013		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
2,4,5-Trichlorophenol	1020	300	1259	0	81	50-110	1041	2.06	30		
2,4,6-Trichlorophenol	923.2	300	1259	0	73.3	45-110	942	2.02	30		
2,4-Dichlorophenol	1042	300	1259	0	82.7	45-110	1021	2	30		
2,4-Dimethylphenol	719.3	620	1259	0	57.1	30-105	893.7	21.6	30		
2,4-Dinitrophenol	975.5	1,200	1259	0	77.5	15-130	1018	0	30	J	
2,4-Dinitrotoluene	1045	300	1259	0	83	50-115	1038	0.633	30		
2,6-Dinitrotoluene	1050	300	1259	0	83.4	50-110	1041	0.855	30		
2-Chloronaphthalene	1063	150	1259	0	84.4	45-105	1057	0.531	30		
2-Chlorophenol	1174	300	1259	0	93.2	45-105	1150	2.04	30		
2-Methylnaphthalene	1093	150	1259	0	86.8	45-105	1086	0.675	30		
2-Methylphenol	1268	300	1259	0	101	40-105	1092	14.9	30		
2-Nitroaniline	1165	1,200	1259	0	92.5	45-120	1131	0	30	J	
2-Nitrophenol	997.5	300	1259	0	79.2	40-110	993	0.446	30		
3-Nitroaniline	837	1,200	1259	0	66.5	25-110	642.6	0	30	J	
4-Bromophenyl phenyl ether	1003	300	1259	0	79.6	45-115	1079	7.3	30		
4-Chloro-3-methylphenol	1087	300	1259	0	86.4	45-115	1064	2.19	30		
4-Chloroaniline	655.8	1,200	1259	0	52.1	15-110	686.3	0	30	J	
4-Chlorophenyl phenyl ether	1085	300	1259	0	86.2	45-110	1104	1.77	30		
4-Methylphenol	1065	300	1259	0	84.6	40-105	1044	2.03	30		
4-Nitroaniline	905	1,200	1259	0	71.9	35-150	651.9	0	30	J	
4-Nitrophenol	843.9	1,200	1259	0	67	15-140	836.7	0	30	J	
Acenaphthene	1003	57	1259	0	79.7	45-110	1010	0.642	30		
Acenaphthylene	1049	57	1259	0	83.3	45-105	1051	0.152	30		
Anthracene	1051	57	1259	0	83.5	55-105	1139	8.08	30		
Benzo(a)anthracene	1047	57	1259	33.14	80.5	50-110	1145	8.96	30		
Benzo(a)pyrene	1023	57	1259	42.99	77.9	50-110	1118	8.87	30		
Benzo(b)fluoranthene	1184	57	1259	16.41	92.8	45-115	1314	10.4	30		
Benzo(g,h,i)perylene	1135	57	1259	0	90.2	40-125	1167	2.72	30		
Benzo(k)fluoranthene	1137	57	1259	0	90.3	45-115	1237	8.5	30		
Bis(2-chloroethoxy)methane	1006	300	1259	0	79.9	45-110	1001	0.528	30		
Bis(2-chloroethyl)ether	1291	300	1259	0	103	40-105	903.6	35.3	30	R	
Bis(2-chloroisopropyl)ether	1060	300	1259	0	84.2	20-115	1045	1.49	30		
Bis(2-ethylhexyl)phthalate	1090	620	1259	54.14	82.3	45-125	1217	11	30		
Butyl benzyl phthalate	1081	300	1259	37.74	82.9	50-125	1190	9.57	30		
Carbazole	1104	300	1259	0	87.7	50-150	1167	5.53	30		
Chrysene	1099	57	1259	0	87.3	55-110	1200	8.78	30		
Dibenzo(a,h)anthracene	1133	57	1259	0	90	40-125	1192	5.08	30		
Dibenzofuran	1056	300	1259	0	83.9	50-105	1067	1.06	30		
Diethyl phthalate	1053	620	1259	0	83.7	50-115	1079	2.41	30		
Dimethyl phthalate	1093	620	1259	0	86.8	50-110	1102	0.897	30		
Di-n-butyl phthalate	1165	620	1259	0	92.5	55-110	1266	8.32	30		
Di-n-octyl phthalate	1296	300	1259	0	103	40-130	1469	12.5	30		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306009
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48806	Instrument ID SVMS7		Method: SW8270							
Fluoranthene	1091	57	1259	18.38	85.2	55-115	1172	7.19	30	
Fluorene	1048	57	1259	0	83.3	50-110	1064	1.46	30	
Hexachlorobenzene	1071	300	1259	0	85.1	45-120	1143	6.53	30	
Hexachlorobutadiene	1006	300	1259	0	79.9	40-115	1082	7.3	30	
Hexachlorocyclopentadiene	981.7	620	1259	0	78	40-115	1090	10.5	30	
Hexachloroethane	1029	300	1259	0	81.7	35-110	1041	1.14	30	
Indeno(1,2,3-cd)pyrene	1159	57	1259	0	92.1	40-120	1220	5.13	30	
Isophorone	1031	300	1259	0	81.9	45-110	1020	1.04	30	
Naphthalene	997.5	57	1259	0	79.2	40-105	990.4	0.713	30	
Nitrobenzene	1069	300	1259	0	84.9	40-115	1108	3.59	30	
N-Nitrosodi-n-propylamine	1115	300	1259	0	88.6	40-115	1076	3.59	30	
N-Nitrosodiphenylamine	1081	300	1259	0	85.8	50-115	1153	6.52	30	
Pentachlorophenol	1050	620	1259	0	83.4	25-120	1135	7.79	30	
Phenanthrene	1028	57	1259	0	81.6	50-110	1071	4.15	30	
Phenol	1239	300	1259	0	98.4	40-100	1191	3.95	30	
Pyrene	1160	57	1259	0	92.2	45-125	1249	7.33	30	
<i>Surr: 2,4,6-Tribromophenol</i>	2295	0	3147	0	72.9	34-140	2477	7.62	40	
<i>Surr: 2-Fluorobiphenyl</i>	2648	0	3147	0	84.2	12-100	2710	2.29	40	
<i>Surr: 2-Fluorophenol</i>	3030	0	3147	0	96.3	33-117	2930	3.36	40	
<i>Surr: 4-Terphenyl-d14</i>	3602	0	3147	0	114	25-137	4072	12.3	40	
<i>Surr: Nitrobenzene-d5</i>	2537	0	3147	0	80.6	37-107	2498	1.53	40	
<i>Surr: Phenol-d6</i>	2868	0	3147	0	91.2	40-106	2709	5.72	40	

The following samples were analyzed in this batch: | 1306009-01B | 1306009-03B |

Client: Weston Solutions, Inc
Work Order: 1306009
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48861** Instrument ID **SVMS6** Method: **SW8270**

MBLK		Sample ID: SBLKW1-48861-48861				Units: µg/L		Analysis Date: 6/6/2013 09:43 AM		
Client ID:		Run ID: SVMS6_130606A			SeqNo: 2341418		Prep Date: 6/5/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,4-Dichlorobenzene	ND	5.0								
2,4,5-Trichlorophenol	ND	5.0								
2,4,6-Trichlorophenol	ND	5.0								
2,4-Dinitrotoluene	ND	5.0								
Hexachloro-1,3-butadiene	ND	5.0								
Hexachlorobenzene	ND	5.0								
Hexachloroethane	ND	5.0								
m-Cresol	ND	5.0								
Nitrobenzene	ND	5.0								
o-Cresol	ND	5.0								
p-Cresol	ND	5.0								
Pentachlorophenol	ND	20								
Pyridine	ND	20								
<i>Surr: 2,4,6-Tribromophenol</i>	<i>26.15</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>52.3</i>	<i>21-125</i>	<i>0</i>			
<i>Surr: 2-Fluorobiphenyl</i>	<i>26.67</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>53.3</i>	<i>36-94</i>	<i>0</i>			
<i>Surr: 2-Fluorophenol</i>	<i>17.52</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>35</i>	<i>10-75</i>	<i>0</i>			
<i>Surr: 4-Terphenyl-d14</i>	<i>48.53</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>97.1</i>	<i>26-119</i>	<i>0</i>			
<i>Surr: Nitrobenzene-d5</i>	<i>28.72</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>57.4</i>	<i>41-104</i>	<i>0</i>			
<i>Surr: Phenol-d6</i>	<i>10.07</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>20.1</i>	<i>11-50</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306009
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48861** Instrument ID **SVMS6** Method: **SW8270**

LCS		Sample ID: SLCSW1-48861-48861				Units: µg/L		Analysis Date: 6/6/2013 08:45 AM			
Client ID:		Run ID: SVMS6_130606A				SeqNo: 2341417		Prep Date: 6/5/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
1,4-Dichlorobenzene	11.17	5.0	20	0	55.8	30-110	0				
2,4,5-Trichlorophenol	12.21	5.0	20	0	61	50-110	0				
2,4,6-Trichlorophenol	11.91	5.0	20	0	59.6	50-115	0				
2,4-Dinitrotoluene	14.47	5.0	20	0	72.4	50-120	0				
Hexachloro-1,3-butadiene	11.42	5.0	20	0	57.1	25-105	0				
Hexachlorobenzene	13.21	5.0	20	0	66	50-110	0				
Hexachloroethane	11.5	5.0	20	0	57.5	30-95	0				
m-Cresol	10.26	5.0	20	0	51.3	30-110	0				
Nitrobenzene	11.59	5.0	20	0	58	45-110	0				
o-Cresol	10.38	5.0	20	0	51.9	40-110	0				
p-Cresol	10.26	5.0	20	0	51.3	30-110	0				
Pentachlorophenol	14.52	20	20	0	72.6	40-115	0			J	
Pyridine	5.11	20	20	0	25.6	10-71	0			J	
<i>Surr: 2,4,6-Tribromophenol</i>	31.32	0	50	0	62.6	21-125	0				
<i>Surr: 2-Fluorobiphenyl</i>	29.58	0	50	0	59.2	36-94	0				
<i>Surr: 2-Fluorophenol</i>	18.45	0	50	0	36.9	10-75	0				
<i>Surr: 4-Terphenyl-d14</i>	47.27	0	50	0	94.5	26-119	0				
<i>Surr: Nitrobenzene-d5</i>	32.72	0	50	0	65.4	41-104	0				
<i>Surr: Phenol-d6</i>	12.17	0	50	0	24.3	11-50	0				

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48861 Instrument ID SVMS6 Method: SW8270

MS		Sample ID: 1306009-02A MS				Units: µg/L		Analysis Date: 6/6/2013 10:31 AM		
Client ID: TT5-053013W		Run ID: SVMS6_130606A				SeqNo: 2342653		Prep Date: 6/5/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,4-Dichlorobenzene	228.8	100	400	0	57.2	30-110	0			
2,4,5-Trichlorophenol	257.8	100	400	0	64.4	50-110	0			
2,4,6-Trichlorophenol	247.4	100	400	0	61.8	50-115	0			
2,4-Dinitrotoluene	293.6	100	400	0	73.4	50-120	0			
Hexachloro-1,3-butadiene	231.2	100	400	0	57.8	25-105	0			
Hexachlorobenzene	271.6	100	400	0	67.9	50-110	0			
Hexachloroethane	238.8	100	400	0	59.7	30-95	0			
m-Cresol	208.4	100	400	0	52.1	30-110	0			
Nitrobenzene	240.6	100	400	0	60.2	45-110	0			
o-Cresol	228.2	100	400	0	57	40-110	0			
p-Cresol	208.4	100	400	0	52.1	30-110	0			
Pentachlorophenol	323.2	400	400	0	80.8	40-115	0			J
Pyridine	74.4	400	400	0	18.6	10-80	0			J
<i>Surr: 2,4,6-Tribromophenol</i>	631.2	0	1000	0	63.1	21-125	0			
<i>Surr: 2-Fluorobiphenyl</i>	596.6	0	1000	0	59.7	36-94	0			
<i>Surr: 2-Fluorophenol</i>	358	0	1000	0	35.8	10-75	0			
<i>Surr: 4-Terphenyl-d14</i>	917.6	0	1000	0	91.8	26-119	0			
<i>Surr: Nitrobenzene-d5</i>	671.6	0	1000	0	67.2	41-104	0			
<i>Surr: Phenol-d6</i>	229	0	1000	0	22.9	11-50	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48861 Instrument ID SVMS6 Method: SW8270

MSD		Sample ID: 1306009-02A MSD				Units: µg/L		Analysis Date: 6/6/2013 10:51 AM		
Client ID: TT5-053013W		Run ID: SVMS6_130606A				SeqNo: 2342654		Prep Date: 6/5/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,4-Dichlorobenzene	224.8	100	400	0	56.2	30-110	228.8	1.76	30	
2,4,5-Trichlorophenol	247.4	100	400	0	61.8	50-110	257.8	4.12	30	
2,4,6-Trichlorophenol	234.8	100	400	0	58.7	50-115	247.4	5.23	30	
2,4-Dinitrotoluene	286	100	400	0	71.5	50-120	293.6	2.62	30	
Hexachloro-1,3-butadiene	216.4	100	400	0	54.1	25-105	231.2	6.61	30	
Hexachlorobenzene	260.8	100	400	0	65.2	50-110	271.6	4.06	30	
Hexachloroethane	225	100	400	0	56.2	30-95	238.8	5.95	30	
m-Cresol	215	100	400	0	53.8	30-110	208.4	3.12	30	
Nitrobenzene	226	100	400	0	56.5	45-110	240.6	6.26	30	
o-Cresol	230.4	100	400	0	57.6	40-110	228.2	0.959	30	
p-Cresol	215	100	400	0	53.8	30-110	208.4	3.12	30	
Pentachlorophenol	318.4	400	400	0	79.6	40-115	323.2	0	30	J
Pyridine	139.4	400	400	0	34.8	10-80	74.4	0	30	J
<i>Surr: 2,4,6-Tribromophenol</i>	610.2	0	1000	0	61	21-125	631.2	3.38	0	
<i>Surr: 2-Fluorobiphenyl</i>	567.6	0	1000	0	56.8	36-94	596.6	4.98	0	
<i>Surr: 2-Fluorophenol</i>	375	0	1000	0	37.5	10-75	358	4.64	0	
<i>Surr: 4-Terphenyl-d14</i>	879.6	0	1000	0	88	26-119	917.6	4.23	0	
<i>Surr: Nitrobenzene-d5</i>	632	0	1000	0	63.2	41-104	671.6	6.08	0	
<i>Surr: Phenol-d6</i>	250	0	1000	0	25	11-50	229	8.77	0	

The following samples were analyzed in this batch:

1306009-02A	1306009-04A
-------------	-------------

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306009
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48807** Instrument ID **VMS9** Method: **SW8260**

MBLK Sample ID: **MBLK-48807-48807** Units: **µg/Kg** Analysis Date: **6/3/2013 12:56 PM**
 Client ID: Run ID: **VMS9_130603A** SeqNo: **2338452** Prep Date: **6/3/2013** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	30								
1,1,2,2-Tetrachloroethane	ND	30								
1,1,2-Trichloroethane	ND	30								
1,1,2-Trichlorotrifluoroethane	ND	30								
1,1-Dichloroethane	ND	30								
1,1-Dichloroethene	ND	30								
1,2,4-Trichlorobenzene	ND	30								
1,2-Dibromo-3-chloropropane	ND	30								
1,2-Dibromoethane	ND	30								
1,2-Dichlorobenzene	ND	30								
1,2-Dichloroethane	ND	30								
1,2-Dichloropropane	ND	30								
1,3-Dichlorobenzene	ND	30								
1,4-Dichlorobenzene	ND	30								
2-Butanone	ND	200								
2-Hexanone	ND	30								
4-Methyl-2-pentanone	ND	30								
Acetone	320.5	100								
Benzene	ND	30								
Bromodichloromethane	ND	30								
Bromoform	ND	30								
Bromomethane	ND	75								
Carbon disulfide	ND	30								
Carbon tetrachloride	ND	30								
Chlorobenzene	ND	30								
Chloroethane	ND	100								
Chloroform	ND	30								
Chloromethane	124.5	100								
cis-1,2-Dichloroethene	ND	30								
cis-1,3-Dichloropropene	ND	30								
Cyclohexane	ND	30								
Dibromochloromethane	ND	30								
Dichlorodifluoromethane	ND	30								
Ethylbenzene	ND	30								
Isopropylbenzene	ND	30								
Methyl acetate	ND	200								
Methyl tert-butyl ether	ND	30								
Methylcyclohexane	ND	30								
Methylene chloride	ND	30								
Styrene	ND	30								
Tetrachloroethene	ND	30								
Toluene	ND	30								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306009
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48807	Instrument ID VMS9	Method: SW8260						
trans-1,2-Dichloroethene	ND	30						
trans-1,3-Dichloropropene	ND	30						
Trichloroethene	ND	30						
Trichlorofluoromethane	ND	30						
Vinyl chloride	ND	30						
Xylenes, Total	ND	90						
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>1064</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>106</i>	<i>70-130</i>	<i>0</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>1005</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>100</i>	<i>70-130</i>	<i>0</i>	
<i>Surr: Dibromofluoromethane</i>	<i>1062</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>106</i>	<i>70-130</i>	<i>0</i>	
<i>Surr: Toluene-d8</i>	<i>1008</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>101</i>	<i>70-130</i>	<i>0</i>	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48807** Instrument ID **VMS9** Method: **SW8260**

LCS		Sample ID: LCS1-48807-48807				Units: µg/Kg		Analysis Date: 6/3/2013 11:51 AM		
Client ID:		Run ID: VMS9_130603A			SeqNo: 2338450		Prep Date: 6/3/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	748.5	30	1000	0	74.8	70-135	0			
1,1,2,2-Tetrachloroethane	1028	30	1000	0	103	55-130	0			
1,1,2-Trichloroethane	991.5	30	1000	0	99.2	60-125	0			
1,1-Dichloroethane	968.5	30	1000	0	96.8	75-125	0			
1,1-Dichloroethene	1028	30	1000	0	103	65-135	0			
1,2,4-Trichlorobenzene	977	30	1000	0	97.7	65-130	0			
1,2-Dibromo-3-chloropropane	974.5	30	1000	0	97.4	40-135	0			
1,2-Dibromoethane	1089	30	1000	0	109	70-125	0			
1,2-Dichlorobenzene	965	30	1000	0	96.5	75-120	0			
1,2-Dichloroethane	996	30	1000	0	99.6	70-135	0			
1,2-Dichloropropane	1042	30	1000	0	104	70-120	0			
1,3-Dichlorobenzene	986	30	1000	0	98.6	70-125	0			
1,4-Dichlorobenzene	962	30	1000	0	96.2	70-125	0			
2-Butanone	1088	200	1000	0	109	30-160	0			
2-Hexanone	1005	30	1000	0	100	45-145	0			
4-Methyl-2-pentanone	1206	30	1000	0	121	45-145	0			
Acetone	1129	100	1000	0	113	20-160	0			B
Benzene	953	30	1000	0	95.3	75-125	0			
Bromodichloromethane	1142	30	1000	0	114	70-130	0			
Bromoform	1072	30	1000	0	107	55-135	0			
Bromomethane	869	75	1000	0	86.9	30-160	0			
Carbon disulfide	1112	30	1000	0	111	45-160	0			
Carbon tetrachloride	695.5	30	1000	0	69.6	65-135	0			
Chlorobenzene	942	30	1000	0	94.2	75-125	0			
Chloroethane	846.5	100	1000	0	84.6	40-155	0			
Chloroform	1024	30	1000	0	102	70-125	0			
Chloromethane	943.5	100	1000	0	94.4	50-130	0			B
cis-1,2-Dichloroethene	993.5	30	1000	0	99.4	65-125	0			
cis-1,3-Dichloropropene	992.5	30	1000	0	99.2	70-125	0			
Dibromochloromethane	1005	30	1000	0	100	65-135	0			
Dichlorodifluoromethane	575	30	1000	0	57.5	35-135	0			
Ethylbenzene	942	30	1000	0	94.2	75-125	0			
Isopropylbenzene	924	30	1000	0	92.4	75-130	0			
Methyl tert-butyl ether	1068	30	1000	0	107	75-125	0			
Methylene chloride	1016	30	1000	0	102	55-145	0			
Styrene	966	30	1000	0	96.6	75-125	0			
Tetrachloroethene	807.5	30	1000	0	80.8	64-140	0			
Toluene	937	30	1000	0	93.7	70-125	0			
trans-1,2-Dichloroethene	1012	30	1000	0	101	65-135	0			
trans-1,3-Dichloropropene	1036	30	1000	0	104	65-125	0			
Trichloroethene	960.5	30	1000	0	96	75-125	0			
Trichlorofluoromethane	805.5	30	1000	0	80.6	25-185	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306009
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48807	Instrument ID VMS9	Method: SW8260						
Vinyl chloride	841	30	1000	0	84.1	60-125	0	
Xylenes, Total	2762	90	3000	0	92	75-125	0	
<i>Surr: 1,2-Dichloroethane-d4</i>	1032	0	1000	0	103	70-130	0	
<i>Surr: 4-Bromofluorobenzene</i>	983	0	1000	0	98.3	70-130	0	
<i>Surr: Dibromofluoromethane</i>	1052	0	1000	0	105	70-130	0	
<i>Surr: Toluene-d8</i>	1000	0	1000	0	100	70-130	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48807** Instrument ID **VMS9** Method: **SW8260**

MS		Sample ID: 13051201-01A MS				Units: µg/Kg		Analysis Date: 6/3/2013 08:39 PM		
Client ID:		Run ID: VMS5_130603A			SeqNo: 2338537		Prep Date: 6/3/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	940	30	1000	0	94	70-135	0			
1,1,2,2-Tetrachloroethane	935.5	30	1000	0	93.6	55-130	0			
1,1,2-Trichloroethane	874	30	1000	0	87.4	60-125	0			
1,1-Dichloroethane	928	30	1000	0	92.8	75-125	0			
1,1-Dichloroethene	932	30	1000	0	93.2	65-135	0			
1,2,4-Trichlorobenzene	878	30	1000	0	87.8	65-130	0			
1,2-Dibromo-3-chloropropane	857	30	1000	0	85.7	40-135	0			
1,2-Dibromoethane	918.5	30	1000	0	91.8	70-125	0			
1,2-Dichlorobenzene	941.5	30	1000	0	94.2	75-120	0			
1,2-Dichloroethane	883	30	1000	0	88.3	70-135	0			
1,2-Dichloropropane	925.5	30	1000	0	92.6	70-120	0			
1,3-Dichlorobenzene	947	30	1000	0	94.7	70-125	0			
1,4-Dichlorobenzene	958	30	1000	0	95.8	70-125	0			
2-Butanone	990.5	200	1000	0	99	30-160	0			
2-Hexanone	956	30	1000	0	95.6	45-145	0			
4-Methyl-2-pentanone	1168	30	1000	0	117	45-145	0			
Acetone	1092	100	1000	0	109	20-160	0			B
Benzene	874.5	30	1000	0	87.4	75-125	0			
Bromodichloromethane	842	30	1000	0	84.2	70-130	0			
Bromoform	834	30	1000	0	83.4	55-135	0			
Bromomethane	476	75	1000	0	47.6	30-160	0			
Carbon disulfide	1037	30	1000	0	104	45-160	0			
Carbon tetrachloride	932	30	1000	0	93.2	65-135	0			
Chlorobenzene	876.5	30	1000	0	87.6	75-125	0			
Chloroethane	452	100	1000	0	45.2	40-155	0			
Chloroform	929.5	30	1000	0	93	70-125	0			
Chloromethane	949.5	100	1000	147.5	80.2	50-130	0			B
cis-1,2-Dichloroethene	928.5	30	1000	0	92.8	65-125	0			
cis-1,3-Dichloropropene	862	30	1000	0	86.2	70-125	0			
Dibromochloromethane	737.5	30	1000	0	73.8	65-135	0			
Dichlorodifluoromethane	803	30	1000	0	80.3	35-135	0			
Ethylbenzene	851.5	30	1000	18	83.4	75-125	0			
Isopropylbenzene	870.5	30	1000	0	87	75-130	0			
Methyl tert-butyl ether	1006	30	1000	0	101	75-125	0			
Methylene chloride	912.5	30	1000	0	91.2	55-145	0			
Styrene	852	30	1000	0	85.2	75-125	0			
Tetrachloroethene	984	30	1000	0	98.4	64-140	0			
Toluene	858.5	30	1000	0	85.8	70-125	0			
trans-1,2-Dichloroethene	927.5	30	1000	0	92.8	65-135	0			
trans-1,3-Dichloropropene	838.5	30	1000	0	83.8	65-125	0			
Trichloroethene	921.5	30	1000	0	92.2	75-125	0			
Trichlorofluoromethane	1111	30	1000	0	111	25-185	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306009
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48807	Instrument ID VMS9	Method: SW8260						
Vinyl chloride	843	30	1000	0	84.3	60-125	0	
Xylenes, Total	2569	90	3000	48.5	84	75-125	0	
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>951.5</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>95.2</i>	<i>70-130</i>	<i>0</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>1005</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>100</i>	<i>70-130</i>	<i>0</i>	
<i>Surr: Dibromofluoromethane</i>	<i>993.5</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>99.4</i>	<i>70-130</i>	<i>0</i>	
<i>Surr: Toluene-d8</i>	<i>977</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>97.7</i>	<i>70-130</i>	<i>0</i>	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48807** Instrument ID **VMS9** Method: **SW8260**

MSD		Sample ID: 13051201-01A MSD				Units: µg/Kg		Analysis Date: 6/3/2013 09:02 PM		
Client ID:		Run ID: VMS5_130603A			SeqNo: 2338538		Prep Date: 6/3/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	941.5	30	1000	0	94.2	70-135	940	0.159	30	
1,1,2,2-Tetrachloroethane	933.5	30	1000	0	93.4	55-130	935.5	0.214	30	
1,1,2-Trichloroethane	873.5	30	1000	0	87.4	60-125	874	0.0572	30	
1,1-Dichloroethane	898.5	30	1000	0	89.8	75-125	928	3.23	30	
1,1-Dichloroethene	905	30	1000	0	90.5	65-135	932	2.94	30	
1,2,4-Trichlorobenzene	895	30	1000	0	89.5	65-130	878	1.92	30	
1,2-Dibromo-3-chloropropane	864	30	1000	0	86.4	40-135	857	0.813	30	
1,2-Dibromoethane	921	30	1000	0	92.1	70-125	918.5	0.272	30	
1,2-Dichlorobenzene	962.5	30	1000	0	96.2	75-120	941.5	2.21	30	
1,2-Dichloroethane	877.5	30	1000	0	87.8	70-135	883	0.625	30	
1,2-Dichloropropane	925	30	1000	0	92.5	70-120	925.5	0.054	30	
1,3-Dichlorobenzene	963	30	1000	0	96.3	70-125	947	1.68	30	
1,4-Dichlorobenzene	968.5	30	1000	0	96.8	70-125	958	1.09	30	
2-Butanone	991	200	1000	0	99.1	30-160	990.5	0.0505	30	
2-Hexanone	938.5	30	1000	0	93.8	45-145	956	1.85	30	
4-Methyl-2-pentanone	1179	30	1000	0	118	45-145	1168	0.98	30	
Acetone	1118	100	1000	0	112	20-160	1092	2.35	30	B
Benzene	855	30	1000	0	85.5	75-125	874.5	2.25	30	
Bromodichloromethane	820	30	1000	0	82	70-130	842	2.65	30	
Bromoform	815	30	1000	0	81.5	55-135	834	2.3	30	
Bromomethane	476.5	75	1000	0	47.6	30-160	476	0.105	30	
Carbon disulfide	979	30	1000	0	97.9	45-160	1037	5.75	30	
Carbon tetrachloride	890.5	30	1000	0	89	65-135	932	4.55	30	
Chlorobenzene	864.5	30	1000	0	86.4	75-125	876.5	1.38	30	
Chloroethane	418.5	100	1000	0	41.8	40-155	452	7.7	30	
Chloroform	908	30	1000	0	90.8	70-125	929.5	2.34	30	
Chloromethane	911	100	1000	147.5	76.4	50-130	949.5	4.14	30	B
cis-1,2-Dichloroethene	905.5	30	1000	0	90.6	65-125	928.5	2.51	30	
cis-1,3-Dichloropropene	868	30	1000	0	86.8	70-125	862	0.694	30	
Dibromochloromethane	708	30	1000	0	70.8	65-135	737.5	4.08	30	
Dichlorodifluoromethane	770.5	30	1000	0	77	35-135	803	4.13	30	
Ethylbenzene	852	30	1000	18	83.4	75-125	851.5	0.0587	30	
Isopropylbenzene	893	30	1000	0	89.3	75-130	870.5	2.55	30	
Methyl tert-butyl ether	974	30	1000	0	97.4	75-125	1006	3.28	30	
Methylene chloride	860.5	30	1000	0	86	55-145	912.5	5.87	30	
Styrene	836	30	1000	0	83.6	75-125	852	1.9	30	
Tetrachloroethene	978.5	30	1000	0	97.8	64-140	984	0.561	30	
Toluene	847	30	1000	0	84.7	70-125	858.5	1.35	30	
trans-1,2-Dichloroethene	905.5	30	1000	0	90.6	65-135	927.5	2.4	30	
trans-1,3-Dichloropropene	843.5	30	1000	0	84.4	65-125	838.5	0.595	30	
Trichloroethene	909.5	30	1000	0	91	75-125	921.5	1.31	30	
Trichlorofluoromethane	1093	30	1000	0	109	25-185	1111	1.63	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306009
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48807	Instrument ID VMS9	Method: SW8260								
Vinyl chloride	818	30	1000	0	81.8	60-125	843	3.01	30	
Xylenes, Total	2544	90	3000	48.5	83.2	75-125	2569	0.958	30	
<i>Surr: 1,2-Dichloroethane-d4</i>	937	0	1000	0	93.7	70-130	951.5	1.54	30	
<i>Surr: 4-Bromofluorobenzene</i>	986	0	1000	0	98.6	70-130	1005	1.91	30	
<i>Surr: Dibromofluoromethane</i>	1008	0	1000	0	101	70-130	993.5	1.5	30	
<i>Surr: Toluene-d8</i>	992.5	0	1000	0	99.2	70-130	977	1.57	30	

The following samples were analyzed in this batch: | 1306009-01A | 1306009-03A | 1306009-05A |

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R121793** Instrument ID **VMS5** Method: **SW8260**

MBLK		Sample ID: VBLKW2-130605-R121793				Units: µg/L		Analysis Date: 6/5/2013 11:26 PM		
Client ID:		Run ID: VMS5_130605A				SeqNo: 2341431		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
2-Butanone	ND	5.0								
Benzene	ND	1.0								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroform	ND	1.0								
Tetrachloroethene	ND	2.0								
Trichloroethene	ND	1.0								
Vinyl chloride	ND	1.0								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>19.68</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>98.4</i>	<i>70-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>19.19</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>96</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>19.85</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>99.2</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>19.54</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>97.7</i>	<i>85-120</i>	<i>0</i>			

LCS		Sample ID: VLCSW1-130605-R121793				Units: µg/L		Analysis Date: 6/5/2013 10:39 PM		
Client ID:		Run ID: VMS5_130605A				SeqNo: 2341430		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	21.11	1.0	20	0	106	70-130	0			
1,2-Dichloroethane	19.72	1.0	20	0	98.6	70-130	0			
2-Butanone	21.4	5.0	20	0	107	30-150	0			
Benzene	20.56	1.0	20	0	103	80-120	0			
Carbon tetrachloride	22.24	1.0	20	0	111	65-140	0			
Chlorobenzene	20.72	1.0	20	0	104	80-120	0			
Chloroform	19.5	1.0	20	0	97.5	65-135	0			
Tetrachloroethene	21.53	2.0	20	0	108	45-150	0			
Trichloroethene	20.9	1.0	20	0	104	70-125	0			
Vinyl chloride	18.57	1.0	20	0	92.8	50-145	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>19.82</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>99.1</i>	<i>70-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>20</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>100</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>20.32</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>102</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>19.96</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>99.8</i>	<i>85-120</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: R121793 Instrument ID VMS5 Method: SW8260

MS		Sample ID: 1306092-01A MS				Units: µg/L		Analysis Date: 6/6/2013 07:38 AM		
Client ID:		Run ID: VMS5_130605A				SeqNo: 2341440		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	22.24	1.0	20	0	111	70-130	0			
1,2-Dichloroethane	22.69	1.0	20	0	113	70-130	0			
2-Butanone	15.98	5.0	20	0	79.9	30-150	0			
Benzene	64.01	1.0	20	44.43	97.9	80-120	0			
Carbon tetrachloride	22.2	1.0	20	0	111	65-140	0			
Chlorobenzene	20.01	1.0	20	0	100	80-120	0			
Chloroform	19.13	1.0	20	0	95.6	65-135	0			
Tetrachloroethene	21.71	2.0	20	0	109	45-150	0			
Trichloroethene	21.13	1.0	20	0	106	70-125	0			
Vinyl chloride	18.87	1.0	20	0	94.4	50-145	0			
Surr: 1,2-Dichloroethane-d4	19.23	0	20	0	96.2	70-120	0			
Surr: 4-Bromofluorobenzene	19.99	0	20	0	100	75-120	0			
Surr: Dibromofluoromethane	19.8	0	20	0	99	85-115	0			
Surr: Toluene-d8	19.52	0	20	0	97.6	85-120	0			

MSD		Sample ID: 1306092-01A MSD				Units: µg/L		Analysis Date: 6/6/2013 08:01 AM		
Client ID:		Run ID: VMS5_130605A				SeqNo: 2341441		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	21.39	1.0	20	0	107	70-130	22.24	3.9	30	
1,2-Dichloroethane	22.45	1.0	20	0	112	70-130	22.69	1.06	30	
2-Butanone	18.22	5.0	20	0	91.1	30-150	15.98	13.1	30	
Benzene	61.94	1.0	20	44.43	87.6	80-120	64.01	3.29	30	
Carbon tetrachloride	21.58	1.0	20	0	108	65-140	22.2	2.83	30	
Chlorobenzene	19.68	1.0	20	0	98.4	80-120	20.01	1.66	30	
Chloroform	18.97	1.0	20	0	94.8	65-135	19.13	0.84	30	
Tetrachloroethene	21.36	2.0	20	0	107	45-150	21.71	1.63	30	
Trichloroethene	20.3	1.0	20	0	102	70-125	21.13	4.01	30	
Vinyl chloride	18.36	1.0	20	0	91.8	50-145	18.87	2.74	30	
Surr: 1,2-Dichloroethane-d4	19.25	0	20	0	96.2	70-120	19.23	0.104	30	
Surr: 4-Bromofluorobenzene	20.13	0	20	0	101	75-120	19.99	0.698	30	
Surr: Dibromofluoromethane	20.01	0	20	0	100	85-115	19.8	1.06	30	
Surr: Toluene-d8	19.68	0	20	0	98.4	85-120	19.52	0.816	30	

The following samples were analyzed in this batch:

1306009-02A	1306009-04A
-------------	-------------

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48874** Instrument ID **WETCHEM** Method: **SW7196A**

MBLK	Sample ID: MBLK-48874-48874	Units: mg/Kg				Analysis Date: 6/5/2013 02:00 PM				
Client ID:	Run ID: WETCHEM_130605M	SeqNo: 2340238		Prep Date: 6/5/2013		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent ND 0.50

LCS	Sample ID: LCS-48874-48874	Units: mg/Kg				Analysis Date: 6/5/2013 02:00 PM				
Client ID:	Run ID: WETCHEM_130605M	SeqNo: 2340237		Prep Date: 6/5/2013		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 1.769 0.50 1.992 0 88.8 75-110 0

MS	Sample ID: 1306018-01B MS	Units: mg/Kg				Analysis Date: 6/5/2013 02:00 PM				
Client ID:	Run ID: WETCHEM_130605M	SeqNo: 2340235		Prep Date: 6/5/2013		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 1.605 0.49 1.976 0.08627 76.8 60-130 0

MSD	Sample ID: 1306018-01B MSD	Units: mg/Kg				Analysis Date: 6/5/2013 02:00 PM				
Client ID:	Run ID: WETCHEM_130605M	SeqNo: 2340236		Prep Date: 6/5/2013		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 1.734 0.49 1.953 0.08627 84.4 60-130 1.605 7.76 30

The following samples were analyzed in this batch: 1306009-01B 1306009-03B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306009
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R121614b** Instrument ID **WETCHEM** Method: **SW9045D**

LCS	Sample ID: LCS-R121614-R121614b		Units: s.u.		Analysis Date: 6/1/2013 01:20 PM					
Client ID:	Run ID: WETCHEM_130601A		SeqNo: 2337290		Prep Date:			DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH 4.45 0 4.4 0 101 90-110 0

DUP	Sample ID: 1306009-01B DUP		Units: s.u.		Analysis Date: 6/1/2013 01:20 PM					
Client ID: TT5-053013W	Run ID: WETCHEM_130601A		SeqNo: 2337292		Prep Date:			DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH 8.09 0 0 0 0 0-0 8.09 0 20

The following samples were analyzed in this batch: 1306009-01B 1306009-03B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306009
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R121666** Instrument ID **MOIST** Method: **A2540 G**

MBLK		Sample ID: WBLKS-R121666				Units: % of sample			Analysis Date: 6/3/2013 09:05 AM		
Client ID:		Run ID: MOIST_130603A				SeqNo: 2338459		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Moisture	0.03	0.050								J	

LCS		Sample ID: LCS-R121666				Units: % of sample			Analysis Date: 6/3/2013 09:05 AM		
Client ID:		Run ID: MOIST_130603A				SeqNo: 2338458		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Moisture	100	0.050	100		0	100	99.5-100.5	0			

DUP		Sample ID: 1306009-01B DUP				Units: % of sample			Analysis Date: 6/3/2013 09:05 AM		
Client ID: TT5-053013W		Run ID: MOIST_130603A				SeqNo: 2338444		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Moisture	15.58	0.050	0		0	0	0-0	16.07	3.1	20	

DUP		Sample ID: 1306009-03B DUP				Units: % of sample			Analysis Date: 6/3/2013 09:05 AM		
Client ID: S14-0001W		Run ID: MOIST_130603A				SeqNo: 2338446		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Moisture	43.69	0.050	0		0	0	0-0	45.3	3.62	20	

The following samples were analyzed in this batch: 1306009-01B 1306009-03B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.



Cincinnati, OH
+1 513 733 5336

Fort Collins, CO
+1 970 490 1511

Everett, WA
+1 425 356 2600

Holland, MI
+1 616 399 6070

Chain of Custody Form

Houston, TX
+1 281 530 5656

Spring City, PA
+1 610 948 4903

South Charleston, WV
+1 304 356 3168

Middletown, PA
+1 717 944 5541

Salt Lake City, UT
+1 801 266 7700

York, PA
+1 717 505 5280

Page 2 of 2

COC ID: **85283**

Environmental

Customer Information		Project Information					ALS Project Manager: <u>TBS</u> ALS Work Order #: <u>1306009</u>													
Parameter/Method Request for Analysis		Purchase Order		Project Name		A		VOCs - Target Compound List												
Work Order		Project Number		B		SVOCs - Target Compound List														
Company Name		Bill To Company		C		TAL Metals (Including Hg) + Boron														
Send Report To		Invoice Attn		D		Hexavalent Chromium														
Address		Address		E		Pesticides														
				F		Herbicides														
City/State/Zip		City/State/Zip		G		PCBs														
Phone		Phone		H		pH														
Fax		Fax		I		pH														
e-Mail Address		e-Mail Address		J		Moisture														
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold			
1	TT5-053013W	5/30/13	1215	SOIL	7	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
2	514-0001W	5/30/13	1315	SOIL	7	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
3	TRIP-04	5/30/13	—	LIQUID	7	1	✓													
4																				
5																				
6																				
7																				
8																				
9																				
10																				

Sampler(s) Please Print & Sign <u>ANDY KIRK</u>		Shipment Method <u>ALS</u>		Required Turnaround Time: (Check Box) <input checked="" type="checkbox"/> Std 10 WK Days <input type="checkbox"/> 5 WK Days <input type="checkbox"/> Other <input type="checkbox"/> 2 WK Days <input type="checkbox"/> 24 Hour				Results Due Date:	
Relinquished by <u>[Signature]</u>		Date: <u>5/31/13</u>	Time: <u>1000</u>	Received by: <u>[Signature]</u>		Notes: "Total" analyses			
Relinquished by <u>[Signature]</u>		Date: <u>5/31/13</u>	Time: <u>1800</u>	Received by (Laboratory): <u>[Signature]</u>		Cooler ID:	Cooler Temp.:	QC Package: (Check One Box Below)	
Logged by (Laboratory): <u>DES</u>		Date: <u>6/2/13</u>	Time: <u>0930</u>	Checked by (Laboratory): <u>TBS</u>			<u>3.0°C</u>	<input checked="" type="checkbox"/> Level II Std QC	<input type="checkbox"/> TRRP Check List
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5035								<input type="checkbox"/> Level III Std QC/Raw Data	<input type="checkbox"/> TRRP Level IV
								<input type="checkbox"/> Level IV SWB46/CLP	
								<input type="checkbox"/> Other	

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
 2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
 3. The Chain of Custody is a legal document. All information must be completed accurately.

Copyright 2011 by ALS Environmental.



Cincinnati, OH
+1 513 733 5336

Fort Collins, CO
+1 970 490 1511

Everett, WA
+1 425 356 2600

Holland, MI
+1 616 399 6070

Chain of Custody Form

Houston, TX
+1 281 530 5656

Spring City, PA
+1 610 948 4903

South Charleston, WV
+1 304 356 3168

Middletown, PA
+1 717 944 5541

Salt Lake City, UT
+1 801 266 7700

York, PA
+1 717 505 5280

Page 1 of 2

COC ID: **85289**

Environmental

ALS Project Manager: TBS

ALS Work Order #: 1306009

Customer Information		Project Information		Parameter/Method Request for Analysis											
Purchase Order	0082447	Project Name	Whirlpool Park Site	A	TCLP VOCs										
Work Order	20405.016.001, 2063.00	Project Number	20405.016.001.2063.00	B	TCLP SVOCs										
Company Name	Weston Solutions, Inc	Bill To Company	Weston Solutions, Inc	C	TCLP Metals										
Send Report To	Lisa Graczyk	Invoice Attn	Lisa Graczyk	D	TCLP Pesticides										
Address	20 North Wacker Drive Suite 1210	Address	20 North Wacker Drive Suite 1210	E	TCLP Herbicides										
				F											
City/State/Zip	Chicago, IL 60606	City/State/Zip	Chicago, IL 60606	G											
Phone	(312) 424-3300	Phone	(312) 424-3300	H											
Fax	(312) 424-3330	Fax	(312) 424-3330	I											
e-Mail Address	LGRACZYK@CSS-DIV.MAC.COM	e-Mail Address	LGRACZYK@CSS-DIV.MAC.COM	J											

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
2	TT5-053013W	5/30/13	1215	SOL	7	4	✓	✓	✓	✓	✓						
4	S14-0001W	5/30/13	1315	SOL	7	4	✓	✓	✓	✓	✓						
5	TRIP-04	5/30/13	—	LIQUID	7	1	✓										
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign <u>ANDY KIBL</u>		Shipment Method <u>ALS</u>		Required Turnaround Time: (Check Box) <input checked="" type="checkbox"/> Std 10 WK Days <input type="checkbox"/> 5 WK Days <input type="checkbox"/> 2 WK Days <input type="checkbox"/> 24 Hour				Results Due Date:			
Relinquished by: <u>[Signature]</u>	Date: <u>5/31/13</u>	Time: <u>1000</u>	Received by: <u>[Signature]</u>	Notes: <u>TCLP analyses</u>							
Relinquished by: <u>[Signature]</u>	Date: <u>9/31/13</u>	Time: <u>1800</u>	Received by (Laboratory): <u>[Signature]</u>	Cooler ID:	Cooler Temp.:	QC Package: (Check One Box Below)					
Logged by (Laboratory): <u>DES</u>	Date: <u>6/1/13</u>	Time: <u>0930</u>	Checked by (Laboratory): <u>TBS</u>		<u>3.0</u>	<input checked="" type="checkbox"/> Level II Std QC	<input type="checkbox"/> TRRP CheckList				
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5035						<input type="checkbox"/> Level III Std QC/Raw Data	<input type="checkbox"/> TRRP Level IV				
						<input type="checkbox"/> Level IV SW846/CLP					
						<input type="checkbox"/> Other					

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
 2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
 3. The Chain of Custody is a legal document. All information must be completed accurately.

Copyright 2011 by ALS Environmental.

Sample Receipt Checklist

Client Name: **WESTON - CHI**

Date/Time Received: **01-Jun-13 08:00**

Work Order: **1306009**

Received by: **DS**

Checklist completed by Diane Shaw 01-Jun-13
eSignature Date

Reviewed by: Tom Bramish 03-Jun-13
eSignature Date

Matrices: Soil
Carrier name: City Transfer

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temperature(s)/Thermometer(s):	<input type="text" value="3.0 c"/>		
Cooler(s)/Kit(s):	<input type="text"/>		
Date/Time sample(s) sent to storage:	<input type="text" value="6/1/2013 9:29:51 AM"/>		
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted by:	<input type="text"/>		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:



ALS Environmental

3382 128th Avenue
Holland, Michigan 49424
Tel. +1 616 399 6070
Fax. +1 616 399 6185

CUSTODY SEAL

Date: 3/31/13
Name: [Signature]
Company: [Signature]

Seal Broken By:

Date:

CITY TRANSFER COMPANY

PLACE AN "X" BELOW

SPECIAL SERVICE

GROUND SERVICE

AIR SERVICE

AIR & GROUND COMBINED

CANCELLED CHECKS OR CASH LETTERS

OTHER (LIST COMMODITIES)

SPECIAL INSTRUCTIONS

SHIPPER COMPANY

CONTACT

STREET ADDRESS

CITY

DECLARED VALUE \$

ADD'L INSURANCE COST \$

PIECES

PREPAID

BILL TO ACCT.

C.O.D.

RECEIVED, Subject to rates and terms in effect on the date hereof

PICKED UP BY

DATE

TIME

A.M.

P.M.

DRIVER #

ROUTE #

The property of ALS Environmental, Inc. is contained herein.

ALS logo

ALS Environmental

3352 128th Avenue
Holland, Michigan 49424
Tel. +1 616 399 6070
Fax. +1 616 399 6185

CUSTODY SEAL

Date: 3/31/13
Name: [Signature]
Company: [Signature]

Seal Broken By:

Date:

PHONE #

PHONE #

STREET ADDRESS

CITY

ACCOUNT NO.

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

STATE, ZIP CODE

WEIGHT

LBS.

OZ.

\$ CHARGES

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

\$ 4.00

TOTAL \$

RECEIVED BY

[Signature]

DATE

1-1-13

TIME

A.M.

P.M.

ROUTE #

9.3

Carrier shall not be liable for loss or damage to contents of this shipment unless the shipper has declared a value in excess of \$100.00, written and attached to the bill of lading for which additional charges will be assessed. Carrier's liability with respect to "cash letter" shipments is limited to its tariff. Except on "cash letter" shipments, claims, if any, must be filed in writing within thirty (30) days after pickup. Claims involving "cash letter" shipments must be filed in writing within three (3) days after pickup. Claimant shall give oral notice to carrier as soon as it becomes aware of a potential claim involving a "cash letter" shipment.

CARRIER SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES.

ALS Environmental and its subsidiaries agree to carry to the usual place of delivery at no additional charge if within the time specified in the bill of lading. If the time specified in the bill of lading is not printed or written, herein, the time shall be that of the carrier's tariff. This agreement shall be subject to all the conditions not prohibited by law, in the printed or written, herein.



02-Jul-2013

Lisa Graczyk
Weston Solutions, Inc
20 North Wacker Drive
Suite 1210
Chicago, IL 60606

Re: **20405.016.001.2063.00/Whirlpool Park Site**

Work Order: **1306920**

Dear Lisa,

ALS Environmental received 3 samples on 22-Jun-2013 for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Sample results are compliant with NELAP standard requirements and QC results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 61.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Tom Beamish".

Electronically approved by: Tom Beamish

Tom Beamish
Senior Project Manager



Certificate No: MN 532786

Report of Laboratory Analysis

ADDRESS 3352 128th Avenue Holland, Michigan 49424-9263 | PHONE (616) 399-6070 | FAX (616) 399-6185

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

Environmental

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Work Order: 1306920

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
1306920-01	MW-4-062013W	Groundwater		06/20/13 17:00	06/22/13 10:45	<input type="checkbox"/>
1306920-01	MW-4-062013W	Groundwater		06/20/13 17:00	06/22/13 10:45	<input type="checkbox"/>
1306920-02	Trip-05	Water		06/20/13	06/22/13 10:45	<input type="checkbox"/>
1306920-03	MW-4-062013W	Tclp Extract		06/20/13 17:00	06/22/13 10:45	<input type="checkbox"/>

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
WorkOrder: 1306920

**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 is present at an estimated concentration between the MDL and Report 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
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
TDL	Target Detection Limit
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

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

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Work Order: 1306920

Case Narrative

TCLP Herbicides - 40 CFR Part 261.24 (b)

Parameter	Maximum Concentration For Toxicity Characteristic (mg/L)
2,4-D	10
2,4,5-TP (Silvex)	1.0

TCLP Metals - 40 CFR Part 261.24 (b)

Parameter	Maximum Concentration For Toxicity Characteristic (mg/L)
Mercury	0.2
Arsenic	5.0
Barium	100
Cadmium	1.0
Chromium	5.0
Lead	5.0
Selenium	1.0
Silver	5.0

TCLP Pesticides - 40 CFR Part 261.24 (b)

Parameter	Maximum Concentration For Toxicity Characteristic (mg/L)
Chlordane	0.03
Heptachlor	0.008
Endrin	0.02
Lindane	0.40
Methoxychlor	10
Toxaphene	0.50

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Work Order: 1306920

Case Narrative

TCLP Semi-Volatiles - 40 CFR Part 261.24 (b)

Parameter	Maximum Concentration For Toxicity Characteristic (mg/L)
1,4-Dichlorobenzene	7.5
2,4-Dinitrotoluene	0.13
Hexachloro-1,3-butadiene	0.50
Hexachlorobenzene	0.13
Hexachloroethane	3.0
Nitrobenzene	2.0
Pyridine	5.0
m-Cresol	200
o-Cresol	200
p-Cresol	200
Pentachlorophenol	100
2,4,5-Trichlorophenol	400
2,4,6-Trichlorophenol	2.0

TCLP Volatiles - 40 CFR Part 261.24 (b)

Parameter	Maximum Concentration For Toxicity Characteristic (mg/L)
1,1-Dichloroethene	0.70
1,2-Dichloroethane	0.50
2-Butanone	200
Benzene	0.50
Carbon Tetrachloride	0.50
Chlorobenzene	100
Chloroform	6.0
Tetrachloroethene	0.70
Trichloroethene	0.50
Vinyl Chloride	0.20

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Work Order: 1306920

Case Narrative

Analytical Comments:

Batch R122662, Method CR6_7196_GW, Sample 1306920-01D: The hold time expired prior to sample receipt. The reported Hexavalent Chromium result should be considered estimated.

QC Comments:

Batch 49247, Method PEST_8081_W, Sample 1306920-01B MS: The MS recovery for alpha-BHC is low due to an extraction complication. RPDs and LCS and MSD recoveries were all within specifications.

Batch R122803A, Method VOC_8260_W, Sample VLCSW2-130625: The LCS recoveries were above the upper control limit. All sample results in the batch were non-detect. No qualification is necessary for 4-Methyl-2-pentanone and Bromomethane.

Batch R122829A, Method VOC_8260_W, Sample VLCSW1-130626: The LCS recoveries were above the upper control limit. All sample results in the batch were non-detect. No qualification is necessary for Bromomethane.

Batch R122662, Method CR6_7196_GW, Sample 1306920-01D MS: The MS and MSD recoveries were below the lower control limit. The corresponding Hexavalent Chromium result in the parent sample may be biased low.

ALS Group USA, Corp

Date: 02-Jul-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: MW-4-062013W
Collection Date: 06/20/13 05:00 PM

Work Order: 1306920
Lab ID: 1306920-01
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 06/24/13	Analyst: JD
2,4,5-T	ND		0.0010	mg/L	1	06/25/13 02:25 PM
2,4,5-TP (Silvex)	ND		0.0020	mg/L	1	06/25/13 02:25 PM
2,4-D	ND		0.0020	mg/L	1	06/25/13 02:25 PM
Surr: DCAA	106		30-150	%REC	1	06/25/13 02:25 PM
PCBS			SW8082		Prep Date: 06/24/13	Analyst: JD
Aroclor 1016	ND		0.00020	mg/L	1	06/25/13 12:15 PM
Aroclor 1221	ND		0.00020	mg/L	1	06/25/13 12:15 PM
Aroclor 1232	ND		0.00020	mg/L	1	06/25/13 12:15 PM
Aroclor 1242	ND		0.00020	mg/L	1	06/25/13 12:15 PM
Aroclor 1248	ND		0.00020	mg/L	1	06/25/13 12:15 PM
Aroclor 1254	ND		0.00020	mg/L	1	06/25/13 12:15 PM
Aroclor 1260	ND		0.00020	mg/L	1	06/25/13 12:15 PM
Surr: Decachlorobiphenyl	72.0		40-140	%REC	1	06/25/13 12:15 PM
PESTICIDES			SW8081		Prep Date: 06/24/13	Analyst: JD
4,4'-DDD	ND		0.000020	mg/L	1	06/25/13 12:35 PM
4,4'-DDE	ND		0.000020	mg/L	1	06/25/13 12:35 PM
4,4'-DDT	ND		0.000020	mg/L	1	06/25/13 12:35 PM
Aldrin	ND		0.000010	mg/L	1	06/25/13 12:35 PM
alpha-BHC	ND		0.000010	mg/L	1	06/25/13 12:35 PM
alpha-Chlordane	ND		0.000020	mg/L	1	06/25/13 12:35 PM
beta-BHC	ND		0.000010	mg/L	1	06/25/13 12:35 PM
Chlordane, Technical	ND		0.00050	mg/L	1	06/25/13 12:35 PM
delta-BHC	ND		0.000010	mg/L	1	06/25/13 12:35 PM
Dieldrin	ND		0.000020	mg/L	1	06/25/13 12:35 PM
Endosulfan I	ND		0.000020	mg/L	1	06/25/13 12:35 PM
Endosulfan II	ND		0.000020	mg/L	1	06/25/13 12:35 PM
Endosulfan sulfate	ND		0.000020	mg/L	1	06/25/13 12:35 PM
Endrin	ND		0.000020	mg/L	1	06/25/13 12:35 PM
Endrin aldehyde	ND		0.000020	mg/L	1	06/25/13 12:35 PM
Endrin ketone	ND		0.000020	mg/L	1	06/25/13 12:35 PM
gamma-BHC (Lindane)	ND		0.000010	mg/L	1	06/25/13 12:35 PM
gamma-Chlordane	ND		0.000020	mg/L	1	06/25/13 12:35 PM
Heptachlor	ND		0.000010	mg/L	1	06/25/13 12:35 PM
Heptachlor epoxide	ND		0.000010	mg/L	1	06/25/13 12:35 PM
Hexachlorobenzene	ND		0.000010	mg/L	1	06/25/13 12:35 PM
Methoxychlor	ND		0.000040	mg/L	1	06/25/13 12:35 PM
Toxaphene	ND		0.0020	mg/L	1	06/25/13 12:35 PM
Surr: Decachlorobiphenyl	65.0		30-145	%REC	1	06/25/13 12:35 PM

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

ALS Group USA, Corp

Date: 02-Jul-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306920

Sample ID: MW-4-062013W

Lab ID: 1306920-01

Collection Date: 06/20/13 05:00 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Tetrachloro-m-xylene</i>	47.0		25-140	%REC	1	06/25/13 12:35 PM
MERCURY BY CVAA			SW7470		Prep Date: 06/24/13	Analyst: LR
Mercury	ND		0.00020	mg/L	1	06/24/13 03:21 PM
METALS BY ICP-MS			SW6020A		Prep Date: 06/27/13	Analyst: ML
Aluminum	0.14		0.010	mg/L	1	06/28/13 03:32 PM
Antimony	ND		0.0050	mg/L	1	06/28/13 03:32 PM
Arsenic	ND		0.0050	mg/L	1	06/28/13 03:32 PM
Barium	0.011		0.0050	mg/L	1	06/28/13 03:32 PM
Beryllium	ND		0.0020	mg/L	1	06/28/13 03:32 PM
Boron	0.58		0.020	mg/L	1	06/28/13 03:32 PM
Cadmium	ND		0.0020	mg/L	1	06/28/13 03:32 PM
Calcium	330		5.0	mg/L	10	07/01/13 12:42 PM
Chromium	ND		0.0050	mg/L	1	06/28/13 03:32 PM
Cobalt	ND		0.0050	mg/L	1	06/28/13 03:32 PM
Copper	ND		0.0050	mg/L	1	06/28/13 03:32 PM
Iron	2.0		0.080	mg/L	1	06/28/13 03:32 PM
Lead	ND		0.0050	mg/L	1	06/28/13 03:32 PM
Magnesium	100		0.20	mg/L	1	06/28/13 03:32 PM
Manganese	0.026		0.0050	mg/L	1	06/28/13 03:32 PM
Nickel	ND		0.0050	mg/L	1	06/28/13 03:32 PM
Potassium	3.5		0.20	mg/L	1	06/28/13 03:32 PM
Selenium	ND		0.0050	mg/L	1	06/28/13 03:32 PM
Silver	ND		0.0050	mg/L	1	06/28/13 03:32 PM
Sodium	50		0.20	mg/L	1	06/28/13 03:32 PM
Thallium	ND		0.0050	mg/L	1	06/28/13 03:32 PM
Vanadium	ND		0.0050	mg/L	1	06/28/13 03:32 PM
Zinc	ND		0.010	mg/L	1	06/28/13 03:32 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 06/24/13	Analyst: HL
1,1'-Biphenyl	ND		0.0050	mg/L	1	06/24/13 07:22 PM
2,4,5-Trichlorophenol	ND		0.0050	mg/L	1	06/24/13 07:22 PM
2,4,6-Trichlorophenol	ND		0.0050	mg/L	1	06/24/13 07:22 PM
2,4-Dichlorophenol	ND		0.010	mg/L	1	06/24/13 07:22 PM
2,4-Dimethylphenol	ND		0.0050	mg/L	1	06/24/13 07:22 PM
2,4-Dinitrophenol	ND		0.0050	mg/L	1	06/24/13 07:22 PM
2,4-Dinitrotoluene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
2,6-Dinitrotoluene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
2-Chloronaphthalene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
2-Chlorophenol	ND		0.0050	mg/L	1	06/24/13 07:22 PM
2-Methylnaphthalene	ND		0.0050	mg/L	1	06/24/13 07:22 PM

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

ALS Group USA, Corp

Date: 02-Jul-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306920

Sample ID: MW-4-062013W

Lab ID: 1306920-01

Collection Date: 06/20/13 05:00 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Methylphenol	ND		0.0050	mg/L	1	06/24/13 07:22 PM
2-Nitroaniline	ND		0.020	mg/L	1	06/24/13 07:22 PM
2-Nitrophenol	ND		0.0050	mg/L	1	06/24/13 07:22 PM
3,3'-Dichlorobenzidine	ND		0.0050	mg/L	1	06/24/13 07:22 PM
3-Nitroaniline	ND		0.020	mg/L	1	06/24/13 07:22 PM
4,6-Dinitro-2-methylphenol	ND		0.020	mg/L	1	06/24/13 07:22 PM
4-Bromophenyl phenyl ether	ND		0.0050	mg/L	1	06/24/13 07:22 PM
4-Chloro-3-methylphenol	ND		0.0050	mg/L	1	06/24/13 07:22 PM
4-Chloroaniline	ND		0.020	mg/L	1	06/24/13 07:22 PM
4-Chlorophenyl phenyl ether	ND		0.0050	mg/L	1	06/24/13 07:22 PM
4-Methylphenol	ND		0.0050	mg/L	1	06/24/13 07:22 PM
4-Nitroaniline	ND		0.020	mg/L	1	06/24/13 07:22 PM
4-Nitrophenol	ND		0.020	mg/L	1	06/24/13 07:22 PM
Acenaphthene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Acenaphthylene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Acetophenone	ND		0.0010	mg/L	1	06/24/13 07:22 PM
Anthracene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Atrazine	ND		0.0010	mg/L	1	06/24/13 07:22 PM
Benzaldehyde	ND		0.0010	mg/L	1	06/24/13 07:22 PM
Benzo(a)anthracene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Benzo(a)pyrene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Benzo(b)fluoranthene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Benzo(g,h,i)perylene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Benzo(k)fluoranthene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Bis(2-chloroethoxy)methane	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Bis(2-chloroethyl)ether	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Bis(2-chloroisopropyl)ether	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Bis(2-ethylhexyl)phthalate	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Butyl benzyl phthalate	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Caprolactam	ND		0.010	mg/L	1	06/24/13 07:22 PM
Carbazole	ND		0.010	mg/L	1	06/24/13 07:22 PM
Chrysene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Dibenzo(a,h)anthracene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Dibenzofuran	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Diethyl phthalate	ND		0.020	mg/L	1	06/24/13 07:22 PM
Dimethyl phthalate	ND		0.020	mg/L	1	06/24/13 07:22 PM
Di-n-butyl phthalate	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Di-n-octyl phthalate	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Fluoranthene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Fluorene	ND		0.0050	mg/L	1	06/24/13 07:22 PM

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

ALS Group USA, Corp

Date: 02-Jul-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: MW-4-062013W
Collection Date: 06/20/13 05:00 PM

Work Order: 1306920
Lab ID: 1306920-01
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobenzene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Hexachlorobutadiene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Hexachlorocyclopentadiene	ND		0.020	mg/L	1	06/24/13 07:22 PM
Hexachloroethane	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Indeno(1,2,3-cd)pyrene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Isophorone	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Naphthalene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Nitrobenzene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
N-Nitrosodi-n-propylamine	ND		0.0050	mg/L	1	06/24/13 07:22 PM
N-Nitrosodiphenylamine	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Pentachlorophenol	ND		0.020	mg/L	1	06/24/13 07:22 PM
Phenanthrene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Phenol	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Pyrene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Surr: 2,4,6-Tribromophenol	58.2		32-115	%REC	1	06/24/13 07:22 PM
Surr: 2-Fluorobiphenyl	65.3		32-100	%REC	1	06/24/13 07:22 PM
Surr: 2-Fluorophenol	43.4		22-59	%REC	1	06/24/13 07:22 PM
Surr: 4-Terphenyl-d14	92.8		23-112	%REC	1	06/24/13 07:22 PM
Surr: Nitrobenzene-d5	63.1		31-93	%REC	1	06/24/13 07:22 PM
Surr: Phenol-d6	25.7		13-36	%REC	1	06/24/13 07:22 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: AK

1,1,1-Trichloroethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
1,1,2,2-Tetrachloroethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
1,1,2-Trichloroethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
1,1,2-Trichlorotrifluoroethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
1,1-Dichloroethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
1,1-Dichloroethene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
1,2,4-Trichlorobenzene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
1,2-Dibromo-3-chloropropane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
1,2-Dibromoethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
1,2-Dichlorobenzene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
1,2-Dichloroethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
1,2-Dichloropropane	ND		0.0020	mg/L	1	06/26/13 10:01 PM
1,3-Dichlorobenzene	ND		0.0020	mg/L	1	06/26/13 10:01 PM
1,4-Dichlorobenzene	ND		0.0020	mg/L	1	06/26/13 10:01 PM
2-Butanone	ND		0.0050	mg/L	1	06/26/13 10:01 PM
2-Hexanone	ND		0.0050	mg/L	1	06/26/13 10:01 PM
4-Methyl-2-pentanone	ND		0.0050	mg/L	1	06/26/13 10:01 PM
Acetone	ND		0.020	mg/L	1	06/26/13 10:01 PM
Benzene	ND		0.0010	mg/L	1	06/26/13 10:01 PM

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

ALS Group USA, Corp

Date: 02-Jul-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: MW-4-062013W
Collection Date: 06/20/13 05:00 PM

Work Order: 1306920
Lab ID: 1306920-01
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromodichloromethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Bromoform	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Bromomethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Carbon disulfide	ND		0.0025	mg/L	1	06/26/13 10:01 PM
Carbon tetrachloride	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Chlorobenzene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Chloroethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Chloroform	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Chloromethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
cis-1,2-Dichloroethene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
cis-1,3-Dichloropropene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Cyclohexane	ND		0.0050	mg/L	1	06/26/13 10:01 PM
Dibromochloromethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Dichlorodifluoromethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Ethylbenzene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Isopropylbenzene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Methyl acetate	ND		0.0020	mg/L	1	06/26/13 10:01 PM
Methyl tert-butyl ether	ND		0.0050	mg/L	1	06/26/13 10:01 PM
Methylcyclohexane	ND		0.0050	mg/L	1	06/26/13 10:01 PM
Methylene chloride	ND		0.0050	mg/L	1	06/26/13 10:01 PM
Styrene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Tetrachloroethene	ND		0.0020	mg/L	1	06/26/13 10:01 PM
Toluene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
trans-1,2-Dichloroethene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
trans-1,3-Dichloropropene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Trichloroethene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Trichlorofluoromethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Vinyl chloride	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Xylenes, Total	ND		0.0030	mg/L	1	06/26/13 10:01 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	98.2		70-120	%REC	1	06/26/13 10:01 PM
<i>Surr: 4-Bromofluorobenzene</i>	93.6		75-120	%REC	1	06/26/13 10:01 PM
<i>Surr: Dibromofluoromethane</i>	102		85-115	%REC	1	06/26/13 10:01 PM
<i>Surr: Toluene-d8</i>	102		85-120	%REC	1	06/26/13 10:01 PM
CHROMIUM, HEXAVALENT			SW7196A			Analyst: EE
Chromium, Hexavalent	ND	H	0.0050	mg/L	1	06/22/13 12:00 PM
FLASHPOINT, P-M CLOSED-CUP			D93			Analyst: MB
Flashpoint, P-M Closed-cup	>200			°F	1	06/24/13 04:10 PM
PH			SW9040			Analyst: EE
pH	7.11			s.u.	1	06/22/13 11:30 AM

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

ALS Group USA, Corp

Date: 02-Jul-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: Trip-05
Collection Date: 06/20/13

Work Order: 1306920
Lab ID: 1306920-02
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: AK
1,1,1-Trichloroethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
1,1,2,2-Tetrachloroethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
1,1,2-Trichloroethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
1,1,2-Trichlorotrifluoroethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
1,1-Dichloroethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
1,1-Dichloroethene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
1,2,4-Trichlorobenzene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
1,2-Dibromo-3-chloropropane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
1,2-Dibromoethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
1,2-Dichlorobenzene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
1,2-Dichloroethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
1,2-Dichloropropane	ND		0.0020	mg/L	1	06/26/13 03:19 AM
1,3-Dichlorobenzene	ND		0.0020	mg/L	1	06/26/13 03:19 AM
1,4-Dichlorobenzene	ND		0.0020	mg/L	1	06/26/13 03:19 AM
2-Butanone	ND		0.0050	mg/L	1	06/26/13 03:19 AM
2-Hexanone	ND		0.0050	mg/L	1	06/26/13 03:19 AM
4-Methyl-2-pentanone	ND		0.0050	mg/L	1	06/26/13 03:19 AM
Acetone	ND		0.020	mg/L	1	06/26/13 03:19 AM
Benzene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Bromodichloromethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Bromoform	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Bromomethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Carbon disulfide	ND		0.0025	mg/L	1	06/26/13 03:19 AM
Carbon tetrachloride	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Chlorobenzene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Chloroethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Chloroform	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Chloromethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
cis-1,2-Dichloroethene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
cis-1,3-Dichloropropene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Cyclohexane	ND		0.0050	mg/L	1	06/26/13 03:19 AM
Dibromochloromethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Dichlorodifluoromethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Ethylbenzene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Isopropylbenzene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Methyl acetate	ND		0.0020	mg/L	1	06/26/13 03:19 AM
Methyl tert-butyl ether	ND		0.0050	mg/L	1	06/26/13 03:19 AM
Methylcyclohexane	ND		0.0050	mg/L	1	06/26/13 03:19 AM
Methylene chloride	ND		0.0050	mg/L	1	06/26/13 03:19 AM

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

ALS Group USA, Corp

Date: 02-Jul-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306920

Sample ID: Trip-05

Lab ID: 1306920-02

Collection Date: 06/20/13

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Tetrachloroethene	ND		0.0020	mg/L	1	06/26/13 03:19 AM
Toluene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
trans-1,2-Dichloroethene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
trans-1,3-Dichloropropene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Trichloroethene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Trichlorofluoromethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Vinyl chloride	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Xylenes, Total	ND		0.0030	mg/L	1	06/26/13 03:19 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	98.8		70-120	%REC	1	06/26/13 03:19 AM
<i>Surr: 4-Bromofluorobenzene</i>	91.8		75-120	%REC	1	06/26/13 03:19 AM
<i>Surr: Dibromofluoromethane</i>	102		85-115	%REC	1	06/26/13 03:19 AM
<i>Surr: Toluene-d8</i>	99.6		85-120	%REC	1	06/26/13 03:19 AM

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

ALS Group USA, Corp

Date: 02-Jul-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: MW-4-062013W
Collection Date: 06/20/13 05:00 PM

Work Order: 1306920
Lab ID: 1306920-03
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 06/24/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	06/25/13 03:16 PM
2,4-D	ND		0.0050	mg/L	1	06/25/13 03:16 PM
Surr: DCAA	100		30-150	%REC	1	06/25/13 03:16 PM
TCLP PESTICIDES			SW8081		Prep Date: 06/24/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	06/25/13 01:22 PM
Endrin	ND		0.00025	mg/L	1	06/25/13 01:22 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/25/13 01:22 PM
Heptachlor	ND		0.00025	mg/L	1	06/25/13 01:22 PM
Methoxychlor	ND		0.00025	mg/L	1	06/25/13 01:22 PM
Toxaphene	ND		0.020	mg/L	1	06/25/13 01:22 PM
Surr: Decachlorobiphenyl	62.0		30-135	%REC	1	06/25/13 01:22 PM
Surr: Tetrachloro-m-xylene	45.0		25-140	%REC	1	06/25/13 01:22 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 06/24/13	Analyst: LR
Mercury	ND		0.00020	mg/L	1	06/24/13 03:23 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 06/27/13	Analyst: ML
Arsenic	ND		0.0010	mg/L	1	06/28/13 03:32 PM
Barium	0.011		0.0050	mg/L	1	06/28/13 03:32 PM
Cadmium	ND		0.00020	mg/L	1	06/28/13 03:32 PM
Chromium	ND		0.0020	mg/L	1	06/28/13 03:32 PM
Lead	ND		0.0010	mg/L	1	06/28/13 03:32 PM
Selenium	ND		0.0020	mg/L	1	06/28/13 03:32 PM
Silver	ND		0.00050	mg/L	1	06/28/13 03:32 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 06/26/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/27/13 03:13 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/27/13 03:13 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/27/13 03:13 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/27/13 03:13 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/27/13 03:13 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/27/13 03:13 PM
Hexachloroethane	ND		0.10	mg/L	1	06/27/13 03:13 PM
m-Cresol	ND		0.10	mg/L	1	06/27/13 03:13 PM
Nitrobenzene	ND		0.10	mg/L	1	06/27/13 03:13 PM
o-Cresol	ND		0.10	mg/L	1	06/27/13 03:13 PM
p-Cresol	ND		0.10	mg/L	1	06/27/13 03:13 PM
Pentachlorophenol	ND		0.40	mg/L	1	06/27/13 03:13 PM
Pyridine	ND		0.40	mg/L	1	06/27/13 03:13 PM
Surr: 2,4,6-Tribromophenol	59.7		21-125	%REC	1	06/27/13 03:13 PM

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

ALS Group USA, Corp

Date: 02-Jul-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: MW-4-062013W
Collection Date: 06/20/13 05:00 PM

Work Order: 1306920
Lab ID: 1306920-03
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	65.2		39-94	%REC	1	06/27/13 03:13 PM
<i>Surr: 2-Fluorophenol</i>	44.9		10-75	%REC	1	06/27/13 03:13 PM
<i>Surr: 4-Terphenyl-d14</i>	105		26-119	%REC	1	06/27/13 03:13 PM
<i>Surr: Nitrobenzene-d5</i>	61.4		41-104	%REC	1	06/27/13 03:13 PM
<i>Surr: Phenol-d6</i>	24.8		11-50	%REC	1	06/27/13 03:13 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 06/23/13	Analyst: AK
1,1-Dichloroethene	ND		0.020	mg/L	20	06/26/13 06:54 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/26/13 06:54 AM
2-Butanone	ND		0.20	mg/L	20	06/26/13 06:54 AM
Benzene	ND		0.020	mg/L	20	06/26/13 06:54 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/26/13 06:54 AM
Chlorobenzene	ND		0.020	mg/L	20	06/26/13 06:54 AM
Chloroform	ND		0.020	mg/L	20	06/26/13 06:54 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/26/13 06:54 AM
Trichloroethene	ND		0.020	mg/L	20	06/26/13 06:54 AM
Vinyl chloride	ND		0.020	mg/L	20	06/26/13 06:54 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	97.7		70-130	%REC	20	06/26/13 06:54 AM
<i>Surr: 4-Bromofluorobenzene</i>	91.6		70-130	%REC	20	06/26/13 06:54 AM
<i>Surr: Dibromofluoromethane</i>	103		70-130	%REC	20	06/26/13 06:54 AM
<i>Surr: Toluene-d8</i>	100		70-130	%REC	20	06/26/13 06:54 AM

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

Client: Weston Solutions, Inc

QC BATCH REPORT

Work Order: 1306920

Project: 20405.016.001.2063.00/Whirlpool Park Site

Batch ID: 49244

Instrument ID GC4

Method: SW8082

MBLK		Sample ID: PBLKW1-49244-49244				Units: µg/L		Analysis Date: 06/25/13 09:46 AM		
Client ID:		Run ID: GC4_130625A				SeqNo: 2361537		Prep Date: 06/24/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	0.20								
Aroclor 1221	ND	0.20								
Aroclor 1232	ND	0.20								
Aroclor 1242	ND	0.20								
Aroclor 1248	ND	0.20								
Aroclor 1254	ND	0.20								
Aroclor 1260	ND	0.20								
<i>Surr: Decachlorobiphenyl</i>		0.06	0	0.1	0	60	50-130	0		

LCS		Sample ID: PLCSW1-49244-49244				Units: µg/L		Analysis Date: 06/25/13 10:11 AM		
Client ID:		Run ID: GC4_130625A				SeqNo: 2361539		Prep Date: 06/24/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	1.685	0.20	2.5	0	67.4	50-130	0			
Aroclor 1260	1.823	0.20	2.5	0	72.9	50-130	0			
<i>Surr: Decachlorobiphenyl</i>		0.07	0	0.1	0	70	50-130	0		

MS		Sample ID: 1306920-01B MS				Units: µg/L		Analysis Date: 06/25/13 12:39 PM		
Client ID: MW-4-062013W		Run ID: GC4_130625A				SeqNo: 2361551		Prep Date: 06/24/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	18.79	2.0	25	0	75.2	40-140	0			
Aroclor 1260	20.33	2.0	25	0	81.3	40-140	0			
<i>Surr: Decachlorobiphenyl</i>		0.78	0	1	0	78	40-140	0		

MSD		Sample ID: 1306920-01B MSD				Units: µg/L		Analysis Date: 06/25/13 01:03 PM		
Client ID: MW-4-062013W		Run ID: GC4_130625A				SeqNo: 2361553		Prep Date: 06/24/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	18.89	2.0	25	0	75.6	40-140	18.79	0.531	50	
Aroclor 1260	20.19	2.0	25	0	80.8	40-140	20.33	0.691	50	
<i>Surr: Decachlorobiphenyl</i>		0.78	0	1	0	78	40-140	0.78	0	50

The following samples were analyzed in this batch:

1306920-01B

Client: Weston Solutions, Inc
 Work Order: 1306920
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **49245** Instrument ID **GC12** Method: **SW8081**

MBLK		Sample ID: PBLKW1-49245-49245				Units: µg/L		Analysis Date: 06/25/13 11:02 AM		
Client ID:		Run ID: GC12_130625A				SeqNo: 2360981		Prep Date: 06/24/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chlordane, Technical	ND	1.0								
Endrin	ND	0.050								
gamma-BHC (Lindane)	ND	0.050								
Heptachlor	ND	0.050								
Methoxychlor	ND	0.050								
Toxaphene	ND	4.0								
<i>Surr: Decachlorobiphenyl</i>	<i>0.057</i>	<i>0</i>	<i>0.1</i>	<i>0</i>	<i>57</i>	<i>30-135</i>	<i>0</i>			
<i>Surr: Tetrachloro-m-xylene</i>	<i>0.05</i>	<i>0</i>	<i>0.1</i>	<i>0</i>	<i>50</i>	<i>25-140</i>	<i>0</i>			

LCS		Sample ID: PLCSW1-49245-49245				Units: µg/L		Analysis Date: 06/25/13 11:17 AM		
Client ID:		Run ID: GC12_130625A				SeqNo: 2360982		Prep Date: 06/24/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Endrin	0.077	0.050	0.1	0	77	55-135	0			
gamma-BHC (Lindane)	0.068	0.050	0.1	0	68	25-135	0			
Heptachlor	0.06	0.050	0.1	0	60	40-130	0			
Methoxychlor	0.069	0.050	0.1	0	69	55-150	0			
<i>Surr: Decachlorobiphenyl</i>	<i>0.064</i>	<i>0</i>	<i>0.1</i>	<i>0</i>	<i>64</i>	<i>30-135</i>	<i>0</i>			
<i>Surr: Tetrachloro-m-xylene</i>	<i>0.054</i>	<i>0</i>	<i>0.1</i>	<i>0</i>	<i>54</i>	<i>25-140</i>	<i>0</i>			

The following samples were analyzed in this batch: | 1306920-03C |

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306920
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 49247 Instrument ID GC12 Method: SW8081

MBLK		Sample ID: PBLKW1-49247-49247				Units: µg/L		Analysis Date: 06/25/13 11:02 AM		
Client ID:		Run ID: GC12_130625A			SeqNo: 2360990		Prep Date: 06/24/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
4,4'-DDD	ND	0.020								
4,4'-DDE	ND	0.020								
4,4'-DDT	ND	0.020								
Aldrin	ND	0.010								
alpha-BHC	ND	0.010								
alpha-Chlordane	ND	0.020								
beta-BHC	ND	0.010								
Chlordane, Technical	ND	0.50								
delta-BHC	ND	0.010								
Dieldrin	ND	0.020								
Endosulfan I	ND	0.020								
Endosulfan II	ND	0.020								
Endosulfan sulfate	ND	0.020								
Endrin	ND	0.020								
Endrin aldehyde	ND	0.020								
Endrin ketone	ND	0.020								
gamma-BHC (Lindane)	ND	0.010								
gamma-Chlordane	ND	0.020								
Heptachlor	ND	0.010								
Heptachlor epoxide	ND	0.010								
Hexachlorobenzene	ND	0.010								
Methoxychlor	ND	0.040								
Toxaphene	ND	2.0								
Surr: Decachlorobiphenyl	0.057	0	0.1	0	57	30-135	0			
Surr: Tetrachloro-m-xylene	0.05	0	0.1	0	50	25-140	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306920
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 49247 Instrument ID GC12 Method: SW8081

LCS		Sample ID: PLCSW1-49247-49247				Units: µg/L		Analysis Date: 06/25/13 11:17 AM		
Client ID:		Run ID: GC12_130625A			SeqNo: 2360991		Prep Date: 06/24/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
4,4'-DDD	0.058	0.020	0.1	0	58	25-150	0			
4,4'-DDE	0.067	0.020	0.1	0	67	35-140	0			
4,4'-DDT	0.061	0.020	0.1	0	61	45-140	0			
Aldrin	0.049	0.010	0.1	0	49	25-140	0			
alpha-BHC	0.067	0.010	0.1	0	67	60-130	0			
alpha-Chlordane	0.068	0.020	0.1	0	68	50-150	0			
beta-BHC	0.069	0.010	0.1	0	69	65-125	0			
delta-BHC	0.073	0.010	0.1	0	73	45-135	0			
Dieldrin	0.071	0.020	0.1	0	71	60-130	0			
Endosulfan I	0.069	0.020	0.1	0	69	50-110	0			
Endosulfan II	0.076	0.020	0.1	0	76	30-130	0			
Endosulfan sulfate	0.07	0.020	0.1	0	70	55-135	0			
Endrin	0.077	0.020	0.1	0	77	55-135	0			
Endrin aldehyde	0.067	0.020	0.1	0	67	55-135	0			
Endrin ketone	0.073	0.020	0.1	0	73	50-150	0			
gamma-BHC (Lindane)	0.068	0.010	0.1	0	68	25-135	0			
gamma-Chlordane	0.067	0.020	0.1	0	67	50-150	0			
Heptachlor	0.06	0.010	0.1	0	60	40-130	0			
Heptachlor epoxide	0.07	0.010	0.1	0	70	60-130	0			
Methoxychlor	0.069	0.040	0.1	0	69	55-150	0			
Surr: Decachlorobiphenyl	0.064	0	0.1	0	64	30-135	0			
Surr: Tetrachloro-m-xylene	0.054	0	0.1	0	54	25-140	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306920
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 49247 Instrument ID GC12 Method: SW8081

MS		Sample ID: 1306920-01B MS				Units: µg/L		Analysis Date: 06/25/13 12:51 PM		
Client ID: MW-4-062013W		Run ID: GC12_130625A				SeqNo: 2360988		Prep Date: 06/24/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
4,4'-DDD	0.62	0.20	1	0	62	25-150	0			
4,4'-DDE	0.73	0.20	1	0	73	35-140	0			
4,4'-DDT	0.75	0.20	1	0	75	45-140	0			
Aldrin	0.47	0.10	1	0	47	25-140	0			
alpha-BHC	0.55	0.10	1	0	55	60-130	0			S
alpha-Chlordane	0.69	0.20	1	0	69	50-150	0			
beta-BHC	0.65	0.10	1	0	65	65-125	0			
delta-BHC	0.71	0.10	1	0	71	45-135	0			
Dieldrin	0.73	0.20	1	0	73	60-130	0			
Endosulfan I	0.7	0.20	1	0	70	50-110	0			
Endosulfan II	0.8	0.20	1	0	80	30-130	0			
Endosulfan sulfate	0.76	0.20	1	0	76	55-135	0			
Endrin	0.84	0.20	1	0	84	55-135	0			
Endrin aldehyde	0.69	0.20	1	0	69	55-135	0			
Endrin ketone	0.7	0.20	1	0	70	55-135	0			
gamma-BHC (Lindane)	0.63	0.10	1	0	63	25-135	0			
gamma-Chlordane	0.68	0.20	1	0	68	55-135	0			
Heptachlor	0.61	0.10	1	0	61	40-130	0			
Heptachlor epoxide	0.7	0.10	1	0	70	60-130	0			
Methoxychlor	0.91	0.40	1	0	91	55-150	0			
Surr: Decachlorobiphenyl	0.63	0	1	0	63	30-135	0			
Surr: Tetrachloro-m-xylene	0.35	0	1	0	35	25-140	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306920
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 49247 Instrument ID GC12 Method: SW8081

MSD		Sample ID: 1306920-01B MSD				Units: µg/L		Analysis Date: 06/25/13 01:06 PM		
Client ID: MW-4-062013W		Run ID: GC12_130625A				SeqNo: 2360989		Prep Date: 06/24/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
4,4'-DDD	0.7	0.20	1	0	70	25-150	0.62	12.1	50	
4,4'-DDE	0.8	0.20	1	0	80	35-140	0.73	9.15	50	
4,4'-DDT	0.84	0.20	1	0	84	45-140	0.75	11.3	50	
Aldrin	0.6	0.10	1	0	60	25-140	0.47	24.3	50	
alpha-BHC	0.71	0.10	1	0	71	60-130	0.55	25.4	50	
alpha-Chlordane	0.74	0.20	1	0	74	50-150	0.69	6.99	50	
beta-BHC	0.74	0.10	1	0	74	65-125	0.65	12.9	50	
delta-BHC	0.82	0.10	1	0	82	45-135	0.71	14.4	50	
Dieldrin	0.77	0.20	1	0	77	60-130	0.73	5.33	50	
Endosulfan I	0.75	0.20	1	0	75	50-110	0.7	6.9	50	
Endosulfan II	0.87	0.20	1	0	87	30-130	0.8	8.38	50	
Endosulfan sulfate	0.81	0.20	1	0	81	55-135	0.76	6.37	50	
Endrin	0.86	0.20	1	0	86	55-135	0.84	2.35	50	
Endrin aldehyde	0.79	0.20	1	0	79	55-135	0.69	13.5	50	
Endrin ketone	0.71	0.20	1	0	71	55-135	0.7	1.42	50	
gamma-BHC (Lindane)	0.75	0.10	1	0	75	25-135	0.63	17.4	50	
gamma-Chlordane	0.73	0.20	1	0	73	55-135	0.68	7.09	50	
Heptachlor	0.75	0.10	1	0	75	40-130	0.61	20.6	50	
Heptachlor epoxide	0.73	0.10	1	0	73	60-130	0.7	4.2	50	
Methoxychlor	0.93	0.40	1	0	93	55-150	0.91	2.17	50	
Surr: Decachlorobiphenyl	0.72	0	1	0	72	30-135	0.63	13.3	50	
Surr: Tetrachloro-m-xylene	0.57	0	1	0	57	25-140	0.35	47.8	50	

The following samples were analyzed in this batch:

1306920-01B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306920
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **49248** Instrument ID **GC7** Method: **SW8151**

MBLK		Sample ID: HBLKW1-49248-49248				Units: µg/L		Analysis Date: 06/25/13 01:33 PM		
Client ID:		Run ID: GC7_130625A		SeqNo: 2360962		Prep Date: 06/24/13		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-TP (Silvex)	ND	5.0								
2,4-D	ND	5.0								
<i>Surr: DCAA</i>	38.5	0	50	0	77	30-150	0			

LCS		Sample ID: HLC SW1-49248-49248				Units: µg/L		Analysis Date: 06/25/13 01:50 PM		
Client ID:		Run ID: GC7_130625A		SeqNo: 2360963		Prep Date: 06/24/13		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-TP (Silvex)	47.8	5.0	50	0	95.6	50-150	0			
2,4-D	52.5	5.0	50	0	105	50-150	0			
<i>Surr: DCAA</i>	48.1	0	50	0	96.2	30-150	0			

The following samples were analyzed in this batch: 1306920-03C

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306920
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **49249** Instrument ID **GC7** Method: **SW8151**

MBLK		Sample ID: HBLKW1-49249-49249				Units: µg/L		Analysis Date: 06/25/13 01:33 PM		
Client ID:		Run ID: GC7_130625A				SeqNo: 2360967		Prep Date: 06/24/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-T	ND	1.0								
2,4,5-TP (Silvex)	ND	2.0								
2,4-D	ND	2.0								
<i>Surr: DCAA</i>	38.5	0	50	0	77	30-150	0			

LCS		Sample ID: HLCSW1-49249-49249				Units: µg/L		Analysis Date: 06/25/13 01:50 PM		
Client ID:		Run ID: GC7_130625A				SeqNo: 2360968		Prep Date: 06/24/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-T	46	1.0	50	0	92	50-150	0			
2,4,5-TP (Silvex)	47.8	2.0	50	0	95.6	50-150	0			
2,4-D	52.5	2.0	50	0	105	50-150	0			
<i>Surr: DCAA</i>	48.1	0	50	0	96.2	30-150	0			

MS		Sample ID: 1306920-01B MS				Units: µg/L		Analysis Date: 06/25/13 02:42 PM		
Client ID: MW-4-062013W		Run ID: GC7_130625A				SeqNo: 2360965		Prep Date: 06/24/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-T	48.2	1.0	50	0	96.4	50-150	0			
2,4,5-TP (Silvex)	49.3	2.0	50	0	98.6	50-150	0			
2,4-D	54	2.0	50	0	108	50-150	0			
<i>Surr: DCAA</i>	52	0	50	0	104	30-150	0			

MSD		Sample ID: 1306920-01B MSD				Units: µg/L		Analysis Date: 06/25/13 02:59 PM		
Client ID: MW-4-062013W		Run ID: GC7_130625A				SeqNo: 2360966		Prep Date: 06/24/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-T	48.1	1.0	50	0	96.2	50-150	48.2	0.208	30	
2,4,5-TP (Silvex)	48.8	2.0	50	0	97.6	50-150	49.3	1.02	30	
2,4-D	51.8	2.0	50	0	104	50-150	54	4.16	30	
<i>Surr: DCAA</i>	50.6	0	50	0	101	30-150	52	2.73	30	

The following samples were analyzed in this batch: | 1306920-01B |

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306920
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **49265** Instrument ID **HG1** Method: **SW7470**

MBLK	Sample ID: MBLK-49265-49265		Units: mg/L		Analysis Date: 06/24/13 02:42 PM					
Client ID:	Run ID: HG1_130624A		SeqNo: 2358619		Prep Date: 06/24/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury ND 0.00020

LCS	Sample ID: LCS-49265-49265		Units: mg/L		Analysis Date: 06/24/13 02:44 PM					
Client ID:	Run ID: HG1_130624A		SeqNo: 2358620		Prep Date: 06/24/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.001971 0.00020 0.002 0 98.6 80-120 0

MS	Sample ID: 1306905-06CMS		Units: mg/L		Analysis Date: 06/24/13 02:50 PM					
Client ID:	Run ID: HG1_130624A		SeqNo: 2358623		Prep Date: 06/24/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.001817 0.00020 0.002 -0.000008 91.2 75-125 0

MSD	Sample ID: 1306905-06CMSD		Units: mg/L		Analysis Date: 06/24/13 02:52 PM					
Client ID:	Run ID: HG1_130624A		SeqNo: 2358624		Prep Date: 06/24/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.001795 0.00020 0.002 -0.000008 90.2 75-125 0.001817 1.22 20

The following samples were analyzed in this batch: 1306920-01C 1306920-03B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306920
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **49354** Instrument ID **ICPMS1** Method: **SW6020A**

MBLK		Sample ID: MBLK-49354-49354			Units: mg/L		Analysis Date: 06/28/13 06:18 AM			
Client ID:		Run ID: ICPMS1_130627A			SeqNo: 2364153		Prep Date: 06/27/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	ND	0.0050								
Arsenic	ND	0.0050								
Barium	ND	0.0050								
Beryllium	ND	0.0020								
Cadmium	ND	0.0020								
Calcium	0.212	0.50								J
Chromium	ND	0.0050								
Cobalt	ND	0.0050								
Copper	ND	0.0050								
Iron	0.01277	0.080								J
Lead	0.00007414	0.0050								J
Manganese	0.0001801	0.0050								J
Nickel	0.0009432	0.0050								J
Potassium	ND	0.20								
Selenium	ND	0.0050								
Silver	ND	0.0050								
Thallium	ND	0.0050								
Vanadium	ND	0.0050								
Zinc	0.001815	0.010								J

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306920
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **49354** Instrument ID **ICPMS1** Method: **SW6020A**

LCS		Sample ID: LCS-49354-49354				Units: mg/L		Analysis Date: 06/28/13 06:25 AM		
Client ID:		Run ID: ICPMS1_130627A			SeqNo: 2364154		Prep Date: 06/27/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.1016	0.0050	0.1	0	102	80-120	0			
Arsenic	0.1017	0.0050	0.1	0	102	80-120	0			
Barium	0.09735	0.0050	0.1	0	97.4	80-120	0			
Beryllium	0.1045	0.0020	0.1	0	104	80-120	0			
Cadmium	0.1025	0.0020	0.1	0	102	80-120	0			
Calcium	9.872	0.50	10	0	98.7	80-120	0			
Chromium	0.09756	0.0050	0.1	0	97.6	80-120	0			
Cobalt	0.09707	0.0050	0.1	0	97.1	80-120	0			
Copper	0.09933	0.0050	0.1	0	99.3	80-120	0			
Iron	10.01	0.080	10	0	100	80-120	0			
Lead	0.1021	0.0050	0.1	0	102	80-120	0			
Manganese	0.09764	0.0050	0.1	0	97.6	80-120	0			
Nickel	0.09966	0.0050	0.1	0	99.7	80-120	0			
Potassium	9.643	0.20	10	0	96.4	80-120	0			
Selenium	0.09557	0.0050	0.1	0	95.6	80-120	0			
Silver	0.1124	0.0050	0.1	0	112	80-120	0			
Thallium	0.09591	0.0050	0.1	0	95.9	80-120	0			
Vanadium	0.09893	0.0050	0.1	0	98.9	80-120	0			
Zinc	0.1026	0.010	0.1	0	103	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306920
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **49354** Instrument ID **ICPMS1** Method: **SW6020A**

MS		Sample ID: 1306905-06CMS				Units: mg/L		Analysis Date: 06/28/13 07:44 AM		
Client ID:		Run ID: ICPMS1_130627A			SeqNo: 2364167		Prep Date: 06/27/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.09964	0.0050	0.1	-0.00001341	99.7	75-125	0			
Arsenic	0.1018	0.0050	0.1	0.0003659	101	75-125	0			
Barium	0.1044	0.0050	0.1	0.008386	96	75-125	0			
Beryllium	0.09916	0.0020	0.1	-0.00005014	99.2	75-125	0			
Boron	0.4707	0.020	0.5	0.007758	92.6	75-125	0			
Cadmium	0.09999	0.0020	0.1	-0.00001392	100	75-125	0			
Calcium	66.3	0.50	10	57.79	85.1	75-125	0			O
Chromium	0.0953	0.0050	0.1	0.0004022	94.9	75-125	0			
Cobalt	0.09323	0.0050	0.1	0.00002361	93.2	75-125	0			
Copper	0.09344	0.0050	0.1	0.0003284	93.1	75-125	0			
Iron	9.849	0.080	10	0.09475	97.5	75-125	0			
Lead	0.1013	0.0050	0.1	0.0001124	101	75-125	0			
Magnesium	21.83	0.20	10	12.78	90.5	75-125	0			
Manganese	0.09848	0.0050	0.1	0.003419	95.1	75-125	0			
Nickel	0.09372	0.0050	0.1	0.0004598	93.3	75-125	0			
Potassium	10.19	0.20	10	0.5799	96.1	75-125	0			
Selenium	0.09484	0.0050	0.1	0.0004613	94.4	75-125	0			
Silver	0.1052	0.0050	0.1	-0.00003084	105	75-125	0			
Sodium	24.85	0.20	10	15.86	89.9	75-125	0			
Thallium	0.09543	0.0050	0.1	-0.0001929	95.6	75-125	0			
Vanadium	0.09761	0.0050	0.1	0.0003118	97.3	75-125	0			
Zinc	0.09826	0.010	0.1	0.00177	96.5	75-125	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306920
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 49354 Instrument ID ICPMS1 Method: SW6020A

MSD		Sample ID: 1306905-06CMSD				Units: mg/L		Analysis Date: 06/28/13 09:21 AM		
Client ID:		Run ID: ICPMS1_130627A				SeqNo: 2364798		Prep Date: 06/27/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.1004	0.0050	0.1	-0.00001341	100	75-125	0.09964	0.76	20	
Arsenic	0.1039	0.0050	0.1	0.0003659	104	75-125	0.1018	2.04	20	
Barium	0.1074	0.0050	0.1	0.008386	99	75-125	0.1044	2.83	20	
Beryllium	0.1037	0.0020	0.1	-0.00005014	104	75-125	0.09916	4.48	20	
Boron	0.4993	0.020	0.5	0.007758	98.3	75-125	0.4707	5.9	20	
Cadmium	0.1005	0.0020	0.1	-0.00001392	101	75-125	0.09999	0.509	20	
Calcium	70.16	0.50	10	57.79	124	75-125	66.3	5.66	20	O
Chromium	0.09963	0.0050	0.1	0.0004022	99.2	75-125	0.0953	4.44	20	
Cobalt	0.09665	0.0050	0.1	0.00002361	96.6	75-125	0.09323	3.6	20	
Copper	0.09651	0.0050	0.1	0.0003284	96.2	75-125	0.09344	3.23	20	
Iron	9.973	0.080	10	0.09475	98.8	75-125	9.849	1.25	20	
Lead	0.1018	0.0050	0.1	0.0001124	102	75-125	0.1013	0.492	20	
Magnesium	23.75	0.20	10	12.78	110	75-125	21.83	8.42	20	
Manganese	0.1028	0.0050	0.1	0.003419	99.4	75-125	0.09848	4.29	20	
Nickel	0.0955	0.0050	0.1	0.0004598	95	75-125	0.09372	1.88	20	
Potassium	10.53	0.20	10	0.5799	99.5	75-125	10.19	3.28	20	
Selenium	0.09798	0.0050	0.1	0.0004613	97.5	75-125	0.09484	3.26	20	
Silver	0.1076	0.0050	0.1	-0.00003084	108	75-125	0.1052	2.26	20	
Sodium	27.14	0.20	10	15.86	113	75-125	24.85	8.81	20	
Thallium	0.09477	0.0050	0.1	-0.0001929	95	75-125	0.09543	0.694	20	
Vanadium	0.101	0.0050	0.1	0.0003118	101	75-125	0.09761	3.41	20	
Zinc	0.101	0.010	0.1	0.00177	99.2	75-125	0.09826	2.75	20	

The following samples were analyzed in this batch:

1306920-01C	1306920-03B
-------------	-------------

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306920
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **49240** Instrument ID **SVMS4** Method: **SW8270**

MBLK Sample ID: **SBLKW1-49240-49240** Units: **µg/L** Analysis Date: **06/24/13 05:47 PM**
 Client ID: Run ID: **SVMS4_130624A** SeqNo: **2360023** Prep Date: **06/24/13** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	ND	5.0								
2,4,5-Trichlorophenol	ND	5.0								
2,4,6-Trichlorophenol	ND	5.0								
2,4-Dichlorophenol	ND	10								
2,4-Dimethylphenol	ND	5.0								
2,4-Dinitrophenol	ND	5.0								
2,4-Dinitrotoluene	ND	5.0								
2,6-Dinitrotoluene	ND	5.0								
2-Chloronaphthalene	ND	5.0								
2-Chlorophenol	ND	5.0								
2-Methylnaphthalene	ND	5.0								
2-Methylphenol	ND	5.0								
2-Nitroaniline	ND	20								
2-Nitrophenol	ND	5.0								
3,3'-Dichlorobenzidine	ND	5.0								
3-Nitroaniline	ND	20								
4,6-Dinitro-2-methylphenol	ND	20								
4-Bromophenyl phenyl ether	ND	5.0								
4-Chloro-3-methylphenol	ND	5.0								
4-Chloroaniline	ND	20								
4-Chlorophenyl phenyl ether	ND	5.0								
4-Methylphenol	ND	5.0								
4-Nitroaniline	ND	20								
4-Nitrophenol	ND	20								
Acenaphthene	ND	5.0								
Acenaphthylene	ND	5.0								
Acetophenone	ND	1.0								
Anthracene	ND	5.0								
Atrazine	ND	1.0								
Benzaldehyde	ND	1.0								
Benzo(a)anthracene	ND	5.0								
Benzo(a)pyrene	ND	5.0								
Benzo(b)fluoranthene	ND	5.0								
Benzo(g,h,i)perylene	ND	5.0								
Benzo(k)fluoranthene	ND	5.0								
Bis(2-chloroethoxy)methane	ND	5.0								
Bis(2-chloroethyl)ether	ND	5.0								
Bis(2-chloroisopropyl)ether	ND	5.0								
Bis(2-ethylhexyl)phthalate	ND	5.0								
Butyl benzyl phthalate	ND	5.0								
Caprolactam	ND	10								
Carbazole	ND	10								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306920
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 49240	Instrument ID SVMS4	Method: SW8270					
Chrysene	ND	5.0					
Dibenzo(a,h)anthracene	ND	5.0					
Dibenzofuran	ND	5.0					
Diethyl phthalate	ND	20					
Dimethyl phthalate	ND	20					
Di-n-butyl phthalate	ND	5.0					
Di-n-octyl phthalate	ND	5.0					
Fluoranthene	ND	5.0					
Fluorene	ND	5.0					
Hexachlorobenzene	ND	5.0					
Hexachlorobutadiene	ND	5.0					
Hexachlorocyclopentadiene	ND	20					
Hexachloroethane	ND	5.0					
Indeno(1,2,3-cd)pyrene	ND	5.0					
Isophorone	ND	5.0					
Naphthalene	1.24	5.0					J
Nitrobenzene	ND	5.0					
N-Nitrosodi-n-propylamine	ND	5.0					
N-Nitrosodiphenylamine	ND	5.0					
Pentachlorophenol	ND	20					
Phenanthrene	ND	5.0					
Phenol	ND	5.0					
Pyrene	ND	5.0					
<i>Surr: 2,4,6-Tribromophenol</i>	32.7	0	50	0	65.4	38-115	0
<i>Surr: 2-Fluorobiphenyl</i>	30.34	0	50	0	60.7	32-100	0
<i>Surr: 2-Fluorophenol</i>	20.96	0	50	0	41.9	22-59	0
<i>Surr: 4-Terphenyl-d14</i>	51.47	0	50	0	103	23-112	0
<i>Surr: Nitrobenzene-d5</i>	29.39	0	50	0	58.8	31-93	0
<i>Surr: Phenol-d6</i>	12.2	0	50	0	24.4	13-36	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306920
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 49240 Instrument ID SVMS4 Method: SW8270

LCS		Sample ID: SLCSW1-49240-49240				Units: µg/L		Analysis Date: 06/24/13 03:39 PM		
Client ID:		Run ID: SVMS4_130624A			SeqNo: 2360019		Prep Date: 06/24/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	11.73	5.0	20	0	58.6	50-110	0			
2,4,6-Trichlorophenol	13.1	5.0	20	0	65.5	50-115	0			
2,4-Dichlorophenol	13.22	10	20	0	66.1	50-105	0			
2,4-Dimethylphenol	11.29	5.0	20	0	56.4	30-110	0			
2,4-Dinitrophenol	15.21	5.0	20	0	76	15-140	0			
2,4-Dinitrotoluene	15.01	5.0	20	0	75	50-120	0			
2,6-Dinitrotoluene	16.46	5.0	20	0	82.3	50-115	0			
2-Chloronaphthalene	14.41	5.0	20	0	72	50-105	0			
2-Chlorophenol	14.95	5.0	20	0	74.8	35-105	0			
2-Methylnaphthalene	14.45	5.0	20	0	72.2	45-105	0			
2-Methylphenol	13.18	5.0	20	0	65.9	40-110	0			
2-Nitroaniline	14.45	20	20	0	72.2	50-115	0			J
2-Nitrophenol	14.93	5.0	20	0	74.6	40-115	0			
3-Nitroaniline	8.46	20	20	0	42.3	20-125	0			J
4,6-Dinitro-2-methylphenol	15.81	20	20	0	79	40-130	0			J
4-Bromophenyl phenyl ether	15.15	5.0	20	0	75.8	50-115	0			
4-Chloro-3-methylphenol	14.01	5.0	20	0	70	45-110	0			
4-Chloroaniline	15.42	20	20	0	77.1	15-110	0			J
4-Chlorophenyl phenyl ether	13.48	5.0	20	0	67.4	50-110	0			
4-Methylphenol	12.78	5.0	20	0	63.9	30-110	0			
4-Nitroaniline	9.08	20	20	0	45.4	35-150	0			J
4-Nitrophenol	7.6	20	20	0	38	1-58	0			J
Acenaphthene	15.21	5.0	20	0	76	45-110	0			
Acenaphthylene	15.18	5.0	20	0	75.9	50-105	0			
Anthracene	15.57	5.0	20	0	77.8	55-110	0			
Benzo(a)anthracene	16.05	5.0	20	0	80.2	55-110	0			
Benzo(a)pyrene	17.3	5.0	20	0	86.5	55-110	0			
Benzo(b)fluoranthene	17.05	5.0	20	0	85.2	45-120	0			
Benzo(g,h,i)perylene	15.18	5.0	20	0	75.9	40-125	0			
Benzo(k)fluoranthene	18.01	5.0	20	0	90	45-125	0			
Bis(2-chloroethoxy)methane	15.15	5.0	20	0	75.8	45-105	0			
Bis(2-chloroethyl)ether	18.26	5.0	20	0	91.3	35-110	0			
Bis(2-chloroisopropyl)ether	15.72	5.0	20	0	78.6	25-130	0			
Bis(2-ethylhexyl)phthalate	17.15	5.0	20	0	85.8	40-125	0			
Butyl benzyl phthalate	18.46	5.0	20	0	92.3	45-115	0			
Carbazole	14.12	10	20	0	70.6	50-150	0			
Chrysene	17.84	5.0	20	0	89.2	55-110	0			
Dibenzo(a,h)anthracene	14.53	5.0	20	0	72.6	40-125	0			
Dibenzofuran	14.86	5.0	20	0	74.3	55-105	0			
Diethyl phthalate	15.69	20	20	0	78.4	40-120	0			J
Dimethyl phthalate	15.95	20	20	0	79.8	25-125	0			J
Di-n-butyl phthalate	16.58	5.0	20	0	82.9	55-115	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306920
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 49240	Instrument ID SVMS4	Method: SW8270						
Di-n-octyl phthalate	15.61	5.0	20	0	78	35-135	0	
Fluoranthene	16.74	5.0	20	0	83.7	55-115	0	
Fluorene	15.01	5.0	20	0	75	50-110	0	
Hexachlorobenzene	16.22	5.0	20	0	81.1	50-110	0	
Hexachlorobutadiene	12.73	5.0	20	0	63.6	25-105	0	
Hexachlorocyclopentadiene	10.06	20	20	0	50.3	25-105	0 J	
Hexachloroethane	14.45	5.0	20	0	72.2	30-95	0	
Indeno(1,2,3-cd)pyrene	14.9	5.0	20	0	74.5	45-125	0	
Isophorone	14.5	5.0	20	0	72.5	50-110	0	
Naphthalene	15.04	5.0	20	0	75.2	40-100	0	
Nitrobenzene	14.27	5.0	20	0	71.4	45-110	0	
N-Nitrosodi-n-propylamine	15.89	5.0	20	0	79.4	35-130	0	
N-Nitrosodiphenylamine	17.54	5.0	20	0	87.7	50-110	0	
Pentachlorophenol	11.81	20	20	0	59	40-115	0 J	
Phenanthrene	15.54	5.0	20	0	77.7	50-115	0	
Phenol	6.74	5.0	20	0	33.7	12-43	0	
Pyrene	18.17	5.0	20	0	90.8	50-130	0	
<i>Surr: 2,4,6-Tribromophenol</i>	30.47	0	50	0	60.9	38-115	0	
<i>Surr: 2-Fluorobiphenyl</i>	32.38	0	50	0	64.8	32-100	0	
<i>Surr: 2-Fluorophenol</i>	22.16	0	50	0	44.3	22-59	0	
<i>Surr: 4-Terphenyl-d14</i>	49.13	0	50	0	98.3	23-112	0	
<i>Surr: Nitrobenzene-d5</i>	30.58	0	50	0	61.2	31-93	0	
<i>Surr: Phenol-d6</i>	13.08	0	50	0	26.2	13-36	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306920
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **49240** Instrument ID **SVMS4** Method: **SW8270**

MS		Sample ID: 1306916-01B MS				Units: µg/L		Analysis Date: 06/24/13 04:11 PM		
Client ID:		Run ID: SVMS4_130624A				SeqNo: 2360020		Prep Date: 06/24/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	116.3	50	200	0	58.2	50-110	0			
2,4,6-Trichlorophenol	127.6	50	200	0	63.8	50-115	0			
2,4-Dichlorophenol	130.8	100	200	0	65.4	50-105	0			
2,4-Dimethylphenol	124.1	50	200	0	62	30-110	0			
2,4-Dinitrophenol	160.8	50	200	0	80.4	15-140	0			
2,4-Dinitrotoluene	153.9	50	200	0	77	50-120	0			
2,6-Dinitrotoluene	165.4	50	200	0	82.7	50-115	0			
2-Chloronaphthalene	140.2	50	200	0	70.1	50-105	0			
2-Chlorophenol	149.8	50	200	0	74.9	35-105	0			
2-Methylnaphthalene	140.7	50	200	0	70.4	45-105	0			
2-Methylphenol	135.2	50	200	0	67.6	40-110	0			
2-Nitroaniline	145.1	200	200	0	72.6	50-115	0			J
2-Nitrophenol	148.4	50	200	0	74.2	40-115	0			
3-Nitroaniline	103.1	200	200	0	51.6	20-125	0			J
4,6-Dinitro-2-methylphenol	164.9	200	200	0	82.4	40-130	0			J
4-Bromophenyl phenyl ether	148.6	50	200	0	74.3	50-115	0			
4-Chloro-3-methylphenol	143.5	50	200	0	71.8	45-110	0			
4-Chloroaniline	166.2	200	200	0	83.1	15-110	0			J
4-Chlorophenyl phenyl ether	135.1	50	200	0	67.6	50-110	0			
4-Methylphenol	131.8	50	200	0	65.9	30-110	0			
4-Nitroaniline	112	200	200	0	56	35-150	0			J
4-Nitrophenol	75.5	200	200	0	37.8	1-58	0			J
Acenaphthene	147.3	50	200	0	73.6	45-110	0			
Acenaphthylene	148.6	50	200	0	74.3	50-105	0			
Anthracene	158.3	50	200	0	79.2	55-110	0			
Benzo(a)anthracene	164.9	50	200	0	82.4	55-110	0			
Benzo(a)pyrene	177.4	50	200	0	88.7	55-110	0			
Benzo(b)fluoranthene	173.8	50	200	0	86.9	45-120	0			
Benzo(g,h,i)perylene	157.7	50	200	0	78.8	40-125	0			
Benzo(k)fluoranthene	184.8	50	200	0	92.4	45-125	0			
Bis(2-chloroethoxy)methane	149.6	50	200	0	74.8	45-105	0			
Bis(2-chloroethyl)ether	172.1	50	200	0	86	35-110	0			
Bis(2-chloroisopropyl)ether	153.4	50	200	0	76.7	25-130	0			
Bis(2-ethylhexyl)phthalate	175.4	50	200	0	87.7	40-125	0			
Butyl benzyl phthalate	190.9	50	200	0	95.4	45-115	0			
Carbazole	164.7	100	200	0	82.4	50-150	0			
Chrysene	183.4	50	200	0	91.7	55-110	0			
Dibenzo(a,h)anthracene	150.5	50	200	0	75.2	40-125	0			
Dibenzofuran	147.4	50	200	0	73.7	55-105	0			
Diethyl phthalate	162.9	200	200	0	81.4	40-120	0			J
Dimethyl phthalate	171.5	200	200	6.11	82.7	25-125	0			J
Di-n-butyl phthalate	170.8	50	200	0	85.4	55-115	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306920
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 49240	Instrument ID SVMS4		Method: SW8270					
Di-n-octyl phthalate	162.4	50	200	0	81.2	35-135	0	
Fluoranthene	171.4	50	200	0	85.7	55-115	0	
Fluorene	149.2	50	200	0	74.6	50-110	0	
Hexachlorobenzene	159.3	50	200	0	79.6	50-110	0	
Hexachlorobutadiene	123.1	50	200	0	61.6	25-105	0	
Hexachlorocyclopentadiene	104.9	200	200	0	52.4	25-105	0	J
Hexachloroethane	139.6	50	200	0	69.8	30-95	0	
Indeno(1,2,3-cd)pyrene	154.7	50	200	0	77.4	45-125	0	
Isophorone	145.6	50	200	0	72.8	50-110	0	
Naphthalene	146.2	50	200	1.3	72.4	40-100	0	
Nitrobenzene	140.9	50	200	0	70.4	45-110	0	
N-Nitrosodi-n-propylamine	155.6	50	200	0	77.8	35-130	0	
N-Nitrosodiphenylamine	172.4	50	200	0	86.2	50-110	0	
Pentachlorophenol	121.6	200	200	0	60.8	40-115	0	J
Phenanthrene	155.3	50	200	0	77.6	50-115	0	
Phenol	66.3	50	200	0	33.2	12-43	0	
Pyrene	185.7	50	200	0	92.8	50-130	0	
<i>Surr: 2,4,6-Tribromophenol</i>	323.5	0	500	0	64.7	38-115	0	
<i>Surr: 2-Fluorobiphenyl</i>	316.9	0	500	0	63.4	32-100	0	
<i>Surr: 2-Fluorophenol</i>	222.9	0	500	0	44.6	22-59	0	
<i>Surr: 4-Terphenyl-d14</i>	516.1	0	500	0	103	23-112	0	
<i>Surr: Nitrobenzene-d5</i>	299.1	0	500	0	59.8	31-93	0	
<i>Surr: Phenol-d6</i>	129.8	0	500	0	26	13-36	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306920
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 49240 Instrument ID SVMS4 Method: SW8270

MSD		Sample ID: 1306916-01B MSD				Units: µg/L		Analysis Date: 06/24/13 04:43 PM		
Client ID:		Run ID: SVMS4_130624A			SeqNo: 2360021		Prep Date: 06/24/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	104	50	200	0	52	50-110	116.3	11.2	30	
2,4,6-Trichlorophenol	118	50	200	0	59	50-115	127.6	7.82	30	
2,4-Dichlorophenol	115.5	100	200	0	57.8	50-105	130.8	12.4	30	
2,4-Dimethylphenol	109.7	50	200	0	54.8	30-110	124.1	12.3	30	
2,4-Dinitrophenol	124	50	200	0	62	15-140	160.8	25.8	30	
2,4-Dinitrotoluene	140	50	200	0	70	50-120	153.9	9.46	30	
2,6-Dinitrotoluene	149.3	50	200	0	74.6	50-115	165.4	10.2	30	
2-Chloronaphthalene	125.5	50	200	0	62.8	50-105	140.2	11.1	30	
2-Chlorophenol	128.5	50	200	0	64.2	35-105	149.8	15.3	30	
2-Methylnaphthalene	124.3	50	200	0	62.2	45-105	140.7	12.4	30	
2-Methylphenol	115.7	50	200	0	57.8	40-110	135.2	15.5	30	
2-Nitroaniline	127.4	200	200	0	63.7	50-115	145.1	0	30	J
2-Nitrophenol	127	50	200	0	63.5	40-115	148.4	15.5	30	
3-Nitroaniline	84.4	200	200	0	42.2	20-125	103.1	0	30	J
4,6-Dinitro-2-methylphenol	145.8	200	200	0	72.9	40-130	164.9	0	30	J
4-Bromophenyl phenyl ether	136.7	50	200	0	68.4	50-115	148.6	8.34	30	
4-Chloro-3-methylphenol	123.4	50	200	0	61.7	45-110	143.5	15.1	30	
4-Chloroaniline	144.8	200	200	0	72.4	15-110	166.2	0	30	J
4-Chlorophenyl phenyl ether	121.5	50	200	0	60.8	50-110	135.1	10.6	30	
4-Methylphenol	113.1	50	200	0	56.6	30-110	131.8	15.3	30	
4-Nitroaniline	93.1	200	200	0	46.6	35-150	112	0	30	J
4-Nitrophenol	67.9	200	200	0	34	1-58	75.5	0	0	J
Acenaphthene	133	50	200	0	66.5	45-110	147.3	10.2	30	
Acenaphthylene	132.3	50	200	0	66.2	50-105	148.6	11.6	30	
Anthracene	144.4	50	200	0	72.2	55-110	158.3	9.18	30	
Benzo(a)anthracene	152.5	50	200	0	76.2	55-110	164.9	7.81	30	
Benzo(a)pyrene	166.2	50	200	0	83.1	55-110	177.4	6.52	30	
Benzo(b)fluoranthene	165.8	50	200	0	82.9	45-120	173.8	4.71	30	
Benzo(g,h,i)perylene	145.7	50	200	0	72.8	40-125	157.7	7.91	30	
Benzo(k)fluoranthene	170.8	50	200	0	85.4	45-125	184.8	7.87	30	
Bis(2-chloroethoxy)methane	131.7	50	200	0	65.8	45-105	149.6	12.7	30	
Bis(2-chloroethyl)ether	155.9	50	200	0	78	35-110	172.1	9.88	30	
Bis(2-chloroisopropyl)ether	133.6	50	200	0	66.8	25-130	153.4	13.8	30	
Bis(2-ethylhexyl)phthalate	162.2	50	200	0	81.1	40-125	175.4	7.82	30	
Butyl benzyl phthalate	174.6	50	200	0	87.3	45-115	190.9	8.92	30	
Carbazole	152.8	100	200	0	76.4	50-150	164.7	7.5	30	
Chrysene	166.8	50	200	0	83.4	55-110	183.4	9.48	30	
Dibenzo(a,h)anthracene	140.7	50	200	0	70.4	40-125	150.5	6.73	30	
Dibenzofuran	130.4	50	200	0	65.2	55-105	147.4	12.2	30	
Diethyl phthalate	144.1	200	200	0	72	40-120	162.9	0	30	J
Dimethyl phthalate	151.1	200	200	6.11	72.5	25-125	171.5	0	30	J
Di-n-butyl phthalate	157.5	50	200	0	78.8	55-115	170.8	8.1	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306920
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 49240	Instrument ID SVMS4	Method: SW8270								
Di-n-octyl phthalate	151.2	50	200	0	75.6	35-135	162.4	7.14	30	
Fluoranthene	157.6	50	200	0	78.8	55-115	171.4	8.39	30	
Fluorene	133.3	50	200	0	66.6	50-110	149.2	11.3	30	
Hexachlorobenzene	148.5	50	200	0	74.2	50-110	159.3	7.02	30	
Hexachlorobutadiene	110.4	50	200	0	55.2	25-105	123.1	10.9	30	
Hexachlorocyclopentadiene	96.7	200	200	0	48.4	25-105	104.9	0	30	J
Hexachloroethane	123.2	50	200	0	61.6	30-95	139.6	12.5	30	
Indeno(1,2,3-cd)pyrene	143.5	50	200	0	71.8	45-125	154.7	7.51	30	
Isophorone	127.9	50	200	0	64	50-110	145.6	12.9	30	
Naphthalene	129.5	50	200	1.3	64.1	40-100	146.2	12.1	30	
Nitrobenzene	123.6	50	200	0	61.8	45-110	140.9	13.1	30	
N-Nitrosodi-n-propylamine	134.6	50	200	0	67.3	35-130	155.6	14.5	30	
N-Nitrosodiphenylamine	157.2	50	200	0	78.6	50-110	172.4	9.22	30	
Pentachlorophenol	113.1	200	200	0	56.6	40-115	121.6	0	30	J
Phenanthrene	143.1	50	200	0	71.6	50-115	155.3	8.18	30	
Phenol	55.6	50	200	0	27.8	12-43	66.3	17.6	30	
Pyrene	168.9	50	200	0	84.4	50-130	185.7	9.48	30	
<i>Surr: 2,4,6-Tribromophenol</i>	288.2	0	500	0	57.6	38-115	323.5	11.5	40	
<i>Surr: 2-Fluorobiphenyl</i>	281.5	0	500	0	56.3	32-100	316.9	11.8	40	
<i>Surr: 2-Fluorophenol</i>	183.2	0	500	0	36.6	22-59	222.9	19.6	40	
<i>Surr: 4-Terphenyl-d14</i>	467.3	0	500	0	93.5	23-112	516.1	9.92	40	
<i>Surr: Nitrobenzene-d5</i>	261.2	0	500	0	52.2	31-93	299.1	13.5	40	
<i>Surr: Phenol-d6</i>	105.1	0	500	0	21	13-36	129.8	21	40	

The following samples were analyzed in this batch:

1306920-01B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306920
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 49307 Instrument ID SVMS6 Method: E625

MBLK		Sample ID: SBLKW1-49307-49307				Units: µg/L		Analysis Date: 06/26/13 04:11 PM		
Client ID:		Run ID: SVMS6_130626A				SeqNo: 2362229		Prep Date: 06/26/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Hexachlorobenzene	ND	5.0								
Hexachloroethane	ND	5.0								
Nitrobenzene	ND	5.0								
<i>Surr: 2,4,6-Tribromophenol</i>	36.13	0	50	0	72.3	38-115	0			
<i>Surr: 2-Fluorobiphenyl</i>	34.71	0	50	0	69.4	32-100	0			
<i>Surr: 2-Fluorophenol</i>	21.69	0	50	0	43.4	22-59	0			
<i>Surr: 4-Terphenyl-d14</i>	52.29	0	50	0	105	23-112	0			
<i>Surr: Nitrobenzene-d5</i>	32.03	0	50	0	64.1	31-93	0			
<i>Surr: Phenol-d6</i>	11.73	0	50	0	23.5	13-36	0			

LCS		Sample ID: SLCSW1-49307-49307				Units: µg/L		Analysis Date: 06/27/13 11:59 AM		
Client ID:		Run ID: SVMS4_130627A				SeqNo: 2364672		Prep Date: 06/26/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,4-Dichlorobenzene	15.23	5.0	20	0	76.2	30-110	0			
2,4,5-Trichlorophenol	12.31	5.0	20	0	61.6	50-110	0			
2,4,6-Trichlorophenol	13.3	5.0	20	0	66.5	50-115	0			
2,4-Dinitrotoluene	14.66	5.0	20	0	73.3	50-120	0			
Hexachloro-1,3-butadiene	12.63	5.0	20	0	63.2	25-105	0			
Hexachlorobenzene	15.96	5.0	20	0	79.8	50-110	0			
Hexachloroethane	14.73	5.0	20	0	73.6	30-95	0			
m-Cresol	12.04	5.0	20	0	60.2	30-110	0			
Nitrobenzene	14.29	5.0	20	0	71.4	45-110	0			
o-Cresol	12.52	5.0	20	0	62.6	40-110	0			
p-Cresol	12.04	5.0	20	0	60.2	30-110	0			
Pentachlorophenol	13.1	20	20	0	65.5	40-115	0			J
Pyridine	6.96	20	20	0	34.8	10-71	0			J
<i>Surr: 2,4,6-Tribromophenol</i>	31.5	0	50	0	63	21-125	0			
<i>Surr: 2-Fluorobiphenyl</i>	31.78	0	50	0	63.6	36-94	0			
<i>Surr: 2-Fluorophenol</i>	22.01	0	50	0	44	10-75	0			
<i>Surr: 4-Terphenyl-d14</i>	52.6	0	50	0	105	26-119	0			
<i>Surr: Nitrobenzene-d5</i>	30.04	0	50	0	60.1	41-104	0			
<i>Surr: Phenol-d6</i>	13.1	0	50	0	26.2	11-50	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306920
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 49307 Instrument ID SVMS6 Method: E625

MS		Sample ID: 1306920-03C MS				Units: µg/L		Analysis Date: 06/27/13 01:03 PM		
Client ID: MW-4-062013W		Run ID: SVMS4_130627A				SeqNo: 2364673		Prep Date: 06/26/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,4-Dichlorobenzene	293.8	100	400	0	73.4	30-110	0			
2,4,5-Trichlorophenol	235.2	100	400	0	58.8	50-110	0			
2,4,6-Trichlorophenol	251	100	400	0	62.8	50-115	0			
2,4-Dinitrotoluene	287.6	100	400	0	71.9	50-120	0			
Hexachloro-1,3-butadiene	249.6	100	400	0	62.4	25-105	0			
Hexachlorobenzene	313.6	100	400	0	78.4	50-110	0			
Hexachloroethane	284.2	100	400	0	71	30-95	0			
m-Cresol	212	100	400	0	53	30-110	0			
Nitrobenzene	276.2	100	400	0	69	45-110	0			
o-Cresol	237.6	100	400	0	59.4	40-110	0			
p-Cresol	212	100	400	0	53	30-110	0			
Pentachlorophenol	275.6	400	400	0	68.9	40-115	0			J
Pyridine	139.6	400	400	0	34.9	10-80	0			J
Surr: 2,4,6-Tribromophenol	624.8	0	1000	0	62.5	21-125	0			
Surr: 2-Fluorobiphenyl	607.4	0	1000	0	60.7	36-94	0			
Surr: 2-Fluorophenol	412	0	1000	0	41.2	10-75	0			
Surr: 4-Terphenyl-d14	1005	0	1000	0	101	26-119	0			
Surr: Nitrobenzene-d5	580	0	1000	0	58	41-104	0			
Surr: Phenol-d6	235	0	1000	0	23.5	11-50	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306920
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 49307 Instrument ID SVMS6 Method: E625

MSD		Sample ID: 1306920-03C MSD				Units: µg/L		Analysis Date: 06/27/13 01:36 PM		
Client ID: MW-4-062013W		Run ID: SVMS4_130627A				SeqNo: 2364674		Prep Date: 06/26/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,4-Dichlorobenzene	330	100	400	0	82.5	30-110	293.8	11.6	30	
2,4,5-Trichlorophenol	259.2	100	400	0	64.8	50-110	235.2	9.71	30	
2,4,6-Trichlorophenol	282.2	100	400	0	70.6	50-115	251	11.7	30	
2,4-Dinitrotoluene	312.2	100	400	0	78	50-120	287.6	8.2	30	
Hexachloro-1,3-butadiene	281.8	100	400	0	70.4	25-105	249.6	12.1	30	
Hexachlorobenzene	333.2	100	400	0	83.3	50-110	313.6	6.06	30	
Hexachloroethane	322.4	100	400	0	80.6	30-95	284.2	12.6	30	
m-Cresol	250.4	100	400	0	62.6	30-110	212	16.6	30	
Nitrobenzene	312.2	100	400	0	78	45-110	276.2	12.2	30	
o-Cresol	273	100	400	0	68.2	40-110	237.6	13.9	30	
p-Cresol	250.4	100	400	0	62.6	30-110	212	16.6	30	
Pentachlorophenol	290.2	400	400	0	72.6	40-115	275.6	0	30	J
Pyridine	158.2	400	400	0	39.6	10-80	139.6	0	30	J
Surr: 2,4,6-Tribromophenol	677.4	0	1000	0	67.7	21-125	624.8	8.08	0	
Surr: 2-Fluorobiphenyl	684.4	0	1000	0	68.4	36-94	607.4	11.9	0	
Surr: 2-Fluorophenol	496.2	0	1000	0	49.6	10-75	412	18.5	0	
Surr: 4-Terphenyl-d14	1032	0	1000	0	103	26-119	1005	2.63	0	
Surr: Nitrobenzene-d5	664.4	0	1000	0	66.4	41-104	580	13.6	0	
Surr: Phenol-d6	289	0	1000	0	28.9	11-50	235	20.6	0	

The following samples were analyzed in this batch:

1306920-03C

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306920
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R122803A** Instrument ID **VMS8** Method: **SW8260**

MBLK		Sample ID: VBLKW2-130624-R122803A				Units: µg/L		Analysis Date: 06/26/13 02:55 AM		
Client ID:		Run ID: VMS8_130625B				SeqNo: 2361985		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1,2-Trichlorotrifluoroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	1.0								
1,2-Dibromoethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	2.0								
1,3-Dichlorobenzene	ND	2.0								
1,4-Dichlorobenzene	ND	2.0								
2-Butanone	ND	5.0								
2-Hexanone	ND	5.0								
4-Methyl-2-pentanone	ND	5.0								
Acetone	3.51	20								J
Benzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	1.0								
Carbon disulfide	ND	2.5								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								
Chloroform	ND	1.0								
Chloromethane	ND	1.0								
cis-1,2-Dichloroethene	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
Cyclohexane	ND	5.0								
Dibromochloromethane	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
Ethylbenzene	ND	1.0								
Isopropylbenzene	ND	1.0								
Methyl acetate	ND	2.0								
Methyl tert-butyl ether	ND	5.0								
Methylcyclohexane	ND	5.0								
Methylene chloride	ND	5.0								
Styrene	ND	1.0								
Tetrachloroethene	ND	2.0								
Toluene	ND	1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306920
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: R122803A	Instrument ID VMS8	Method: SW8260						
trans-1,2-Dichloroethene	ND	1.0						
trans-1,3-Dichloropropene	ND	1.0						
Trichloroethene	ND	1.0						
Trichlorofluoromethane	ND	1.0						
Vinyl chloride	ND	1.0						
Xylenes, Total	ND	3.0						
<i>Surr: 1,2-Dichloroethane-d4</i>	20.03	0	20	0	100	70-120	0	
<i>Surr: 4-Bromofluorobenzene</i>	18.87	0	20	0	94.4	75-120	0	
<i>Surr: Dibromofluoromethane</i>	20.75	0	20	0	104	85-115	0	
<i>Surr: Toluene-d8</i>	20.2	0	20	0	101	85-120	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306920
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R122803A** Instrument ID **VMS8** Method: **SW8260**

LCS		Sample ID: VLCSW2-130625-R122803A				Units: µg/L		Analysis Date: 06/26/13 01:44 AM		
Client ID:		Run ID: VMS8_130625B			SeqNo: 2361984		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	20.26	1.0	20	0	101	65-130	0			
1,1,2,2-Tetrachloroethane	21.44	1.0	20	0	107	65-130	0			
1,1,2-Trichloroethane	19.8	1.0	20	0	99	75-125	0			
1,1-Dichloroethane	18.87	1.0	20	0	94.4	70-135	0			
1,1-Dichloroethene	19.12	1.0	20	0	95.6	70-130	0			
1,2,4-Trichlorobenzene	21.85	1.0	20	0	109	65-135	0			
1,2-Dibromo-3-chloropropane	20.66	1.0	20	0	103	50-130	0			
1,2-Dibromoethane	22.8	1.0	20	0	114	80-120	0			
1,2-Dichlorobenzene	21.63	1.0	20	0	108	70-120	0			
1,2-Dichloroethane	19.73	1.0	20	0	98.6	70-130	0			
1,2-Dichloropropane	19.01	2.0	20	0	95	75-125	0			
1,3-Dichlorobenzene	20.68	2.0	20	0	103	75-125	0			
1,4-Dichlorobenzene	21.57	2.0	20	0	108	75-125	0			
2-Butanone	22.5	5.0	20	0	112	30-150	0			
2-Hexanone	21.66	5.0	20	0	108	55-130	0			
4-Methyl-2-pentanone	28.78	5.0	20	0	144	60-135	0			S
Acetone	23.16	20	20	0	116	40-140	0			
Benzene	19.91	1.0	20	0	99.6	80-120	0			
Bromodichloromethane	19.39	1.0	20	0	97	75-120	0			
Bromoform	19.5	1.0	20	0	97.5	70-130	0			
Bromomethane	32.88	1.0	20	0	164	30-145	0			S
Carbon disulfide	19.9	2.5	20	0	99.5	35-165	0			
Carbon tetrachloride	21.14	1.0	20	0	106	65-140	0			
Chlorobenzene	20.78	1.0	20	0	104	80-120	0			
Chloroethane	16.11	1.0	20	0	80.6	60-135	0			
Chloroform	19.82	1.0	20	0	99.1	65-135	0			
Chloromethane	18.97	1.0	20	0	94.8	70-125	0			
cis-1,2-Dichloroethene	19.88	1.0	20	0	99.4	70-125	0			
cis-1,3-Dichloropropene	20.92	1.0	20	0	105	70-130	0			
Dibromochloromethane	19.2	1.0	20	0	96	60-135	0			
Dichlorodifluoromethane	18.49	1.0	20	0	92.4	30-155	0			
Ethylbenzene	20.67	1.0	20	0	103	75-125	0			
Isopropylbenzene	20.7	1.0	20	0	104	75-125	0			
Methyl tert-butyl ether	21.63	5.0	20	0	108	65-125	0			
Methylene chloride	19.02	5.0	20	0	95.1	55-140	0			
Styrene	21.2	1.0	20	0	106	65-135	0			
Tetrachloroethene	19.67	2.0	20	0	98.4	45-150	0			
Toluene	20.03	1.0	20	0	100	75-120	0			
trans-1,2-Dichloroethene	20.05	1.0	20	0	100	60-140	0			
trans-1,3-Dichloropropene	20.26	1.0	20	0	101	55-140	0			
Trichloroethene	20.69	1.0	20	0	103	70-125	0			
Trichlorofluoromethane	22.39	1.0	20	0	112	60-145	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306920
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: R122803A	Instrument ID VMS8	Method: SW8260						
Vinyl chloride	17.51	1.0	20	0	87.6	50-145	0	
Xylenes, Total	61.31	3.0	60	0	102	75-130	0	
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>19.78</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>98.9</i>	<i>70-120</i>	<i>0</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>19.45</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>97.2</i>	<i>75-120</i>	<i>0</i>	
<i>Surr: Dibromofluoromethane</i>	<i>20.55</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>103</i>	<i>85-115</i>	<i>0</i>	
<i>Surr: Toluene-d8</i>	<i>19.57</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>97.8</i>	<i>85-120</i>	<i>0</i>	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306920
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R122803A** Instrument ID **VMS8** Method: **SW8260**

MS		Sample ID: 1306604-09A MS				Units: µg/L		Analysis Date: 06/26/13 11:18 AM		
Client ID:		Run ID: VMS8_130625B			SeqNo: 2361997		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	19.61	1.0	20	0	98	65-130	0			
1,1,2,2-Tetrachloroethane	17.26	1.0	20	0	86.3	65-130	0			
1,1,2-Trichloroethane	17.93	1.0	20	0	89.6	75-125	0			
1,1-Dichloroethane	18.49	1.0	20	0	92.4	70-135	0			
1,1-Dichloroethene	19.53	1.0	20	0	97.6	70-130	0			
1,2,4-Trichlorobenzene	16.65	1.0	20	0	83.2	65-135	0			
1,2-Dibromo-3-chloropropane	16.58	1.0	20	0	82.9	50-130	0			
1,2-Dibromoethane	20.25	1.0	20	0	101	80-120	0			
1,2-Dichlorobenzene	18.69	1.0	20	0	93.4	70-120	0			
1,2-Dichloroethane	18.06	1.0	20	0	90.3	70-130	0			
1,2-Dichloropropane	17.56	2.0	20	0	87.8	75-125	0			
1,3-Dichlorobenzene	18.4	2.0	20	0	92	75-125	0			
1,4-Dichlorobenzene	18.31	2.0	20	0	91.6	75-125	0			
2-Butanone	18.62	5.0	20	0	93.1	30-150	0			
2-Hexanone	16.11	5.0	20	0	80.6	55-130	0			
4-Methyl-2-pentanone	22.46	5.0	20	0	112	60-135	0			
Acetone	19.95	20	20	21.58	-8.15	40-140	0			JS
Benzene	18.97	1.0	20	0	94.8	80-120	0			
Bromodichloromethane	17.72	1.0	20	0	88.6	75-120	0			
Bromoform	15.75	1.0	20	0	78.8	70-130	0			
Bromomethane	39.06	1.0	20	0	195	30-145	0			S
Carbon disulfide	20.55	2.5	20	0	103	35-165	0			
Carbon tetrachloride	20.44	1.0	20	0	102	65-140	0			
Chlorobenzene	19.07	1.0	20	0	95.4	80-120	0			
Chloroethane	18.4	1.0	20	0	92	60-135	0			
Chloroform	19.47	1.0	20	0	97.4	65-135	0			
Chloromethane	16.73	1.0	20	0	83.6	70-125	0			
cis-1,2-Dichloroethene	18.8	1.0	20	0	94	70-125	0			
cis-1,3-Dichloropropene	17.94	1.0	20	0	89.7	70-130	0			
Dibromochloromethane	16.86	1.0	20	0	84.3	60-135	0			
Dichlorodifluoromethane	18.16	1.0	20	0	90.8	30-155	0			
Ethylbenzene	19.31	1.0	20	0	96.6	75-125	0			
Isopropylbenzene	19.25	1.0	20	0	96.2	75-125	0			
Methyl tert-butyl ether	20.38	5.0	20	0	102	65-125	0			
Methylene chloride	18.1	5.0	20	0	90.5	55-140	0			
Styrene	18.44	1.0	20	0	92.2	65-135	0			
Tetrachloroethene	19.34	2.0	20	0	96.7	45-150	0			
Toluene	19.34	1.0	20	0	96.7	75-120	0			
trans-1,2-Dichloroethene	19.35	1.0	20	0	96.8	60-140	0			
trans-1,3-Dichloropropene	17.51	1.0	20	0	87.6	55-140	0			
Trichloroethene	20.03	1.0	20	0	100	70-125	0			
Trichlorofluoromethane	23.51	1.0	20	0	118	60-145	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306920
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: R122803A	Instrument ID VMS8	Method: SW8260						
Vinyl chloride	17.08	1.0	20	0	85.4	50-145	0	
Xylenes, Total	56.78	3.0	60	0	94.6	75-130	0	
<i>Surr: 1,2-Dichloroethane-d4</i>	19.89	0	20	0	99.4	70-120	0	
<i>Surr: 4-Bromofluorobenzene</i>	18.58	0	20	0	92.9	75-120	0	
<i>Surr: Dibromofluoromethane</i>	20.29	0	20	0	101	85-115	0	
<i>Surr: Toluene-d8</i>	20	0	20	0	100	85-120	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306920
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R122803A** Instrument ID **VMS8** Method: **SW8260**

MSD		Sample ID: 1306604-09A MSD				Units: µg/L		Analysis Date: 06/26/13 11:42 AM		
Client ID:		Run ID: VMS8_130625B			SeqNo: 2361998		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	19.94	1.0	20	0	99.7	65-130	19.61	1.67	30	
1,1,2,2-Tetrachloroethane	17.06	1.0	20	0	85.3	65-130	17.26	1.17	30	
1,1,2-Trichloroethane	17.83	1.0	20	0	89.2	75-125	17.93	0.559	30	
1,1-Dichloroethane	18.36	1.0	20	0	91.8	70-135	18.49	0.706	30	
1,1-Dichloroethene	18.98	1.0	20	0	94.9	70-130	19.53	2.86	30	
1,2,4-Trichlorobenzene	18.18	1.0	20	0	90.9	65-135	16.65	8.79	30	
1,2-Dibromo-3-chloropropane	17.89	1.0	20	0	89.4	50-130	16.58	7.6	30	
1,2-Dibromoethane	20.6	1.0	20	0	103	80-120	20.25	1.71	30	
1,2-Dichlorobenzene	19.14	1.0	20	0	95.7	70-120	18.69	2.38	30	
1,2-Dichloroethane	17.82	1.0	20	0	89.1	70-130	18.06	1.34	30	
1,2-Dichloropropane	17.62	2.0	20	0	88.1	75-125	17.56	0.341	30	
1,3-Dichlorobenzene	18.62	2.0	20	0	93.1	75-125	18.4	1.19	30	
1,4-Dichlorobenzene	18.97	2.0	20	0	94.8	75-125	18.31	3.54	30	
2-Butanone	17.87	5.0	20	0	89.4	30-150	18.62	4.11	30	
2-Hexanone	16.63	5.0	20	0	83.2	55-130	16.11	3.18	30	
4-Methyl-2-pentanone	23.24	5.0	20	0	116	60-135	22.46	3.41	30	
Acetone	19.66	20	20	21.58	-9.6	40-140	19.95	0	30	JS
Benzene	18.93	1.0	20	0	94.6	80-120	18.97	0.211	30	
Bromodichloromethane	17.75	1.0	20	0	88.8	75-120	17.72	0.169	30	
Bromoform	15.85	1.0	20	0	79.2	70-130	15.75	0.633	30	
Bromomethane	36	1.0	20	0	180	30-145	39.06	8.15	30	S
Carbon disulfide	20.18	2.5	20	0	101	35-165	20.55	1.82	30	
Carbon tetrachloride	20.72	1.0	20	0	104	65-140	20.44	1.36	30	
Chlorobenzene	19.33	1.0	20	0	96.6	80-120	19.07	1.35	30	
Chloroethane	15.95	1.0	20	0	79.8	60-135	18.4	14.3	30	
Chloroform	19.22	1.0	20	0	96.1	65-135	19.47	1.29	30	
Chloromethane	15.95	1.0	20	0	79.8	70-125	16.73	4.77	30	
cis-1,2-Dichloroethene	18.57	1.0	20	0	92.8	70-125	18.8	1.23	30	
cis-1,3-Dichloropropene	17.54	1.0	20	0	87.7	70-130	17.94	2.25	30	
Dibromochloromethane	16.84	1.0	20	0	84.2	60-135	16.86	0.119	30	
Dichlorodifluoromethane	17.8	1.0	20	0	89	30-155	18.16	2	30	
Ethylbenzene	19.25	1.0	20	0	96.2	75-125	19.31	0.311	30	
Isopropylbenzene	18.93	1.0	20	0	94.6	75-125	19.25	1.68	30	
Methyl tert-butyl ether	19.98	5.0	20	0	99.9	65-125	20.38	1.98	30	
Methylene chloride	17.83	5.0	20	0	89.2	55-140	18.1	1.5	30	
Styrene	18.19	1.0	20	0	91	65-135	18.44	1.37	30	
Tetrachloroethene	19.23	2.0	20	0	96.2	45-150	19.34	0.57	30	
Toluene	19.48	1.0	20	0	97.4	75-120	19.34	0.721	30	
trans-1,2-Dichloroethene	19.23	1.0	20	0	96.2	60-140	19.35	0.622	30	
trans-1,3-Dichloropropene	17.26	1.0	20	0	86.3	55-140	17.51	1.44	30	
Trichloroethene	20	1.0	20	0	100	70-125	20.03	0.15	30	
Trichlorofluoromethane	23.51	1.0	20	0	118	60-145	23.51	0	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306920
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: R122803A	Instrument ID VMS8	Method: SW8260								
Vinyl chloride	16.92	1.0	20	0	84.6	50-145	17.08	0.941	30	
Xylenes, Total	56.73	3.0	60	0	94.6	75-130	56.78	0.0881	30	
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>19.75</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>98.8</i>	<i>70-120</i>	<i>19.89</i>	<i>0.706</i>	<i>30</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>17.88</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>89.4</i>	<i>75-120</i>	<i>18.58</i>	<i>3.84</i>	<i>30</i>	
<i>Surr: Dibromofluoromethane</i>	<i>20.45</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>102</i>	<i>85-115</i>	<i>20.29</i>	<i>0.785</i>	<i>30</i>	
<i>Surr: Toluene-d8</i>	<i>19.94</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>99.7</i>	<i>85-120</i>	<i>20</i>	<i>0.3</i>	<i>30</i>	

The following samples were analyzed in this batch: | 1306920-01A | 1306920-02A | 1306920-03A |

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306920
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R122829A** Instrument ID **VMS8** Method: **SW8260**

MBLK		Sample ID: VBLKW1-130626-R122829A				Units: µg/L		Analysis Date: 06/26/13 02:42 PM		
Client ID:		Run ID: VMS8_130626A		SeqNo: 2362655		Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1,2-Trichlorotrifluoroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	1.0								
1,2-Dibromoethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	2.0								
1,3-Dichlorobenzene	ND	2.0								
1,4-Dichlorobenzene	ND	2.0								
2-Butanone	ND	5.0								
2-Hexanone	ND	5.0								
4-Methyl-2-pentanone	ND	5.0								
Acetone	2	20								J
Benzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	1.0								
Carbon disulfide	ND	2.5								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								
Chloroform	ND	1.0								
Chloromethane	ND	1.0								
cis-1,2-Dichloroethene	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
Cyclohexane	ND	5.0								
Dibromochloromethane	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
Ethylbenzene	ND	1.0								
Isopropylbenzene	ND	1.0								
Methyl acetate	ND	2.0								
Methyl tert-butyl ether	ND	5.0								
Methylcyclohexane	ND	5.0								
Methylene chloride	ND	5.0								
Styrene	ND	1.0								
Tetrachloroethene	ND	2.0								
Toluene	ND	1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306920
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: R122829A	Instrument ID VMS8	Method: SW8260						
trans-1,2-Dichloroethene	ND	1.0						
trans-1,3-Dichloropropene	ND	1.0						
Trichloroethene	ND	1.0						
Trichlorofluoromethane	ND	1.0						
Vinyl chloride	ND	1.0						
Xylenes, Total	ND	3.0						
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>19.98</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>99.9</i>	<i>70-120</i>	<i>0</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>18.45</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>92.2</i>	<i>75-120</i>	<i>0</i>	
<i>Surr: Dibromofluoromethane</i>	<i>20.34</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>102</i>	<i>85-115</i>	<i>0</i>	
<i>Surr: Toluene-d8</i>	<i>19.9</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>99.5</i>	<i>85-120</i>	<i>0</i>	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306920
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R122829A** Instrument ID **VMS8** Method: **SW8260**

LCS		Sample ID: VLCSW1-130626-R122829A				Units: µg/L		Analysis Date: 06/26/13 01:29 PM		
Client ID:		Run ID: VMS8_130626A			SeqNo: 2362654		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	20.14	1.0	20	0	101	65-130	0			
1,1,2,2-Tetrachloroethane	19.29	1.0	20	0	96.4	65-130	0			
1,1,2-Trichloroethane	19.14	1.0	20	0	95.7	75-125	0			
1,1-Dichloroethane	18.68	1.0	20	0	93.4	70-135	0			
1,1-Dichloroethene	18.89	1.0	20	0	94.4	70-130	0			
1,2,4-Trichlorobenzene	21.29	1.0	20	0	106	65-135	0			
1,2-Dibromo-3-chloropropane	18.1	1.0	20	0	90.5	50-130	0			
1,2-Dibromoethane	22.29	1.0	20	0	111	80-120	0			
1,2-Dichlorobenzene	20.34	1.0	20	0	102	70-120	0			
1,2-Dichloroethane	19.43	1.0	20	0	97.2	70-130	0			
1,2-Dichloropropane	18.52	2.0	20	0	92.6	75-125	0			
1,3-Dichlorobenzene	20.26	2.0	20	0	101	75-125	0			
1,4-Dichlorobenzene	20.4	2.0	20	0	102	75-125	0			
2-Butanone	20.77	5.0	20	0	104	30-150	0			
2-Hexanone	19.15	5.0	20	0	95.8	55-130	0			
4-Methyl-2-pentanone	25.7	5.0	20	0	128	60-135	0			
Acetone	21.04	20	20	0	105	40-140	0			
Benzene	19.75	1.0	20	0	98.8	80-120	0			
Bromodichloromethane	18.98	1.0	20	0	94.9	75-120	0			
Bromoform	17.78	1.0	20	0	88.9	70-130	0			
Bromomethane	34.66	1.0	20	0	173	30-145	0			S
Carbon disulfide	19.64	2.5	20	0	98.2	35-165	0			
Carbon tetrachloride	20.52	1.0	20	0	103	65-140	0			
Chlorobenzene	19.96	1.0	20	0	99.8	80-120	0			
Chloroethane	20.32	1.0	20	0	102	60-135	0			
Chloroform	19.74	1.0	20	0	98.7	65-135	0			
Chloromethane	18.18	1.0	20	0	90.9	70-125	0			
cis-1,2-Dichloroethene	20.36	1.0	20	0	102	70-125	0			
cis-1,3-Dichloropropene	20.9	1.0	20	0	104	70-130	0			
Dibromochloromethane	18.49	1.0	20	0	92.4	60-135	0			
Dichlorodifluoromethane	18.51	1.0	20	0	92.6	30-155	0			
Ethylbenzene	20.2	1.0	20	0	101	75-125	0			
Isopropylbenzene	20.68	1.0	20	0	103	75-125	0			
Methyl tert-butyl ether	21.99	5.0	20	0	110	65-125	0			
Methylene chloride	18.72	5.0	20	0	93.6	55-140	0			
Styrene	20.25	1.0	20	0	101	65-135	0			
Tetrachloroethene	19.35	2.0	20	0	96.8	45-150	0			
Toluene	19.32	1.0	20	0	96.6	75-120	0			
trans-1,2-Dichloroethene	19.67	1.0	20	0	98.4	60-140	0			
trans-1,3-Dichloropropene	20.26	1.0	20	0	101	55-140	0			
Trichloroethene	20.46	1.0	20	0	102	70-125	0			
Trichlorofluoromethane	21.95	1.0	20	0	110	60-145	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306920
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: R122829A	Instrument ID VMS8	Method: SW8260						
Vinyl chloride	17	1.0	20	0	85	50-145	0	
Xylenes, Total	59.61	3.0	60	0	99.4	75-130	0	
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>20.07</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>100</i>	<i>70-120</i>	<i>0</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>19.09</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>95.4</i>	<i>75-120</i>	<i>0</i>	
<i>Surr: Dibromofluoromethane</i>	<i>21.27</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>106</i>	<i>85-115</i>	<i>0</i>	
<i>Surr: Toluene-d8</i>	<i>20.08</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>100</i>	<i>85-120</i>	<i>0</i>	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306920
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R122829A** Instrument ID **VMS8** Method: **SW8260**

MS		Sample ID: 13061003-02D MS				Units: µg/L		Analysis Date: 06/26/13 11:37 PM		
Client ID:		Run ID: VMS8_130626A			SeqNo: 2362658		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	21.28	1.0	20	0	106	65-130	0			
1,1,2,2-Tetrachloroethane	18.44	1.0	20	0	92.2	65-130	0			
1,1,2-Trichloroethane	18.82	1.0	20	0	94.1	75-125	0			
1,1-Dichloroethane	19.2	1.0	20	0	96	70-135	0			
1,1-Dichloroethene	20.62	1.0	20	0	103	70-130	0			
1,2,4-Trichlorobenzene	19.78	1.0	20	0	98.9	65-135	0			
1,2-Dibromo-3-chloropropane	18.53	1.0	20	0	92.6	50-130	0			
1,2-Dibromoethane	21.46	1.0	20	0	107	80-120	0			
1,2-Dichlorobenzene	20.33	1.0	20	0	102	70-120	0			
1,2-Dichloroethane	18.67	1.0	20	0	93.4	70-130	0			
1,2-Dichloropropane	18.4	2.0	20	0	92	75-125	0			
1,3-Dichlorobenzene	19.77	2.0	20	0	98.8	75-125	0			
1,4-Dichlorobenzene	20.14	2.0	20	0	101	75-125	0			
2-Butanone	19.38	5.0	20	0	96.9	30-150	0			
2-Hexanone	17.61	5.0	20	0	88	55-130	0			
4-Methyl-2-pentanone	24.27	5.0	20	0	121	60-135	0			
Acetone	21.15	20	20	1.95	96	40-140	0			
Benzene	19.86	1.0	20	0	99.3	80-120	0			
Bromodichloromethane	19.05	1.0	20	0	95.2	75-120	0			
Bromoform	18.85	1.0	20	0	94.2	70-130	0			
Bromomethane	31.23	1.0	20	0	156	30-145	0			S
Carbon disulfide	21.6	2.5	20	0	108	35-165	0			
Carbon tetrachloride	22.64	1.0	20	0	113	65-140	0			
Chlorobenzene	20.03	1.0	20	0	100	80-120	0			
Chloroethane	17.46	1.0	20	0	87.3	60-135	0			
Chloroform	22.31	1.0	20	2.5	99	65-135	0			
Chloromethane	18.14	1.0	20	0	90.7	70-125	0			
cis-1,2-Dichloroethene	20.49	1.0	20	0	102	70-125	0			
cis-1,3-Dichloropropene	19.79	1.0	20	0	99	70-130	0			
Dibromochloromethane	18.75	1.0	20	0	93.8	60-135	0			
Dichlorodifluoromethane	20.63	1.0	20	0	103	30-155	0			
Ethylbenzene	20.27	1.0	20	0	101	75-125	0			
Isopropylbenzene	20.47	1.0	20	0	102	75-125	0			
Methyl tert-butyl ether	20.53	5.0	20	0	103	65-125	0			
Methylene chloride	19.07	5.0	20	0	95.4	55-140	0			
Styrene	18.03	1.0	20	0	90.2	65-135	0			
Tetrachloroethene	21.08	2.0	20	0	105	45-150	0			
Toluene	20.39	1.0	20	0	102	75-120	0			
trans-1,2-Dichloroethene	20.72	1.0	20	0	104	60-140	0			
trans-1,3-Dichloropropene	20.07	1.0	20	0	100	55-140	0			
Trichloroethene	21.29	1.0	20	0	106	70-125	0			
Trichlorofluoromethane	24.45	1.0	20	0	122	60-145	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306920
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: R122829A	Instrument ID VMS8	Method: SW8260						
Vinyl chloride	18.4	1.0	20	0	92	50-145	0	
Xylenes, Total	59.82	3.0	60	0	99.7	75-130	0	
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>19.92</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>99.6</i>	<i>70-120</i>	<i>0</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>19.24</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>96.2</i>	<i>75-120</i>	<i>0</i>	
<i>Surr: Dibromofluoromethane</i>	<i>20.85</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>104</i>	<i>85-115</i>	<i>0</i>	
<i>Surr: Toluene-d8</i>	<i>20.47</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>102</i>	<i>85-120</i>	<i>0</i>	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306920
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R122829A** Instrument ID **VMS8** Method: **SW8260**

MSD		Sample ID: 13061003-02D MSD				Units: µg/L		Analysis Date: 06/27/13 12:01 PM		
Client ID:		Run ID: VMS8_130626A			SeqNo: 2362659		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	21.08	1.0	20	0	105	65-130	21.28	0.944	30	
1,1,2,2-Tetrachloroethane	18.86	1.0	20	0	94.3	65-130	18.44	2.25	30	
1,1,2-Trichloroethane	18.66	1.0	20	0	93.3	75-125	18.82	0.854	30	
1,1-Dichloroethane	19.23	1.0	20	0	96.2	70-135	19.2	0.156	30	
1,1-Dichloroethene	20.45	1.0	20	0	102	70-130	20.62	0.828	30	
1,2,4-Trichlorobenzene	19.45	1.0	20	0	97.2	65-135	19.78	1.68	30	
1,2-Dibromo-3-chloropropane	17.92	1.0	20	0	89.6	50-130	18.53	3.35	30	
1,2-Dibromoethane	21.47	1.0	20	0	107	80-120	21.46	0.0466	30	
1,2-Dichlorobenzene	19.62	1.0	20	0	98.1	70-120	20.33	3.55	30	
1,2-Dichloroethane	18.83	1.0	20	0	94.2	70-130	18.67	0.853	30	
1,2-Dichloropropane	18.52	2.0	20	0	92.6	75-125	18.4	0.65	30	
1,3-Dichlorobenzene	19.71	2.0	20	0	98.6	75-125	19.77	0.304	30	
1,4-Dichlorobenzene	19.95	2.0	20	0	99.8	75-125	20.14	0.948	30	
2-Butanone	19.8	5.0	20	0	99	30-150	19.38	2.14	30	
2-Hexanone	18.18	5.0	20	0	90.9	55-130	17.61	3.19	30	
4-Methyl-2-pentanone	24.75	5.0	20	0	124	60-135	24.27	1.96	30	
Acetone	24.05	20	20	1.95	110	40-140	21.15	12.8	30	
Benzene	19.76	1.0	20	0	98.8	80-120	19.86	0.505	30	
Bromodichloromethane	19.22	1.0	20	0	96.1	75-120	19.05	0.888	30	
Bromoform	18.65	1.0	20	0	93.2	70-130	18.85	1.07	30	
Bromomethane	35.04	1.0	20	0	175	30-145	31.23	11.5	30	S
Carbon disulfide	21.39	2.5	20	0	107	35-165	21.6	0.977	30	
Carbon tetrachloride	21.83	1.0	20	0	109	65-140	22.64	3.64	30	
Chlorobenzene	20.05	1.0	20	0	100	80-120	20.03	0.0998	30	
Chloroethane	16.01	1.0	20	0	80	60-135	17.46	8.66	30	
Chloroform	22.03	1.0	20	2.5	97.6	65-135	22.31	1.26	30	
Chloromethane	18.75	1.0	20	0	93.8	70-125	18.14	3.31	30	
cis-1,2-Dichloroethene	20.23	1.0	20	0	101	70-125	20.49	1.28	30	
cis-1,3-Dichloropropene	19.95	1.0	20	0	99.8	70-130	19.79	0.805	30	
Dibromochloromethane	18.3	1.0	20	0	91.5	60-135	18.75	2.43	30	
Dichlorodifluoromethane	20.46	1.0	20	0	102	30-155	20.63	0.827	30	
Ethylbenzene	20.24	1.0	20	0	101	75-125	20.27	0.148	30	
Isopropylbenzene	20.36	1.0	20	0	102	75-125	20.47	0.539	30	
Methyl tert-butyl ether	20.78	5.0	20	0	104	65-125	20.53	1.21	30	
Methylene chloride	18.75	5.0	20	0	93.8	55-140	19.07	1.69	30	
Styrene	17.87	1.0	20	0	89.4	65-135	18.03	0.891	30	
Tetrachloroethene	20.57	2.0	20	0	103	45-150	21.08	2.45	30	
Toluene	19.74	1.0	20	0	98.7	75-120	20.39	3.24	30	
trans-1,2-Dichloroethene	20.33	1.0	20	0	102	60-140	20.72	1.9	30	
trans-1,3-Dichloropropene	19.38	1.0	20	0	96.9	55-140	20.07	3.5	30	
Trichloroethene	21.14	1.0	20	0	106	70-125	21.29	0.707	30	
Trichlorofluoromethane	24.15	1.0	20	0	121	60-145	24.45	1.23	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306920
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: R122829A	Instrument ID VMS8	Method: SW8260								
Vinyl chloride	18.36	1.0	20	0	91.8	50-145	18.4	0.218	30	
Xylenes, Total	59.57	3.0	60	0	99.3	75-130	59.82	0.419	30	
<i>Surr: 1,2-Dichloroethane-d4</i>	19.8	0	20	0	99	70-120	19.92	0.604	30	
<i>Surr: 4-Bromofluorobenzene</i>	19.17	0	20	0	95.8	75-120	19.24	0.364	30	
<i>Surr: Dibromofluoromethane</i>	21.05	0	20	0	105	85-115	20.85	0.955	30	
<i>Surr: Toluene-d8</i>	20.04	0	20	0	100	85-120	20.47	2.12	30	

The following samples were analyzed in this batch: | 1306920-01A |

Client: Weston Solutions, Inc
Work Order: 1306920
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R122656** Instrument ID **WETCHEM** Method: **SW9040**

LCS	Sample ID: LCS-R122656-R122656	Units: s.u.	Analysis Date: 06/22/13 11:30 AM							
Client ID:	Run ID: WETCHEM_130622B	SeqNo: 2357727	Prep Date:	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH 4.4 0 4.4 0 100 90-110 0

DUP	Sample ID: 1306920-01D DUP	Units: s.u.	Analysis Date: 06/22/13 11:30 AM							
Client ID: MW-4-062013W	Run ID: WETCHEM_130622B	SeqNo: 2357731	Prep Date:	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH 7.11 0 0 0 0 0-0 7.11 0 20

The following samples were analyzed in this batch:

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 1306920
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R122662** Instrument ID **WETCHEM** Method: **SW7196A**

MBLK	Sample ID: WBLKW1-062413-R122662		Units: mg/L		Analysis Date: 06/22/13 12:00 PM					
Client ID:	Run ID: WETCHEM_130622C		SeqNo: 2357767		Prep Date:					
					DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent ND 0.0050

LCS	Sample ID: WLCSW1-062413-R122662		Units: mg/L		Analysis Date: 06/22/13 12:00 PM					
Client ID:	Run ID: WETCHEM_130622C		SeqNo: 2357768		Prep Date:					
					DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 0.1996 0.0050 0.2 0 99.8 80-120 0

MS	Sample ID: 1306920-01D MS		Units: mg/L		Analysis Date: 06/22/13 12:00 PM					
Client ID: MW-4-062013W	Run ID: WETCHEM_130622C		SeqNo: 2357770		Prep Date:					
					DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 0.0841 0.0050 0.2 0 42 75-125 0 SH

MSD	Sample ID: 1306920-01D MSD		Units: mg/L		Analysis Date: 06/22/13 12:00 PM					
Client ID: MW-4-062013W	Run ID: WETCHEM_130622C		SeqNo: 2357771		Prep Date:					
					DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 0.0655 0.0050 0.2 0 32.8 75-125 0.0841 24.9 30 SH

The following samples were analyzed in this batch:

1306920-01D

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 1306920
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R122709** Instrument ID **WETCHEM** Method: **D93**

LCS	Sample ID: LCS-R122709-R122709		Units: °F		Analysis Date: 06/24/13 04:10 PM	
Client ID:	Run ID: WETCHEM_130624F		SeqNo: 2358835		Prep Date:	
					DF: 1	

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Flashpoint, P-M Closed-cup	80	0	81	0	98.8	97-103	0			

The following samples were analyzed in this batch:

Note: See Qualifiers Page for a list of Qualifiers and their explanation.



Cincinnati, OH
+1 513 733 5336

Fort Collins, CO
+1 970 490 1511

Everett, WA
+1 425 356 2600

Holland, MI
+1 616 399 6070

Chain of Custody Form

Houston, TX
+1 281 530 5656

Spring City, PA
+1 610 948 4903

South Charleston, WV
+1 304 356 3168

Middletown, PA
+1 717 944 5541

Salt Lake City, UT
+1 801 266 7700

York, PA
+1 717 505 5280

Page 1 of 2

COC ID: 85282

Environmental

Customer Information		Project Information					ALS Project Manager: <u>TBB</u> ALS Work Order #: <u>1306920</u>													
Parameter/Method Request for Analysis		Purchase Order		Project Name		A		VOCs - Target Compound List												
Work Order		Project Number		B		SVOCs - Target Compound List														
Company Name		Bill To Company		C		TAL Metals (including Hg) + Boron														
Send Report To		Invoice Attn		D		Hexavalent Chromium														
Address		Address		E		Pesticides														
City/State/Zip		City/State/Zip		F		Herbicides														
Phone		Phone		G		PCBs														
Fax		Fax		H		pH														
e-Mail Address		e-Mail Address		I		pH														
				J		Moisture														
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold			
1	MW-4-062013W	6/20/13	1700	GW	HNO ₃ /HCL	10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
2	TRIP-05	6/20/13	—	W	HCL	2	✓													
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				

Sampler(s) Please Print & Sign <u>ANDY KIEL</u>		Shipment Method <u>ALS</u>		Required Turnaround Time: (Check Box) <input type="checkbox"/> Std 10 WK Days <input type="checkbox"/> 5 WK Days <input type="checkbox"/> Other <input type="checkbox"/> 2 WK Days <input type="checkbox"/> 24 Hour				Results Due Date:	
Relinquished by: <u>[Signature]</u>		Date: <u>6/21/13</u>	Time: <u>1107</u>	Received by: <u>[Signature]</u>		Notes: "Total" analyses			
Relinquished by: <u>[Signature]</u>		Date: <u>6/21/13</u>	Time: <u>1900</u>	Received by (Laboratory): <u>[Signature]</u>		Cooler ID:	Cooler Temp.:	QC Package: (Check One Box Below)	
Logged by (Laboratory): <u>AB</u>		Date: <u>6/22/13</u>	Time: <u>1117</u>	Checked by (Laboratory): <u>TBB</u>			<u>3.2</u>	<input checked="" type="checkbox"/> Level II Std QC	<input type="checkbox"/> TRRP CheckList
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5035								<input type="checkbox"/> Level III Std QC/Raw Data	<input type="checkbox"/> TRRP Level IV
								<input type="checkbox"/> Level IV SW846/CLP	
								<input type="checkbox"/> Other	

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.



Cincinnati, OH
+1 513 733 5336

Fort Collins, CO
+1 970 490 1511

Everett, WA
+1 425 356 2600

Holland, MI
+1 616 399 6070

Chain of Custody Form

Houston, TX
+1 281 530 5656

Spring City, PA
+1 610 948 4903

South Charleston, WV
+1 304 356 3168

Middletown, PA
+1 717 944 5541

Salt Lake City, UT
+1 801 266 7700

York, PA
+1 717 505 5280

Page 2 of 2

COC ID: 85288

Environmental

ALS Project Manager: TBS

ALS Work Order #: 1306920

Customer Information		Project Information		Parameter/Method Request for Analysis											
Purchase Order	0082447	Project Name	Whirlpool Park Site	A	TCLP VOCs										
Work Order	<u>20405.016.001.2063.00</u>	Project Number	<u>20405.016.001.2063.00</u>	B	TCLP SVOCs										
Company Name	Weston Solutions, Inc	Bill To Company	Weston Solutions, Inc	C	TCLP Metals										
Send Report To	Lisa Graczyk	Invoice Attn	Lisa Graczyk	D	TCLP Pesticides										
Address	20 North Wacker Drive Suite 1210	Address	20 North Wacker Drive Suite 1210	E	TCLP Herbicides										
				F											
City/State/Zip	Chicago, IL 60606	City/State/Zip	Chicago, IL 60606	G											
Phone	(312) 424-3300	Phone	(312) 424-3300	H											
Fax	(312) 424-3330	Fax	(312) 424-3330	I											
e-Mail Address	<u>LGRACZYK@CSS-DYNAMAC.COM</u>	e-Mail Address	<u>LGRACZYK@CSS-DYNAMAC.COM</u>	J											

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold	
1	<u>MW-4-062013W (3)</u>	<u>6/20/13</u>	<u>1700</u>	<u>GW</u>	<u>HNO₃/HCL</u>	<u>10</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

Sampler(s) Please Print & Sign <u>ANDY KIGL</u>		Shipment Method <u>ALS</u>		Required Turnaround Time: (Check Box) <input type="checkbox"/> Std 10 WK Days <input type="checkbox"/> 5 WK Days <input type="checkbox"/> Other <input type="checkbox"/> 2 WK Days <input type="checkbox"/> 24 Hour				Results Due Date:					
Relinquished by: <u>[Signature]</u>	Date: <u>6/21/13</u>	Time: <u>1107</u>	Received by: <u>[Signature]</u>		Notes: <u>TCLP analyses</u>								
Relinquished by: <u>[Signature]</u>	Date: <u>6/21/13</u>	Time: <u>1400</u>	Received by (Laboratory): <u>[Signature]</u>		Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)						
Logged by (Laboratory): <u>[Signature]</u>	Date: <u>6/22/13</u>	Time: <u>1117</u>	Checked by (Laboratory): <u>TBS</u>			<u>3.2°C</u>	<input checked="" type="checkbox"/> Level II Std QC	<input type="checkbox"/> TRRP CheckList					
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5035					<input type="checkbox"/> Level III Std QC/Raw Data <input type="checkbox"/> TRRP Level IV								
					<input type="checkbox"/> Level IV 8WB46/CLP								
					<input type="checkbox"/> Other								

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
 2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
 3. The Chain of Custody is a legal document. All information must be completed accurately.

Sample Receipt Checklist

Client Name: **WESTON - CHI**

Date/Time Received: **22-Jun-13 10:45**

Work Order: **1306920**

Received by: **AB**

Checklist completed by *Ashley Beard* 22-Jun-13
eSignature Date

Reviewed by: *Tom Beamish* 24-Jun-13
eSignature Date

Matrices: groundwater

Carrier name: ALSHN

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container/Temp Blank temperature in compliance? Yes No

Temperature(s)/Thermometer(s):

Cooler(s)/Kit(s):

Date/Time sample(s) sent to storage:

Water - VOA vials have zero headspace? Yes No No VOA vials submitted

Water - pH acceptable upon receipt? Yes No N/A

pH adjusted? Yes No N/A

pH adjusted by:

Login Notes: The sample was received past hold time for Cr6 analysis.

Client Contacted: yes Date Contacted: 24-Jun-13 Person Contacted: Lisa Graczyk

Contacted By: Tom Beamish Regarding: Sample received past hold time for Cr6 analysis

Comments:

CorrectiveAction:



04-Jun-2013

Lisa Graczyk
Weston Solutions, Inc
20 North Wacker Drive
Suite 1210
Chicago, IL 60606

Re: **20405.016.001.2063.00/Whirlpool Park Site**

Work Order: **13051010**

Dear Lisa,

ALS Environmental received 5 samples on 23-May-2013 for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Sample results are compliant with NELAP standard requirements and QC results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 32.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Tom Beamish".

Electronically approved by: Tom Beamish

Tom Beamish
Senior Project Manager



Certificate No: MN 532786

Report of Laboratory Analysis

ADDRESS 3352 128th Avenue Holland, Michigan 49424-9263 | PHONE (616) 399-6070 | FAX (616) 399-6185

ALS GROUP USA, CORP Part of the ALS Group An ALS Limited Company

Environmental

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Work Order: 13051010

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
13051010-01	IA2-56-000.5W	Tclp Extract		05/20/13 11:25	05/23/13 15:00	<input type="checkbox"/>
13051010-02	IA1-54-0-2W	Tclp Extract		05/20/13 13:41	05/23/13 15:00	<input type="checkbox"/>
13051010-03	IA1-513-2-4W	Tclp Extract		05/20/13 15:55	05/23/13 15:00	<input type="checkbox"/>
13051010-04	SED-2-052113-0001W	Tclp Extract		05/21/13 09:00	05/23/13 15:00	<input type="checkbox"/>
13051010-05	IA1-59-2-4W	Tclp Extract		05/21/13 10:10	05/23/13 15:00	<input type="checkbox"/>

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
WorkOrder: 13051010

**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
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
TDL	Target Detection Limit
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

<u>Units Reported</u>	<u>Description</u>
mg/L	Milligrams per Liter

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Work Order: 13051010

Case Narrative

TCLP Herbicides - 40 CFR Part 261.24 (b)

Parameter	Maximum Concentration For Toxicity Characteristic (mg/L)
2,4-D	10
2,4,5-TP (Silvex)	1.0

TCLP Metals - 40 CFR Part 261.24 (b)

Parameter	Maximum Concentration For Toxicity Characteristic (mg/L)
Mercury	0.2
Arsenic	5.0
Barium	100
Cadmium	1.0
Chromium	5.0
Lead	5.0
Selenium	1.0
Silver	5.0

TCLP Pesticides - 40 CFR Part 261.24 (b)

Parameter	Maximum Concentration For Toxicity Characteristic (mg/L)
Chlordane	0.03
Heptachlor	0.008
Endrin	0.02
Lindane	0.40
Methoxychlor	10
Toxaphene	0.50

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Work Order: 13051010

Case Narrative

TCLP Semi-Volatiles - 40 CFR Part 261.24 (b)

Parameter	Maximum Concentration For Toxicity Characteristic (mg/L)
1,4-Dichlorobenzene	7.5
2,4-Dinitrotoluene	0.13
Hexachloro-1,3-butadiene	0.50
Hexachlorobenzene	0.13
Hexachloroethane	3.0
Nitrobenzene	2.0
Pyridine	5.0
m-Cresol	200
o-Cresol	200
p-Cresol	200
Pentachlorophenol	100
2,4,5-Trichlorophenol	400
2,4,6-Trichlorophenol	2.0

TCLP Volatiles - 40 CFR Part 261.24 (b)

Parameter	Maximum Concentration For Toxicity Characteristic (mg/L)
1,1-Dichloroethene	0.70
1,2-Dichloroethane	0.50
2-Butanone	200
Benzene	0.50
Carbon Tetrachloride	0.50
Chlorobenzene	100
Chloroform	6.0
Tetrachloroethene	0.70
Trichloroethene	0.50
Vinyl Chloride	0.20

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Work Order: 13051010

Case Narrative

Analytical Comments:

Batch 48738, Method TCBA_8270_S, Sample 13051010-04B: One or more SVOC surrogate recoveries are unavailable due to sample matrix interference. Target analytes were not affected by the interference. No qualification is necessary.

QC Comments:

Batch 48711, Method TCHB_8151_S, Sample 13051010-01B MS: The MS recovery was above the upper control limit. The corresponding result in the parent sample was non-detect. No qualification is required for 2,4,5-TP.

ALS Group USA, Corp

Date: 04-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA2-56-000.5W
Collection Date: 05/20/13 11:25 AM

Work Order: 13051010
Lab ID: 13051010-01
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 05:11 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 05:11 PM
Surr: DCAA	94.0		30-150	%REC	1	05/29/13 05:11 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/30/13 11:05 PM
Endrin	ND		0.00025	mg/L	1	05/30/13 11:05 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/30/13 11:05 PM
Heptachlor	ND		0.00025	mg/L	1	05/30/13 11:05 PM
Methoxychlor	ND		0.00025	mg/L	1	05/30/13 11:05 PM
Toxaphene	ND		0.020	mg/L	1	05/30/13 11:05 PM
Surr: Decachlorobiphenyl	58.0		30-135	%REC	1	05/30/13 11:05 PM
Surr: Tetrachloro-m-xylene	62.0		25-140	%REC	1	05/30/13 11:05 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:06 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/29/13	Analyst: RH
Arsenic	ND		0.010	mg/L	1	05/29/13 04:28 PM
Barium	0.60		0.050	mg/L	1	05/29/13 04:28 PM
Cadmium	ND		0.0020	mg/L	1	05/29/13 04:28 PM
Chromium	ND		0.020	mg/L	1	05/29/13 04:28 PM
Lead	ND		0.010	mg/L	1	05/29/13 04:28 PM
Selenium	ND		0.020	mg/L	1	05/29/13 04:28 PM
Silver	ND		0.0050	mg/L	1	05/29/13 04:28 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/30/13 09:48 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/30/13 09:48 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/30/13 09:48 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/30/13 09:48 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/30/13 09:48 PM
Hexachlorobenzene	ND		0.10	mg/L	1	05/30/13 09:48 PM
Hexachloroethane	ND		0.10	mg/L	1	05/30/13 09:48 PM
m-Cresol	ND		0.10	mg/L	1	05/30/13 09:48 PM
Nitrobenzene	ND		0.10	mg/L	1	05/30/13 09:48 PM
o-Cresol	ND		0.10	mg/L	1	05/30/13 09:48 PM
p-Cresol	ND		0.10	mg/L	1	05/30/13 09:48 PM
Pentachlorophenol	ND		0.40	mg/L	1	05/30/13 09:48 PM
Pyridine	ND		0.40	mg/L	1	05/30/13 09:48 PM
Surr: 2,4,6-Tribromophenol	54.5		21-125	%REC	1	05/30/13 09:48 PM

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

ALS Group USA, Corp

Date: 04-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051010

Sample ID: IA2-56-000.5W

Lab ID: 13051010-01

Collection Date: 05/20/13 11:25 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	61.0		39-94	%REC	1	05/30/13 09:48 PM
<i>Surr: 2-Fluorophenol</i>	33.8		10-75	%REC	1	05/30/13 09:48 PM
<i>Surr: 4-Terphenyl-d14</i>	105		26-119	%REC	1	05/30/13 09:48 PM
<i>Surr: Nitrobenzene-d5</i>	58.5		41-104	%REC	1	05/30/13 09:48 PM
<i>Surr: Phenol-d6</i>	17.7		11-50	%REC	1	05/30/13 09:48 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/29/13	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	05/29/13 05:45 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/29/13 05:45 PM
2-Butanone	ND		0.20	mg/L	20	05/29/13 05:45 PM
Benzene	ND		0.020	mg/L	20	05/29/13 05:45 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/29/13 05:45 PM
Chlorobenzene	ND		0.020	mg/L	20	05/29/13 05:45 PM
Chloroform	ND		0.020	mg/L	20	05/29/13 05:45 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/29/13 05:45 PM
Trichloroethene	ND		0.020	mg/L	20	05/29/13 05:45 PM
Vinyl chloride	ND		0.020	mg/L	20	05/29/13 05:45 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	107		70-130	%REC	20	05/29/13 05:45 PM
<i>Surr: 4-Bromofluorobenzene</i>	98.4		70-130	%REC	20	05/29/13 05:45 PM
<i>Surr: Dibromofluoromethane</i>	102		70-130	%REC	20	05/29/13 05:45 PM
<i>Surr: Toluene-d8</i>	101		70-130	%REC	20	05/29/13 05:45 PM

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

ALS Group USA, Corp

Date: 04-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-54-0-2W
Collection Date: 05/20/13 01:41 PM

Work Order: 13051010
Lab ID: 13051010-02
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 05:52 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 05:52 PM
Surr: DCAA	100		30-150	%REC	1	05/29/13 05:52 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/30/13 11:51 PM
Endrin	ND		0.00025	mg/L	1	05/30/13 11:51 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/30/13 11:51 PM
Heptachlor	ND		0.00025	mg/L	1	05/30/13 11:51 PM
Methoxychlor	ND		0.00025	mg/L	1	05/30/13 11:51 PM
Toxaphene	ND		0.020	mg/L	1	05/30/13 11:51 PM
Surr: Decachlorobiphenyl	58.0		30-135	%REC	1	05/30/13 11:51 PM
Surr: Tetrachloro-m-xylene	61.0		25-140	%REC	1	05/30/13 11:51 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:08 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/29/13	Analyst: RH
Arsenic	ND		0.010	mg/L	1	05/29/13 04:33 PM
Barium	0.18		0.050	mg/L	1	05/29/13 04:33 PM
Cadmium	ND		0.0020	mg/L	1	05/29/13 04:33 PM
Chromium	ND		0.020	mg/L	1	05/29/13 04:33 PM
Lead	ND		0.010	mg/L	1	05/29/13 04:33 PM
Selenium	ND		0.020	mg/L	1	05/29/13 04:33 PM
Silver	ND		0.0050	mg/L	1	05/29/13 04:33 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/31/13 02:39 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 02:39 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 02:39 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/31/13 02:39 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/31/13 02:39 AM
Hexachlorobenzene	ND		0.10	mg/L	1	05/31/13 02:39 AM
Hexachloroethane	ND		0.10	mg/L	1	05/31/13 02:39 AM
m-Cresol	ND		0.10	mg/L	1	05/31/13 02:39 AM
Nitrobenzene	ND		0.10	mg/L	1	05/31/13 02:39 AM
o-Cresol	ND		0.10	mg/L	1	05/31/13 02:39 AM
p-Cresol	ND		0.10	mg/L	1	05/31/13 02:39 AM
Pentachlorophenol	ND		0.40	mg/L	1	05/31/13 02:39 AM
Pyridine	ND		0.40	mg/L	1	05/31/13 02:39 AM
Surr: 2,4,6-Tribromophenol	48.7		21-125	%REC	1	05/31/13 02:39 AM

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

ALS Group USA, Corp

Date: 04-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-54-0-2W
Collection Date: 05/20/13 01:41 PM

Work Order: 13051010
Lab ID: 13051010-02
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	52.1		39-94	%REC	1	05/31/13 02:39 AM
<i>Surr: 2-Fluorophenol</i>	35.4		10-75	%REC	1	05/31/13 02:39 AM
<i>Surr: 4-Terphenyl-d14</i>	115		26-119	%REC	1	05/31/13 02:39 AM
<i>Surr: Nitrobenzene-d5</i>	52.7		41-104	%REC	1	05/31/13 02:39 AM
<i>Surr: Phenol-d6</i>	20.3		11-50	%REC	1	05/31/13 02:39 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/29/13	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	05/29/13 06:07 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/29/13 06:07 PM
2-Butanone	ND		0.20	mg/L	20	05/29/13 06:07 PM
Benzene	ND		0.020	mg/L	20	05/29/13 06:07 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/29/13 06:07 PM
Chlorobenzene	ND		0.020	mg/L	20	05/29/13 06:07 PM
Chloroform	ND		0.020	mg/L	20	05/29/13 06:07 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/29/13 06:07 PM
Trichloroethene	ND		0.020	mg/L	20	05/29/13 06:07 PM
Vinyl chloride	ND		0.020	mg/L	20	05/29/13 06:07 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	108		70-130	%REC	20	05/29/13 06:07 PM
<i>Surr: 4-Bromofluorobenzene</i>	101		70-130	%REC	20	05/29/13 06:07 PM
<i>Surr: Dibromofluoromethane</i>	106		70-130	%REC	20	05/29/13 06:07 PM
<i>Surr: Toluene-d8</i>	101		70-130	%REC	20	05/29/13 06:07 PM

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

ALS Group USA, Corp

Date: 04-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051010

Sample ID: IA1-513-2-4W

Lab ID: 13051010-03

Collection Date: 05/20/13 03:55 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 06:33 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 06:33 PM
Surr: DCAA	88.6		30-150	%REC	1	05/29/13 06:33 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/31/13 12:07 AM
Endrin	ND		0.00025	mg/L	1	05/31/13 12:07 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/31/13 12:07 AM
Heptachlor	ND		0.00025	mg/L	1	05/31/13 12:07 AM
Methoxychlor	ND		0.00025	mg/L	1	05/31/13 12:07 AM
Toxaphene	ND		0.020	mg/L	1	05/31/13 12:07 AM
Surr: Decachlorobiphenyl	59.0		30-135	%REC	1	05/31/13 12:07 AM
Surr: Tetrachloro-m-xylene	60.0		25-140	%REC	1	05/31/13 12:07 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:10 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/29/13	Analyst: RH
Arsenic	ND		0.010	mg/L	1	05/29/13 04:38 PM
Barium	0.82		0.050	mg/L	1	05/29/13 04:38 PM
Cadmium	0.0073		0.0020	mg/L	1	05/29/13 04:38 PM
Chromium	ND		0.020	mg/L	1	05/29/13 04:38 PM
Lead	ND		0.010	mg/L	1	05/29/13 04:38 PM
Selenium	ND		0.020	mg/L	1	05/29/13 04:38 PM
Silver	ND		0.0050	mg/L	1	05/29/13 04:38 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/31/13 03:01 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 03:01 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 03:01 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/31/13 03:01 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/31/13 03:01 AM
Hexachlorobenzene	ND		0.10	mg/L	1	05/31/13 03:01 AM
Hexachloroethane	ND		0.10	mg/L	1	05/31/13 03:01 AM
m-Cresol	ND		0.10	mg/L	1	05/31/13 03:01 AM
Nitrobenzene	ND		0.10	mg/L	1	05/31/13 03:01 AM
o-Cresol	ND		0.10	mg/L	1	05/31/13 03:01 AM
p-Cresol	ND		0.10	mg/L	1	05/31/13 03:01 AM
Pentachlorophenol	ND		0.40	mg/L	1	05/31/13 03:01 AM
Pyridine	ND		0.40	mg/L	1	05/31/13 03:01 AM
Surr: 2,4,6-Tribromophenol	47.9		21-125	%REC	1	05/31/13 03:01 AM

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

ALS Group USA, Corp

Date: 04-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051010

Sample ID: IA1-513-2-4W

Lab ID: 13051010-03

Collection Date: 05/20/13 03:55 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	51.9		39-94	%REC	1	05/31/13 03:01 AM
<i>Surr: 2-Fluorophenol</i>	31.9		10-75	%REC	1	05/31/13 03:01 AM
<i>Surr: 4-Terphenyl-d14</i>	114		26-119	%REC	1	05/31/13 03:01 AM
<i>Surr: Nitrobenzene-d5</i>	50.5		41-104	%REC	1	05/31/13 03:01 AM
<i>Surr: Phenol-d6</i>	17.0		11-50	%REC	1	05/31/13 03:01 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/29/13	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	05/29/13 06:29 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/29/13 06:29 PM
2-Butanone	ND		0.20	mg/L	20	05/29/13 06:29 PM
Benzene	ND		0.020	mg/L	20	05/29/13 06:29 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/29/13 06:29 PM
Chlorobenzene	ND		0.020	mg/L	20	05/29/13 06:29 PM
Chloroform	ND		0.020	mg/L	20	05/29/13 06:29 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/29/13 06:29 PM
Trichloroethene	ND		0.020	mg/L	20	05/29/13 06:29 PM
Vinyl chloride	ND		0.020	mg/L	20	05/29/13 06:29 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	107		70-130	%REC	20	05/29/13 06:29 PM
<i>Surr: 4-Bromofluorobenzene</i>	102		70-130	%REC	20	05/29/13 06:29 PM
<i>Surr: Dibromofluoromethane</i>	104		70-130	%REC	20	05/29/13 06:29 PM
<i>Surr: Toluene-d8</i>	102		70-130	%REC	20	05/29/13 06:29 PM

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

ALS Group USA, Corp

Date: 04-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: SED-2-052113-0001W
Collection Date: 05/21/13 09:00 AM

Work Order: 13051010
Lab ID: 13051010-04
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 06:46 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 06:46 PM
Surr: DCAA	96.4		30-150	%REC	1	05/29/13 06:46 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/31/13 12:23 AM
Endrin	ND		0.00025	mg/L	1	05/31/13 12:23 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/31/13 12:23 AM
Heptachlor	ND		0.00025	mg/L	1	05/31/13 12:23 AM
Methoxychlor	ND		0.00025	mg/L	1	05/31/13 12:23 AM
Toxaphene	ND		0.020	mg/L	1	05/31/13 12:23 AM
Surr: Decachlorobiphenyl	54.0		30-135	%REC	1	05/31/13 12:23 AM
Surr: Tetrachloro-m-xylene	54.0		25-140	%REC	1	05/31/13 12:23 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:18 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/29/13	Analyst: RH
Arsenic	ND		0.010	mg/L	1	05/29/13 04:43 PM
Barium	0.17		0.050	mg/L	1	05/29/13 04:43 PM
Cadmium	ND		0.0020	mg/L	1	05/29/13 04:43 PM
Chromium	ND		0.020	mg/L	1	05/29/13 04:43 PM
Lead	ND		0.010	mg/L	1	05/29/13 04:43 PM
Selenium	ND		0.020	mg/L	1	05/29/13 04:43 PM
Silver	ND		0.0050	mg/L	1	05/29/13 04:43 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/31/13 03:23 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 03:23 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 03:23 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/31/13 03:23 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/31/13 03:23 AM
Hexachlorobenzene	ND		0.10	mg/L	1	05/31/13 03:23 AM
Hexachloroethane	ND		0.10	mg/L	1	05/31/13 03:23 AM
m-Cresol	ND		0.10	mg/L	1	05/31/13 03:23 AM
Nitrobenzene	ND		0.10	mg/L	1	05/31/13 03:23 AM
o-Cresol	ND		0.10	mg/L	1	05/31/13 03:23 AM
p-Cresol	ND		0.10	mg/L	1	05/31/13 03:23 AM
Pentachlorophenol	ND		0.40	mg/L	1	05/31/13 03:23 AM
Pyridine	ND		0.40	mg/L	1	05/31/13 03:23 AM
Surr: 2,4,6-Tribromophenol	38.7		21-125	%REC	1	05/31/13 03:23 AM

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

ALS Group USA, Corp

Date: 04-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: SED-2-052113-0001W
Collection Date: 05/21/13 09:00 AM

Work Order: 13051010
Lab ID: 13051010-04
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	43.4		39-94	%REC	1	05/31/13 03:23 AM
<i>Surr: 2-Fluorophenol</i>	23.6		10-75	%REC	1	05/31/13 03:23 AM
<i>Surr: 4-Terphenyl-d14</i>	124	S	26-119	%REC	1	05/31/13 03:23 AM
<i>Surr: Nitrobenzene-d5</i>	39.5	S	41-104	%REC	1	05/31/13 03:23 AM
<i>Surr: Phenol-d6</i>	10.9	S	11-50	%REC	1	05/31/13 03:23 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/29/13	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	05/29/13 06:50 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/29/13 06:50 PM
2-Butanone	ND		0.20	mg/L	20	05/29/13 06:50 PM
Benzene	ND		0.020	mg/L	20	05/29/13 06:50 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/29/13 06:50 PM
Chlorobenzene	ND		0.020	mg/L	20	05/29/13 06:50 PM
Chloroform	ND		0.020	mg/L	20	05/29/13 06:50 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/29/13 06:50 PM
Trichloroethene	ND		0.020	mg/L	20	05/29/13 06:50 PM
Vinyl chloride	ND		0.020	mg/L	20	05/29/13 06:50 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	108		70-130	%REC	20	05/29/13 06:50 PM
<i>Surr: 4-Bromofluorobenzene</i>	100		70-130	%REC	20	05/29/13 06:50 PM
<i>Surr: Dibromofluoromethane</i>	104		70-130	%REC	20	05/29/13 06:50 PM
<i>Surr: Toluene-d8</i>	100		70-130	%REC	20	05/29/13 06:50 PM

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

ALS Group USA, Corp

Date: 04-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-59-2-4W
Collection Date: 05/21/13 10:10 AM

Work Order: 13051010
Lab ID: 13051010-05
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 07:00 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 07:00 PM
Surr: DCAA	98.6		30-150	%REC	1	05/29/13 07:00 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/31/13 12:38 AM
Endrin	ND		0.00025	mg/L	1	05/31/13 12:38 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/31/13 12:38 AM
Heptachlor	ND		0.00025	mg/L	1	05/31/13 12:38 AM
Methoxychlor	ND		0.00025	mg/L	1	05/31/13 12:38 AM
Toxaphene	ND		0.020	mg/L	1	05/31/13 12:38 AM
Surr: Decachlorobiphenyl	61.0		30-135	%REC	1	05/31/13 12:38 AM
Surr: Tetrachloro-m-xylene	64.0		25-140	%REC	1	05/31/13 12:38 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:20 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/29/13	Analyst: RH
Arsenic	ND		0.010	mg/L	1	05/29/13 04:50 PM
Barium	0.37		0.050	mg/L	1	05/29/13 04:50 PM
Cadmium	ND		0.0020	mg/L	1	05/29/13 04:50 PM
Chromium	ND		0.020	mg/L	1	05/29/13 04:50 PM
Lead	ND		0.010	mg/L	1	05/29/13 04:50 PM
Selenium	ND		0.020	mg/L	1	05/29/13 04:50 PM
Silver	ND		0.0050	mg/L	1	05/29/13 04:50 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/31/13 03:45 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 03:45 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 03:45 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/31/13 03:45 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/31/13 03:45 AM
Hexachlorobenzene	ND		0.10	mg/L	1	05/31/13 03:45 AM
Hexachloroethane	ND		0.10	mg/L	1	05/31/13 03:45 AM
m-Cresol	ND		0.10	mg/L	1	05/31/13 03:45 AM
Nitrobenzene	ND		0.10	mg/L	1	05/31/13 03:45 AM
o-Cresol	ND		0.10	mg/L	1	05/31/13 03:45 AM
p-Cresol	ND		0.10	mg/L	1	05/31/13 03:45 AM
Pentachlorophenol	ND		0.40	mg/L	1	05/31/13 03:45 AM
Pyridine	ND		0.40	mg/L	1	05/31/13 03:45 AM
Surr: 2,4,6-Tribromophenol	47.2		21-125	%REC	1	05/31/13 03:45 AM

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

ALS Group USA, Corp

Date: 04-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051010

Sample ID: IA1-59-2-4W

Lab ID: 13051010-05

Collection Date: 05/21/13 10:10 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	58.2		39-94	%REC	1	05/31/13 03:45 AM
<i>Surr: 2-Fluorophenol</i>	31.9		10-75	%REC	1	05/31/13 03:45 AM
<i>Surr: 4-Terphenyl-d14</i>	119		26-119	%REC	1	05/31/13 03:45 AM
<i>Surr: Nitrobenzene-d5</i>	54.5		41-104	%REC	1	05/31/13 03:45 AM
<i>Surr: Phenol-d6</i>	14.1		11-50	%REC	1	05/31/13 03:45 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/29/13	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	05/30/13 05:20 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/30/13 05:20 PM
2-Butanone	ND		0.20	mg/L	20	05/30/13 05:20 PM
Benzene	ND		0.020	mg/L	20	05/30/13 05:20 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/30/13 05:20 PM
Chlorobenzene	ND		0.020	mg/L	20	05/30/13 05:20 PM
Chloroform	ND		0.020	mg/L	20	05/30/13 05:20 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/30/13 05:20 PM
Trichloroethene	ND		0.020	mg/L	20	05/30/13 05:20 PM
Vinyl chloride	ND		0.020	mg/L	20	05/30/13 05:20 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	108		70-130	%REC	20	05/30/13 05:20 PM
<i>Surr: 4-Bromofluorobenzene</i>	96.0		70-130	%REC	20	05/30/13 05:20 PM
<i>Surr: Dibromofluoromethane</i>	105		70-130	%REC	20	05/30/13 05:20 PM
<i>Surr: Toluene-d8</i>	99.8		70-130	%REC	20	05/30/13 05:20 PM

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

Client: Weston Solutions, Inc

QC BATCH REPORT

Work Order: 13051010

Project: 20405.016.001.2063.00/Whirlpool Park Site

Batch ID: **48710**

Instrument ID **GC12**

Method: **SW8081**

MBLK		Sample ID: PBLKW1-48710-48710				Units: µg/L		Analysis Date: 05/30/13 10:34 PM			
Client ID:		Run ID: GC12_130530B				SeqNo: 2338076		Prep Date: 05/29/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Chlordane, Technical	ND	1.0									
Endrin	ND	0.050									
gamma-BHC (Lindane)	ND	0.050									
Heptachlor	ND	0.050									
Methoxychlor	ND	0.050									
Toxaphene	ND	4.0									
<i>Surr: Decachlorobiphenyl</i>	0.062	0	0.1	0	62	30-135	0				
<i>Surr: Tetrachloro-m-xylene</i>	0.058	0	0.1	0	58	25-140	0				

LCS		Sample ID: PLCSW1-48710-48710				Units: µg/L		Analysis Date: 05/30/13 10:49 PM			
Client ID:		Run ID: GC12_130530B				SeqNo: 2338077		Prep Date: 05/29/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Endrin	0.066	0.050	0.1	0	66	55-135	0				
gamma-BHC (Lindane)	0.052	0.050	0.1	0	52	25-135	0				
Heptachlor	0.052	0.050	0.1	0	52	40-130	0				
Methoxychlor	0.087	0.050	0.1	0	87	55-150	0				
<i>Surr: Decachlorobiphenyl</i>	0.066	0	0.1	0	66	30-135	0				
<i>Surr: Tetrachloro-m-xylene</i>	0.045	0	0.1	0	45	25-140	0				

MS		Sample ID: 13051010-01B MS				Units: µg/L		Analysis Date: 05/30/13 11:20 PM			
Client ID: IA2-56-000.5W		Run ID: GC12_130530B				SeqNo: 2338062		Prep Date: 05/29/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Endrin	1.9	1.0	2	0	95	55-135	0				
gamma-BHC (Lindane)	1.38	1.0	2	0	69	25-135	0				
Heptachlor	1.36	1.0	2	0	68	40-130	0				
Methoxychlor	1.64	1.0	2	0	82	55-150	0				
<i>Surr: Decachlorobiphenyl</i>	1.3	0	2	0	65	30-135	0				
<i>Surr: Tetrachloro-m-xylene</i>	1.06	0	2	0	53	25-140	0				

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 13051010
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48710** Instrument ID **GC12** Method: **SW8081**

MSD		Sample ID: 13051010-01B MSD				Units: µg/L		Analysis Date: 05/30/13 11:36 PM		
Client ID: IA2-56-000.5W		Run ID: GC12_130530B				SeqNo: 2338063		Prep Date: 05/29/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Endrin	1.78	1.0	2	0	89	55-135	1.9	6.52	35	
gamma-BHC (Lindane)	1.38	1.0	2	0	69	25-135	1.38	0	35	
Heptachlor	1.38	1.0	2	0	69	40-130	1.36	1.46	35	
Methoxychlor	1.74	1.0	2	0	87	55-150	1.64	5.92	35	
<i>Surr: Decachlorobiphenyl</i>	1.36	0	2	0	68	30-135	1.3	4.51	35	
<i>Surr: Tetrachloro-m-xylene</i>	1.16	0	2	0	58	25-140	1.06	9.01	35	

The following samples were analyzed in this batch:

13051010-01B	13051010-02B	13051010-03B
13051010-04B	13051010-05B	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051010
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48711 Instrument ID GC12 Method: SW8151

MBLK		Sample ID: HBLKW1-48711-48711				Units: µg/L		Analysis Date: 05/29/13 04:44 PM		
Client ID:		Run ID: GC12_130529A			SeqNo: 2338289		Prep Date: 05/29/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-TP (Silvex)	ND	5.0								
2,4-D	ND	5.0								
Surr: DCAA	49.9	0	50	0	99.8	30-150	0			

LCS		Sample ID: HLCSW1-48711-48711				Units: µg/L		Analysis Date: 05/29/13 04:58 PM		
Client ID:		Run ID: GC12_130529A			SeqNo: 2338290		Prep Date: 05/29/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-TP (Silvex)	71.8	5.0	50	0	144	50-150	0			
2,4-D	67	5.0	50	0	134	50-150	0			
Surr: DCAA	49.3	0	50	0	98.6	30-150	0			

MS		Sample ID: 13051010-01B MS				Units: µg/L		Analysis Date: 05/29/13 05:25 PM		
Client ID: IA2-56-000.5W		Run ID: GC12_130529A			SeqNo: 2338275		Prep Date: 05/29/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-TP (Silvex)	75.8	5.0	50	0	152	50-150	0			S
2,4-D	74.3	5.0	50	0	149	50-150	0			
Surr: DCAA	50.9	0	50	0	102	30-150	0			

MSD		Sample ID: 13051010-01B MSD				Units: µg/L		Analysis Date: 05/29/13 05:38 PM		
Client ID: IA2-56-000.5W		Run ID: GC12_130529A			SeqNo: 2338276		Prep Date: 05/29/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-TP (Silvex)	70.8	5.0	50	0	142	50-150	75.8	6.82	30	
2,4-D	69.3	5.0	50	0	139	50-150	74.3	6.96	30	
Surr: DCAA	49.4	0	50	0	98.8	30-150	50.9	2.99	30	

The following samples were analyzed in this batch:

13051010-01B	13051010-02B	13051010-03B
13051010-04B	13051010-05B	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051010
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48727** Instrument ID **HG1** Method: **SW7470**

MBLK	Sample ID: MBLK-48727-48727		Units: mg/L		Analysis Date: 05/29/13 03:56 PM					
Client ID:	Run ID: HG1_130529A		SeqNo: 2334424		Prep Date: 05/29/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury ND 0.00020

LCS	Sample ID: LCS-48727-48727		Units: mg/L		Analysis Date: 05/29/13 03:58 PM					
Client ID:	Run ID: HG1_130529A		SeqNo: 2334425		Prep Date: 05/29/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.002001 0.00020 0.002 0 100 80-120 0

MS	Sample ID: 1305766-01HMS		Units: mg/L		Analysis Date: 05/29/13 04:02 PM					
Client ID:	Run ID: HG1_130529A		SeqNo: 2334427		Prep Date: 05/29/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.002046 0.00020 0.002 0.000059 99.4 75-125 0

MSD	Sample ID: 1305766-01HMSD		Units: mg/L		Analysis Date: 05/29/13 04:04 PM					
Client ID:	Run ID: HG1_130529A		SeqNo: 2334428		Prep Date: 05/29/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.002066 0.00020 0.002 0.000059 100 75-125 0.002046 0.973 20

The following samples were analyzed in this batch:

13051010-01B	13051010-02B	13051010-03B
13051010-04B	13051010-05B	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051010
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48716 Instrument ID ICPMS2 Method: SW6020A

MBLK		Sample ID: MBLK-48716-48716			Units: mg/L			Analysis Date: 05/29/13 04:12 PM		
Client ID:		Run ID: ICPMS2_130529A			SeqNo: 2334638		Prep Date: 05/29/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.0050								
Barium	ND	0.0050								
Cadmium	ND	0.0020								
Chromium	ND	0.0050								
Lead	ND	0.0050								
Selenium	ND	0.0050								
Silver	ND	0.0050								

LCS		Sample ID: LCS-48716-48716			Units: mg/L			Analysis Date: 05/29/13 04:17 PM		
Client ID:		Run ID: ICPMS2_130529A			SeqNo: 2334639		Prep Date: 05/29/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.1013	0.0050	0.1	0	101	80-120	0			
Barium	0.1038	0.0050	0.1	0	104	80-120	0			
Cadmium	0.1037	0.0020	0.1	0	104	80-120	0			
Chromium	0.1005	0.0050	0.1	0	100	80-120	0			
Lead	0.1038	0.0050	0.1	0	104	80-120	0			
Selenium	0.1006	0.0050	0.1	0	101	80-120	0			
Silver	0.1015	0.0050	0.1	0	102	80-120	0			

MS		Sample ID: 1305962-06DMS			Units: mg/L			Analysis Date: 05/29/13 06:19 PM		
Client ID:		Run ID: ICPMS2_130529A			SeqNo: 2334662		Prep Date: 05/29/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.1013	0.0050	0.1	-0.00001145	101	75-125	0			
Barium	0.1464	0.0050	0.1	0.04995	96.4	75-125	0			
Cadmium	0.09644	0.0020	0.1	0.0004862	96	75-125	0			
Chromium	0.09861	0.0050	0.1	0.0002865	98.3	75-125	0			
Lead	0.09453	0.0050	0.1	0.0001187	94.4	75-125	0			
Selenium	0.09954	0.0050	0.1	0.0003523	99.2	75-125	0			
Silver	0.09584	0.0050	0.1	-0.00000505	95.8	75-125	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 13051010
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48716** Instrument ID **ICPMS2** Method: **SW6020A**

MSD		Sample ID: 1305962-06DMSD				Units: mg/L		Analysis Date: 05/29/13 06:24 PM		
Client ID:		Run ID: ICPMS2_130529A			SeqNo: 2334663		Prep Date: 05/29/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.1023	0.0050	0.1	-0.00001145	102	75-125	0.1013	0.982	20	
Barium	0.1504	0.0050	0.1	0.04995	100	75-125	0.1464	2.7	20	
Cadmium	0.09937	0.0020	0.1	0.0004862	98.9	75-125	0.09644	2.99	20	
Chromium	0.0992	0.0050	0.1	0.0002865	98.9	75-125	0.09861	0.597	20	
Lead	0.09678	0.0050	0.1	0.0001187	96.7	75-125	0.09453	2.35	20	
Selenium	0.09967	0.0050	0.1	0.0003523	99.3	75-125	0.09954	0.131	20	
Silver	0.09651	0.0050	0.1	-0.00000505	96.5	75-125	0.09584	0.697	20	

The following samples were analyzed in this batch:

13051010-01B	13051010-02B	13051010-03B
13051010-04B	13051010-05B	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051010
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48738** Instrument ID **SVMS7** Method: **SW8270**

MBLK		Sample ID: SBLKW1-48738-48738				Units: µg/L		Analysis Date: 05/30/13 06:13 PM		
Client ID:		Run ID: SVMS7_130530A			SeqNo: 2336434		Prep Date: 05/30/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,4-Dichlorobenzene	ND	5.0								
2,4,5-Trichlorophenol	ND	5.0								
2,4,6-Trichlorophenol	ND	5.0								
2,4-Dinitrotoluene	ND	5.0								
Hexachloro-1,3-butadiene	ND	5.0								
Hexachlorobenzene	ND	5.0								
Hexachloroethane	ND	5.0								
m-Cresol	ND	5.0								
Nitrobenzene	ND	5.0								
o-Cresol	ND	5.0								
p-Cresol	ND	5.0								
Pentachlorophenol	ND	20								
Pyridine	ND	20								
<i>Surr: 2,4,6-Tribromophenol</i>	26.08	0	50	0	52.2	21-125	0			
<i>Surr: 2-Fluorobiphenyl</i>	28.57	0	50	0	57.1	36-94	0			
<i>Surr: 2-Fluorophenol</i>	15.95	0	50	0	31.9	10-75	0			
<i>Surr: 4-Terphenyl-d14</i>	52.48	0	50	0	105	26-119	0			
<i>Surr: Nitrobenzene-d5</i>	26	0	50	0	52	41-104	0			
<i>Surr: Phenol-d6</i>	8.26	0	50	0	16.5	11-50	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 13051010
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48738** Instrument ID **SVMS7** Method: **SW8270**

LCS		Sample ID: SLCSW1-48738-48738				Units: µg/L		Analysis Date: 05/30/13 06:36 PM			
Client ID:		Run ID: SVMS7_130530A				SeqNo: 2336435		Prep Date: 05/30/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
1,4-Dichlorobenzene	11.41	5.0	20	0	57	30-110	0				
2,4,5-Trichlorophenol	12.84	5.0	20	0	64.2	50-110	0				
2,4,6-Trichlorophenol	11.91	5.0	20	0	59.6	50-115	0				
2,4-Dinitrotoluene	13.37	5.0	20	0	66.8	50-120	0				
Hexachloro-1,3-butadiene	10.98	5.0	20	0	54.9	25-105	0				
Hexachlorobenzene	14.04	5.0	20	0	70.2	50-110	0				
Hexachloroethane	11.66	5.0	20	0	58.3	30-95	0				
m-Cresol	8.44	5.0	20	0	42.2	30-110	0				
Nitrobenzene	12.29	5.0	20	0	61.4	45-110	0				
o-Cresol	10.06	5.0	20	0	50.3	40-110	0				
p-Cresol	8.44	5.0	20	0	42.2	30-110	0				
Pentachlorophenol	15.04	20	20	0	75.2	40-115	0			J	
Pyridine	5.47	20	20	0	27.4	10-71	0			J	
<i>Surr: 2,4,6-Tribromophenol</i>	31.75	0	50	0	63.5	21-125	0				
<i>Surr: 2-Fluorobiphenyl</i>	31	0	50	0	62	36-94	0				
<i>Surr: 2-Fluorophenol</i>	17.25	0	50	0	34.5	10-75	0				
<i>Surr: 4-Terphenyl-d14</i>	51.81	0	50	0	104	26-119	0				
<i>Surr: Nitrobenzene-d5</i>	28.32	0	50	0	56.6	41-104	0				
<i>Surr: Phenol-d6</i>	10.48	0	50	0	21	11-50	0				

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 13051010
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48738** Instrument ID **SVMS7** Method: **SW8270**

MS				Sample ID: 13051010-01B MS		Units: µg/L		Analysis Date: 05/30/13 09:04 PM		
Client ID: IA2-56-000.5W				Run ID: SVMS7_130530A		SeqNo: 2336436		Prep Date: 05/30/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,4-Dichlorobenzene	224	100	400	0	56	30-110	0			
2,4,5-Trichlorophenol	252.8	100	400	0	63.2	50-110	0			
2,4,6-Trichlorophenol	227.8	100	400	0	57	50-115	0			
2,4-Dinitrotoluene	267.6	100	400	0	66.9	50-120	0			
Hexachloro-1,3-butadiene	205.8	100	400	0	51.4	25-105	0			
Hexachlorobenzene	268.2	100	400	0	67	50-110	0			
Hexachloroethane	228.8	100	400	0	57.2	30-95	0			
m-Cresol	164.4	100	400	0	41.1	30-110	0			
Nitrobenzene	240.2	100	400	0	60	45-110	0			
o-Cresol	202.2	100	400	0	50.6	40-110	0			
p-Cresol	164.4	100	400	0	41.1	30-110	0			
Pentachlorophenol	335.4	400	400	0	83.8	40-115	0			J
Pyridine	131.6	400	400	0	32.9	10-80	0			J
<i>Surr: 2,4,6-Tribromophenol</i>	639.8	0	1000	0	64	21-125	0			
<i>Surr: 2-Fluorobiphenyl</i>	558.8	0	1000	0	55.9	36-94	0			
<i>Surr: 2-Fluorophenol</i>	332.2	0	1000	0	33.2	10-75	0			
<i>Surr: 4-Terphenyl-d14</i>	935	0	1000	0	93.5	26-119	0			
<i>Surr: Nitrobenzene-d5</i>	550.8	0	1000	0	55.1	41-104	0			
<i>Surr: Phenol-d6</i>	196	0	1000	0	19.6	11-50	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051010
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48738** Instrument ID **SVMS7** Method: **SW8270**

MSD		Sample ID: 13051010-01B MSD				Units: µg/L		Analysis Date: 05/30/13 09:26 PM		
Client ID: IA2-56-000.5W		Run ID: SVMS7_130530A				SeqNo: 2336437		Prep Date: 05/30/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,4-Dichlorobenzene	239	100	400	0	59.8	30-110	224	6.48	30	
2,4,5-Trichlorophenol	263.4	100	400	0	65.8	50-110	252.8	4.11	30	
2,4,6-Trichlorophenol	240	100	400	0	60	50-115	227.8	5.22	30	
2,4-Dinitrotoluene	264.8	100	400	0	66.2	50-120	267.6	1.05	30	
Hexachloro-1,3-butadiene	217.6	100	400	0	54.4	25-105	205.8	5.57	30	
Hexachlorobenzene	272	100	400	0	68	50-110	268.2	1.41	30	
Hexachloroethane	246.6	100	400	0	61.6	30-95	228.8	7.49	30	
m-Cresol	187	100	400	0	46.8	30-110	164.4	12.9	30	
Nitrobenzene	253.4	100	400	0	63.4	45-110	240.2	5.35	30	
o-Cresol	220.4	100	400	0	55.1	40-110	202.2	8.61	30	
p-Cresol	187	100	400	0	46.8	30-110	164.4	12.9	30	
Pentachlorophenol	320.4	400	400	0	80.1	40-115	335.4	0	30	J
Pyridine	148.6	400	400	0	37.2	10-80	131.6	0	30	J
<i>Surr: 2,4,6-Tribromophenol</i>	<i>640.4</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>64</i>	<i>21-125</i>	<i>639.8</i>	<i>0.0937</i>	<i>0</i>	
<i>Surr: 2-Fluorobiphenyl</i>	<i>591.8</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>59.2</i>	<i>36-94</i>	<i>558.8</i>	<i>5.74</i>	<i>0</i>	
<i>Surr: 2-Fluorophenol</i>	<i>381.8</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>38.2</i>	<i>10-75</i>	<i>332.2</i>	<i>13.9</i>	<i>0</i>	
<i>Surr: 4-Terphenyl-d14</i>	<i>940.2</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>94</i>	<i>26-119</i>	<i>935</i>	<i>0.555</i>	<i>0</i>	
<i>Surr: Nitrobenzene-d5</i>	<i>572.8</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>57.3</i>	<i>41-104</i>	<i>550.8</i>	<i>3.92</i>	<i>0</i>	
<i>Surr: Phenol-d6</i>	<i>235.2</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>23.5</i>	<i>11-50</i>	<i>196</i>	<i>18.2</i>	<i>0</i>	

The following samples were analyzed in this batch:

13051010-01B	13051010-02B	13051010-03B
13051010-04B	13051010-05B	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051010
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: R121427A Instrument ID VMS9 Method: SW8260

MBLK		Sample ID: VBLKW1-130529-R121427A				Units: µg/L		Analysis Date: 05/29/13 11:34 AM		
Client ID:		Run ID: VMS9_130529A				SeqNo: 2334848		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
2-Butanone	ND	5.0								
Benzene	ND	1.0								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroform	ND	1.0								
Tetrachloroethene	ND	2.0								
Trichloroethene	ND	1.0								
Vinyl chloride	ND	1.0								
<i>Surr: 1,2-Dichloroethane-d4</i>	21.16	0	20	0	106	70-120	0			
<i>Surr: 4-Bromofluorobenzene</i>	20.31	0	20	0	102	75-120	0			
<i>Surr: Dibromofluoromethane</i>	20.83	0	20	0	104	85-115	0			
<i>Surr: Toluene-d8</i>	19.82	0	20	0	99.1	85-120	0			

LCS		Sample ID: VLCSW1-130529-R121427A				Units: µg/L		Analysis Date: 05/29/13 10:50 AM		
Client ID:		Run ID: VMS9_130529A				SeqNo: 2334847		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	16.96	1.0	20	0	84.8	70-130	0			
1,2-Dichloroethane	20.6	1.0	20	0	103	70-130	0			
2-Butanone	19.42	5.0	20	0	97.1	30-150	0			
Benzene	19.22	1.0	20	0	96.1	80-120	0			
Carbon tetrachloride	17.9	1.0	20	0	89.5	65-140	0			
Chlorobenzene	18.89	1.0	20	0	94.4	80-120	0			
Chloroform	19.61	1.0	20	0	98	65-135	0			
Tetrachloroethene	18.78	2.0	20	0	93.9	45-150	0			
Trichloroethene	19.63	1.0	20	0	98.2	70-125	0			
Vinyl chloride	17.57	1.0	20	0	87.8	50-145	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	21.02	0	20	0	105	70-120	0			
<i>Surr: 4-Bromofluorobenzene</i>	20.39	0	20	0	102	75-120	0			
<i>Surr: Dibromofluoromethane</i>	21.18	0	20	0	106	85-115	0			
<i>Surr: Toluene-d8</i>	20.05	0	20	0	100	85-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051010
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: R121427A Instrument ID VMS9 Method: SW8260

MS		Sample ID: 1305566-07A MS				Units: µg/L		Analysis Date: 05/29/13 07:34 PM		
Client ID:		Run ID: VMS9_130529A				SeqNo: 2334862		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	20.61	1.0	20	0	103	70-130	0			
1,2-Dichloroethane	21.24	1.0	20	0	106	70-130	0			
2-Butanone	23.63	5.0	20	0	118	30-150	0			
Benzene	20.35	1.0	20	0	102	80-120	0			
Carbon tetrachloride	20.14	1.0	20	0	101	65-140	0			
Chlorobenzene	19.61	1.0	20	0	98	80-120	0			
Chloroform	21.95	1.0	20	0	110	65-135	0			
Tetrachloroethene	20.2	2.0	20	0	101	45-150	0			
Trichloroethene	20.62	1.0	20	0	103	70-125	0			
Vinyl chloride	22.06	1.0	20	0	110	50-145	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	21.06	0	20	0	105	70-120	0			
<i>Surr: 4-Bromofluorobenzene</i>	20.49	0	20	0	102	75-120	0			
<i>Surr: Dibromofluoromethane</i>	21.04	0	20	0	105	85-115	0			
<i>Surr: Toluene-d8</i>	19.93	0	20	0	99.6	85-120	0			

MSD		Sample ID: 1305566-07A MSD				Units: µg/L		Analysis Date: 05/29/13 07:56 PM		
Client ID:		Run ID: VMS9_130529A				SeqNo: 2334863		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	20.05	1.0	20	0	100	70-130	20.61	2.75	30	
1,2-Dichloroethane	21.22	1.0	20	0	106	70-130	21.24	0.0942	30	
2-Butanone	23.63	5.0	20	0	118	30-150	23.63	0	30	
Benzene	20.33	1.0	20	0	102	80-120	20.35	0.0983	30	
Carbon tetrachloride	20.51	1.0	20	0	103	65-140	20.14	1.82	30	
Chlorobenzene	19.6	1.0	20	0	98	80-120	19.61	0.051	30	
Chloroform	21.79	1.0	20	0	109	65-135	21.95	0.732	30	
Tetrachloroethene	20.42	2.0	20	0	102	45-150	20.2	1.08	30	
Trichloroethene	20.84	1.0	20	0	104	70-125	20.62	1.06	30	
Vinyl chloride	21.25	1.0	20	0	106	50-145	22.06	3.74	30	
<i>Surr: 1,2-Dichloroethane-d4</i>	21.32	0	20	0	107	70-120	21.06	1.23	30	
<i>Surr: 4-Bromofluorobenzene</i>	20.79	0	20	0	104	75-120	20.49	1.45	30	
<i>Surr: Dibromofluoromethane</i>	20.96	0	20	0	105	85-115	21.04	0.381	30	
<i>Surr: Toluene-d8</i>	20.37	0	20	0	102	85-120	19.93	2.18	30	

The following samples were analyzed in this batch:

13051010-01A	13051010-02A	13051010-03A
13051010-04A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051010
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: R121474 Instrument ID VMS9 Method: SW8260

MBLK		Sample ID: VBLKW1-130530-R121474				Units: µg/L		Analysis Date: 05/30/13 11:29 AM		
Client ID:		Run ID: VMS9_130530A				SeqNo: 2336123		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
2-Butanone	ND	5.0								
Benzene	ND	1.0								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroform	ND	1.0								
Tetrachloroethene	ND	2.0								
Trichloroethene	ND	1.0								
Vinyl chloride	ND	1.0								
<i>Surr: 1,2-Dichloroethane-d4</i>	22	0	20	0	110	70-120	0			
<i>Surr: 4-Bromofluorobenzene</i>	20.03	0	20	0	100	75-120	0			
<i>Surr: Dibromofluoromethane</i>	20.95	0	20	0	105	85-115	0			
<i>Surr: Toluene-d8</i>	20.26	0	20	0	101	85-120	0			

LCS		Sample ID: VLCSW2-130530-R121474				Units: µg/L		Analysis Date: 05/30/13 11:51 AM		
Client ID:		Run ID: VMS9_130530A				SeqNo: 2336124		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	20.76	1.0	20	0	104	70-130	0			
1,2-Dichloroethane	22.74	1.0	20	0	114	70-130	0			
2-Butanone	24.49	5.0	20	0	122	30-150	0			
Benzene	21.73	1.0	20	0	109	80-120	0			
Carbon tetrachloride	20.87	1.0	20	0	104	65-140	0			
Chlorobenzene	20.92	1.0	20	0	105	80-120	0			
Chloroform	22.7	1.0	20	0	114	65-135	0			
Tetrachloroethene	20.83	2.0	20	0	104	45-150	0			
Trichloroethene	21.98	1.0	20	0	110	70-125	0			
Vinyl chloride	22.12	1.0	20	0	111	50-145	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	21.53	0	20	0	108	70-120	0			
<i>Surr: 4-Bromofluorobenzene</i>	20.39	0	20	0	102	75-120	0			
<i>Surr: Dibromofluoromethane</i>	21.15	0	20	0	106	85-115	0			
<i>Surr: Toluene-d8</i>	20.02	0	20	0	100	85-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051010
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: R121474 Instrument ID VMS9 Method: SW8260

MS		Sample ID: 13051087-02A MS				Units: µg/L		Analysis Date: 05/30/13 08:16 PM		
Client ID:		Run ID: VMS9_130530A			SeqNo: 2336132		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	20.35	1.0	20	0	102	70-130	0			
1,2-Dichloroethane	22.1	1.0	20	0	110	70-130	0			
2-Butanone	21.22	5.0	20	0	106	30-150	0			
Benzene	21.26	1.0	20	0	106	80-120	0			
Carbon tetrachloride	20.99	1.0	20	0	105	65-140	0			
Chlorobenzene	19.96	1.0	20	0	99.8	80-120	0			
Chloroform	21.26	1.0	20	0	106	65-135	0			
Tetrachloroethene	63.4	2.0	20	42.89	103	45-150	0			
Trichloroethene	27.63	1.0	20	6.6	105	70-125	0			
Vinyl chloride	21.86	1.0	20	0	109	50-145	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	21.69	0	20	0	108	70-120	0			
<i>Surr: 4-Bromofluorobenzene</i>	20.37	0	20	0	102	75-120	0			
<i>Surr: Dibromofluoromethane</i>	21	0	20	0	105	85-115	0			
<i>Surr: Toluene-d8</i>	20.46	0	20	0	102	85-120	0			

MSD		Sample ID: 13051087-02A MSD				Units: µg/L		Analysis Date: 05/30/13 08:37 PM		
Client ID:		Run ID: VMS9_130530A			SeqNo: 2336133		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	20.79	1.0	20	0	104	70-130	20.35	2.14	30	
1,2-Dichloroethane	21.43	1.0	20	0	107	70-130	22.1	3.08	30	
2-Butanone	22.65	5.0	20	0	113	30-150	21.22	6.52	30	
Benzene	20.58	1.0	20	0	103	80-120	21.26	3.25	30	
Carbon tetrachloride	19.02	1.0	20	0	95.1	65-140	20.99	9.85	30	
Chlorobenzene	19.91	1.0	20	0	99.6	80-120	19.96	0.251	30	
Chloroform	21.59	1.0	20	0	108	65-135	21.26	1.54	30	
Tetrachloroethene	62.51	2.0	20	42.89	98.1	45-150	63.4	1.41	30	
Trichloroethene	26.98	1.0	20	6.6	102	70-125	27.63	2.38	30	
Vinyl chloride	21.78	1.0	20	0	109	50-145	21.86	0.367	30	
<i>Surr: 1,2-Dichloroethane-d4</i>	21.05	0	20	0	105	70-120	21.69	2.99	30	
<i>Surr: 4-Bromofluorobenzene</i>	20.76	0	20	0	104	75-120	20.37	1.9	30	
<i>Surr: Dibromofluoromethane</i>	21.03	0	20	0	105	85-115	21	0.143	30	
<i>Surr: Toluene-d8</i>	20.02	0	20	0	100	85-120	20.46	2.17	30	

The following samples were analyzed in this batch:

13051010-05A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.



Environmental

Cincinnati, OH
+1 513 733 5336

Everett, WA
+1 425 356 2600

Fort Collins, CO
+1 970 490 1511

Holland, MI
+1 616 399 6070

Chain of Custody Form

Page 1 of 1

COC ID: **85291**

Houston, TX
+1 281 530 5656

Middletown, PA
+1 717 944 5541

Spring City, PA
+1 610 948 4903

Salt Lake City, UT
+1 801 266 7700

South Charleston, WV
+1 304 356 3168

York, PA
+1 717 505 5280

Customer Information		Project Information				Parameter/Method Request for Analysis												
Purchase Order	0082447	Project Name	Whirlpool Park Site		A	TCLP VOCs												
Work Order	20405.016.001.2063.00	Project Number	20405.016.001.2063.00		B	TCLP SVOCs												
Company Name	Weston Solutions, Inc	Bill To Company	Weston Solutions, Inc		C	TCLP Metals												
Send Report To	Lisa Graczyk	Invoice Attn	Lisa Graczyk		D	TCLP Pesticides												
Address	20 North Wacker Drive	Address	20 North Wacker Drive		E	TCLP Herbicides												
	Suite 1210		Suite 1210		F													
City/State/Zip	Chicago, IL 60606	City/State/Zip	Chicago, IL 60606		G													
Phone	(312) 424-3300	Phone	(312) 424-3300		H													
Fax	(312) 424-3330	Fax	(312) 424-3330		I													
e-Mail Address	LGRACEYK@CSS-DYNAMICAL.COM	e-Mail Address	LGRACEYK@CSS-DYNAMICAL.COM		J													
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold	
1	IA2-56-000.5W	5/20/13	1125	SOIL	---	2	X	X	X	X	X							
2	IA1-54-0-2W	5/20/13	1341	SOIL	---	2	X	X	X	X	X							
3	IA1-513-2-4W	5/20/13	1555	SOIL	---	2	X	X	X	X	X							
4	IA1-59-2-4W	5/21/13	0900	SOIL	---	2	X	X	X	X	X							
5	IA1-59-2-4W	5/21/13	1010	SOIL	---	2	X	X	X	X	X							
6																		
7																		
8																		
9																		
10																		
Sampler(s) Please Print & Sign <i>ANDREW KIER</i>		Shipment Method		Required Turnaround Time: (Check Box) <input type="checkbox"/> Std 10 WK Days <input type="checkbox"/> 5 WK Days <input type="checkbox"/> Other <input type="checkbox"/> 2 WK Days <input type="checkbox"/> 24 Hour				Results Due Date:										
Relinquished by: <i>[Signature]</i>	Date: 5/21/13	Time: 1445	Received by: <i>[Signature]</i>			Notes: TCLP analyses SEE COC 10: 85279												
Relinquished by: <i>[Signature]</i>	Date: 5/23/13	Time: 1500	Received by (Laboratory): <i>[Signature]</i>			Cooler ID	Cooler Temp. 4.0°C	QC Package: (Check One Box Below)										
Logged by (Laboratory): DQS	Date: 5/23/13	Time: 1530	Checked by (Laboratory): <i>[Signature]</i>			<input checked="" type="checkbox"/> Level II Std QC <input type="checkbox"/> TRRP CheckList <input type="checkbox"/> Level III Std QC/Rew Data <input type="checkbox"/> TRRP Level IV <input type="checkbox"/> Level IV 8W846/CLP <input type="checkbox"/> Other												
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5035																		

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
 2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
 3. The Chain of Custody is a legal document. All information must be completed accurately.

Sample Receipt Checklist

Client Name: **WESTON - CHI**

Date/Time Received: **23-May-13 15:00**

Work Order: **13051010**

Received by: **DS**

Checklist completed by Tam Bramish 28-May-13
eSignature Date

Reviewed by: Tam Bramish 28-May-13
eSignature Date

Matrices: soil
Carrier name: City Transfer

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container/Temp Blank temperature in compliance? Yes No

Temperature(s)/Thermometer(s): 4.0 C

Cooler(s)/Kit(s):

Date/Time sample(s) sent to storage: 05/23/13

Water - VOA vials have zero headspace? Yes No No VOA vials submitted

Water - pH acceptable upon receipt? Yes No N/A

pH adjusted? Yes No N/A

pH adjusted by:

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:



05-Jun-2013

Lisa Graczyk
Weston Solutions, Inc
20 North Wacker Drive
Suite 1210
Chicago, IL 60606

Re: **20405.016.001.2063.00/Whirlpool Park Site**

Work Order: **13051015**

Dear Lisa,

ALS Environmental received 8 samples on 25-May-2013 for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Sample results are compliant with NELAP standard requirements and QC results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 41.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Tom Beamish".

Electronically approved by: Tom Beamish

Tom Beamish
Senior Project Manager



Certificate No: MN 532786

Report of Laboratory Analysis

ADDRESS 3352 128th Avenue Holland, Michigan 49424-9263 | PHONE (616) 399-6070 | FAX (616) 399-6185

ALS GROUP USA, CORP Part of the ALS Group An ALS Limited Company

Environmental

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Work Order: 13051015

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
13051015-01	IA1-532-0-2W	Tclp Extract		05/21/13 16:30	05/25/13 09:00	<input type="checkbox"/>
13051015-02	AST-W1W	Tclp Extract		05/22/13 12:45	05/25/13 09:00	<input type="checkbox"/>
13051015-03	IA1-531-8-10W	Tclp Extract		05/22/13 16:05	05/25/13 09:00	<input type="checkbox"/>
13051015-04	IA1-526-0-2W	Tclp Extract		05/22/13 08:45	05/25/13 09:00	<input type="checkbox"/>
13051015-05	IA1-525-0-2W	Tclp Extract		05/22/13 13:35	05/25/13 09:00	<input type="checkbox"/>
13051015-06	IA1-545-8-10W	Tclp Extract		05/23/13 10:00	05/25/13 09:00	<input type="checkbox"/>
13051015-07	IA1-543-5-7W	Tclp Extract		05/23/13 14:30	05/25/13 09:00	<input type="checkbox"/>
13051015-08	IA1-551-2-4W	Tclp Extract		05/24/13 08:00	05/25/13 09:00	<input type="checkbox"/>

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
WorkOrder: 13051015

**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
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
TDL	Target Detection Limit
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

<u>Units Reported</u>	<u>Description</u>
mg/L	Milligrams per Liter

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Work Order: 13051015

Case Narrative

TCLP Herbicides - 40 CFR Part 261.24 (b)

Parameter	Maximum Concentration For Toxicity Characteristic (mg/L)
2,4-D	10
2,4,5-TP (Silvex)	1.0

TCLP Metals - 40 CFR Part 261.24 (b)

Parameter	Maximum Concentration For Toxicity Characteristic (mg/L)
Mercury	0.2
Arsenic	5.0
Barium	100
Cadmium	1.0
Chromium	5.0
Lead	5.0
Selenium	1.0
Silver	5.0

TCLP Pesticides - 40 CFR Part 261.24 (b)

Parameter	Maximum Concentration For Toxicity Characteristic (mg/L)
Chlordane	0.03
Heptachlor	0.008
Endrin	0.02
Lindane	0.40
Methoxychlor	10
Toxaphene	0.50

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Work Order: 13051015

Case Narrative

TCLP Semi-Volatiles - 40 CFR Part 261.24 (b)

Parameter	Maximum Concentration For Toxicity Characteristic (mg/L)
1,4-Dichlorobenzene	7.5
2,4-Dinitrotoluene	0.13
Hexachloro-1,3-butadiene	0.50
Hexachlorobenzene	0.13
Hexachloroethane	3.0
Nitrobenzene	2.0
Pyridine	5.0
m-Cresol	200
o-Cresol	200
p-Cresol	200
Pentachlorophenol	100
2,4,5-Trichlorophenol	400
2,4,6-Trichlorophenol	2.0

TCLP Volatiles - 40 CFR Part 261.24 (b)

Parameter	Maximum Concentration For Toxicity Characteristic (mg/L)
1,1-Dichloroethene	0.70
1,2-Dichloroethane	0.50
2-Butanone	200
Benzene	0.50
Carbon Tetrachloride	0.50
Chlorobenzene	100
Chloroform	6.0
Tetrachloroethene	0.70
Trichloroethene	0.50
Vinyl Chloride	0.20

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Work Order: 13051015

Case Narrative

Analytical Comments:

Batch 48738, Method TCBA_8270_S, Sample 13051015-01A: One or more SVOC surrogate recoveries are unavailable due to sample matrix interference. Target analytes were not affected by the interference. No qualification is necessary.

Batch 48738, Method TCBA_8270_S, Sample 13051015-02A: One or more SVOC surrogate recoveries are unavailable due to sample matrix interference. Target analytes were not affected by the interference. No qualification is necessary.

Batch 48738, Method TCBA_8270_S, Sample 13051015-03A: One or more SVOC surrogate recoveries are unavailable due to sample matrix interference. Target analytes were not affected by the interference. No qualification is necessary.

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-532-0-2W
Collection Date: 05/21/13 04:30 PM

Work Order: 13051015
Lab ID: 13051015-01
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 07:13 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 07:13 PM
Surr: DCAA	104		30-150	%REC	1	05/29/13 07:13 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/31/13 01:25 AM
Endrin	ND		0.00025	mg/L	1	05/31/13 01:25 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/31/13 01:25 AM
Heptachlor	ND		0.00025	mg/L	1	05/31/13 01:25 AM
Methoxychlor	ND		0.00025	mg/L	1	05/31/13 01:25 AM
Toxaphene	ND		0.020	mg/L	1	05/31/13 01:25 AM
Surr: Decachlorobiphenyl	56.0		30-135	%REC	1	05/31/13 01:25 AM
Surr: Tetrachloro-m-xylene	57.0		25-140	%REC	1	05/31/13 01:25 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:22 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Arsenic	ND		0.010	mg/L	1	05/31/13 07:52 PM
Barium	0.22		0.050	mg/L	1	05/31/13 07:52 PM
Cadmium	ND		0.0020	mg/L	1	05/31/13 07:52 PM
Chromium	ND		0.020	mg/L	1	05/31/13 07:52 PM
Lead	ND		0.010	mg/L	1	05/31/13 07:52 PM
Selenium	ND		0.020	mg/L	1	05/31/13 07:52 PM
Silver	ND		0.0050	mg/L	1	05/31/13 07:52 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/31/13 04:08 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 04:08 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 04:08 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/31/13 04:08 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/31/13 04:08 AM
Hexachlorobenzene	ND		0.10	mg/L	1	05/31/13 04:08 AM
Hexachloroethane	ND		0.10	mg/L	1	05/31/13 04:08 AM
m-Cresol	ND		0.10	mg/L	1	05/31/13 04:08 AM
Nitrobenzene	ND		0.10	mg/L	1	05/31/13 04:08 AM
o-Cresol	ND		0.10	mg/L	1	05/31/13 04:08 AM
p-Cresol	ND		0.10	mg/L	1	05/31/13 04:08 AM
Pentachlorophenol	ND		0.40	mg/L	1	05/31/13 04:08 AM
Pyridine	ND		0.40	mg/L	1	05/31/13 04:08 AM
Surr: 2,4,6-Tribromophenol	47.2		21-125	%REC	1	05/31/13 04:08 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051015

Sample ID: IA1-532-0-2W

Lab ID: 13051015-01

Collection Date: 05/21/13 04:30 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	56.8		39-94	%REC	1	05/31/13 04:08 AM
Surr: 2-Fluorophenol	31.9		10-75	%REC	1	05/31/13 04:08 AM
Surr: 4-Terphenyl-d14	131	S	26-119	%REC	1	05/31/13 04:08 AM
Surr: Nitrobenzene-d5	53.6		41-104	%REC	1	05/31/13 04:08 AM
Surr: Phenol-d6	14.6		11-50	%REC	1	05/31/13 04:08 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/29/13	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	05/30/13 05:42 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/30/13 05:42 PM
2-Butanone	ND		0.20	mg/L	20	05/30/13 05:42 PM
Benzene	ND		0.020	mg/L	20	05/30/13 05:42 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/30/13 05:42 PM
Chlorobenzene	ND		0.020	mg/L	20	05/30/13 05:42 PM
Chloroform	ND		0.020	mg/L	20	05/30/13 05:42 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/30/13 05:42 PM
Trichloroethene	ND		0.020	mg/L	20	05/30/13 05:42 PM
Vinyl chloride	ND		0.020	mg/L	20	05/30/13 05:42 PM
Surr: 1,2-Dichloroethane-d4	109		70-130	%REC	20	05/30/13 05:42 PM
Surr: 4-Bromofluorobenzene	99.9		70-130	%REC	20	05/30/13 05:42 PM
Surr: Dibromofluoromethane	104		70-130	%REC	20	05/30/13 05:42 PM
Surr: Toluene-d8	102		70-130	%REC	20	05/30/13 05:42 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: AST-W1W
Collection Date: 05/22/13 12:45 PM

Work Order: 13051015
Lab ID: 13051015-02
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 07:27 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 07:27 PM
Surr: DCAA	101		30-150	%REC	1	05/29/13 07:27 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/31/13 01:40 AM
Endrin	ND		0.00025	mg/L	1	05/31/13 01:40 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/31/13 01:40 AM
Heptachlor	ND		0.00025	mg/L	1	05/31/13 01:40 AM
Methoxychlor	ND		0.00025	mg/L	1	05/31/13 01:40 AM
Toxaphene	ND		0.020	mg/L	1	05/31/13 01:40 AM
Surr: Decachlorobiphenyl	52.0		30-135	%REC	1	05/31/13 01:40 AM
Surr: Tetrachloro-m-xylene	65.0		25-140	%REC	1	05/31/13 01:40 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:24 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Arsenic	ND		0.010	mg/L	1	05/31/13 07:58 PM
Barium	0.093		0.050	mg/L	1	05/31/13 07:58 PM
Cadmium	0.0025		0.0020	mg/L	1	05/31/13 07:58 PM
Chromium	ND		0.020	mg/L	1	05/31/13 07:58 PM
Lead	ND		0.010	mg/L	1	05/31/13 07:58 PM
Selenium	ND		0.020	mg/L	1	05/31/13 07:58 PM
Silver	ND		0.0050	mg/L	1	05/31/13 07:58 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/31/13 04:30 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 04:30 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 04:30 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/31/13 04:30 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/31/13 04:30 AM
Hexachlorobenzene	ND		0.10	mg/L	1	05/31/13 04:30 AM
Hexachloroethane	ND		0.10	mg/L	1	05/31/13 04:30 AM
m-Cresol	ND		0.10	mg/L	1	05/31/13 04:30 AM
Nitrobenzene	ND		0.10	mg/L	1	05/31/13 04:30 AM
o-Cresol	ND		0.10	mg/L	1	05/31/13 04:30 AM
p-Cresol	ND		0.10	mg/L	1	05/31/13 04:30 AM
Pentachlorophenol	ND		0.40	mg/L	1	05/31/13 04:30 AM
Pyridine	ND		0.40	mg/L	1	05/31/13 04:30 AM
Surr: 2,4,6-Tribromophenol	51.4		21-125	%REC	1	05/31/13 04:30 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051015

Sample ID: AST-W1W

Lab ID: 13051015-02

Collection Date: 05/22/13 12:45 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	59.5		39-94	%REC	1	05/31/13 04:30 AM
Surr: 2-Fluorophenol	38.9		10-75	%REC	1	05/31/13 04:30 AM
Surr: 4-Terphenyl-d14	121	S	26-119	%REC	1	05/31/13 04:30 AM
Surr: Nitrobenzene-d5	59.5		41-104	%REC	1	05/31/13 04:30 AM
Surr: Phenol-d6	20.4		11-50	%REC	1	05/31/13 04:30 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/30/13	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	05/30/13 06:04 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/30/13 06:04 PM
2-Butanone	ND		0.20	mg/L	20	05/30/13 06:04 PM
Benzene	ND		0.020	mg/L	20	05/30/13 06:04 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/30/13 06:04 PM
Chlorobenzene	ND		0.020	mg/L	20	05/30/13 06:04 PM
Chloroform	ND		0.020	mg/L	20	05/30/13 06:04 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/30/13 06:04 PM
Trichloroethene	ND		0.020	mg/L	20	05/30/13 06:04 PM
Vinyl chloride	ND		0.020	mg/L	20	05/30/13 06:04 PM
Surr: 1,2-Dichloroethane-d4	110		70-130	%REC	20	05/30/13 06:04 PM
Surr: 4-Bromofluorobenzene	98.0		70-130	%REC	20	05/30/13 06:04 PM
Surr: Dibromofluoromethane	105		70-130	%REC	20	05/30/13 06:04 PM
Surr: Toluene-d8	99.2		70-130	%REC	20	05/30/13 06:04 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-531-8-10W
Collection Date: 05/22/13 04:05 PM

Work Order: 13051015
Lab ID: 13051015-03
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 07:40 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 07:40 PM
Surr: DCAA	96.4		30-150	%REC	1	05/29/13 07:40 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/31/13 01:56 AM
Endrin	ND		0.00025	mg/L	1	05/31/13 01:56 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/31/13 01:56 AM
Heptachlor	ND		0.00025	mg/L	1	05/31/13 01:56 AM
Methoxychlor	ND		0.00025	mg/L	1	05/31/13 01:56 AM
Toxaphene	ND		0.020	mg/L	1	05/31/13 01:56 AM
Surr: Decachlorobiphenyl	53.0		30-135	%REC	1	05/31/13 01:56 AM
Surr: Tetrachloro-m-xylene	90.0		25-140	%REC	1	05/31/13 01:56 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:26 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Arsenic	0.028		0.010	mg/L	1	05/31/13 08:03 PM
Barium	0.59		0.050	mg/L	1	05/31/13 08:03 PM
Cadmium	ND		0.0020	mg/L	1	05/31/13 08:03 PM
Chromium	0.097		0.020	mg/L	1	05/31/13 08:03 PM
Lead	ND		0.010	mg/L	1	05/31/13 08:03 PM
Selenium	ND		0.020	mg/L	1	05/31/13 08:03 PM
Silver	ND		0.0050	mg/L	1	05/31/13 08:03 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/31/13 04:52 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 04:52 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 04:52 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/31/13 04:52 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/31/13 04:52 AM
Hexachlorobenzene	ND		0.10	mg/L	1	05/31/13 04:52 AM
Hexachloroethane	ND		0.10	mg/L	1	05/31/13 04:52 AM
m-Cresol	ND		0.10	mg/L	1	05/31/13 04:52 AM
Nitrobenzene	ND		0.10	mg/L	1	05/31/13 04:52 AM
o-Cresol	ND		0.10	mg/L	1	05/31/13 04:52 AM
p-Cresol	ND		0.10	mg/L	1	05/31/13 04:52 AM
Pentachlorophenol	ND		0.40	mg/L	1	05/31/13 04:52 AM
Pyridine	ND		0.40	mg/L	1	05/31/13 04:52 AM
Surr: 2,4,6-Tribromophenol	50.3		21-125	%REC	1	05/31/13 04:52 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-531-8-10W
Collection Date: 05/22/13 04:05 PM

Work Order: 13051015
Lab ID: 13051015-03
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	59.2		39-94	%REC	1	05/31/13 04:52 AM
Surr: 2-Fluorophenol	37.1		10-75	%REC	1	05/31/13 04:52 AM
Surr: 4-Terphenyl-d14	126	S	26-119	%REC	1	05/31/13 04:52 AM
Surr: Nitrobenzene-d5	58.0		41-104	%REC	1	05/31/13 04:52 AM
Surr: Phenol-d6	20.1		11-50	%REC	1	05/31/13 04:52 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/30/13	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	05/30/13 06:26 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/30/13 06:26 PM
2-Butanone	ND		0.20	mg/L	20	05/30/13 06:26 PM
Benzene	ND		0.020	mg/L	20	05/30/13 06:26 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/30/13 06:26 PM
Chlorobenzene	ND		0.020	mg/L	20	05/30/13 06:26 PM
Chloroform	ND		0.020	mg/L	20	05/30/13 06:26 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/30/13 06:26 PM
Trichloroethene	ND		0.020	mg/L	20	05/30/13 06:26 PM
Vinyl chloride	ND		0.020	mg/L	20	05/30/13 06:26 PM
Surr: 1,2-Dichloroethane-d4	110		70-130	%REC	20	05/30/13 06:26 PM
Surr: 4-Bromofluorobenzene	100		70-130	%REC	20	05/30/13 06:26 PM
Surr: Dibromofluoromethane	106		70-130	%REC	20	05/30/13 06:26 PM
Surr: Toluene-d8	101		70-130	%REC	20	05/30/13 06:26 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-526-0-2W
Collection Date: 05/22/13 08:45 AM

Work Order: 13051015
Lab ID: 13051015-04
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 07:54 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 07:54 PM
Surr: DCAA	96.2		30-150	%REC	1	05/29/13 07:54 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/31/13 02:12 AM
Endrin	ND		0.00025	mg/L	1	05/31/13 02:12 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/31/13 02:12 AM
Heptachlor	ND		0.00025	mg/L	1	05/31/13 02:12 AM
Methoxychlor	ND		0.00025	mg/L	1	05/31/13 02:12 AM
Toxaphene	ND		0.020	mg/L	1	05/31/13 02:12 AM
Surr: Decachlorobiphenyl	56.0		30-135	%REC	1	05/31/13 02:12 AM
Surr: Tetrachloro-m-xylene	57.0		25-140	%REC	1	05/31/13 02:12 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:28 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Arsenic	ND		0.010	mg/L	1	05/31/13 08:08 PM
Barium	0.59		0.050	mg/L	1	05/31/13 08:08 PM
Cadmium	0.0023		0.0020	mg/L	1	05/31/13 08:08 PM
Chromium	ND		0.020	mg/L	1	05/31/13 08:08 PM
Lead	ND		0.010	mg/L	1	05/31/13 08:08 PM
Selenium	ND		0.020	mg/L	1	05/31/13 08:08 PM
Silver	ND		0.0050	mg/L	1	05/31/13 08:08 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/31/13 05:14 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 05:14 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 05:14 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/31/13 05:14 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/31/13 05:14 AM
Hexachlorobenzene	ND		0.10	mg/L	1	05/31/13 05:14 AM
Hexachloroethane	ND		0.10	mg/L	1	05/31/13 05:14 AM
m-Cresol	ND		0.10	mg/L	1	05/31/13 05:14 AM
Nitrobenzene	ND		0.10	mg/L	1	05/31/13 05:14 AM
o-Cresol	ND		0.10	mg/L	1	05/31/13 05:14 AM
p-Cresol	ND		0.10	mg/L	1	05/31/13 05:14 AM
Pentachlorophenol	ND		0.40	mg/L	1	05/31/13 05:14 AM
Pyridine	ND		0.40	mg/L	1	05/31/13 05:14 AM
Surr: 2,4,6-Tribromophenol	49.9		21-125	%REC	1	05/31/13 05:14 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051015

Sample ID: IA1-526-0-2W

Lab ID: 13051015-04

Collection Date: 05/22/13 08:45 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	55.4		39-94	%REC	1	05/31/13 05:14 AM
<i>Surr: 2-Fluorophenol</i>	34.3		10-75	%REC	1	05/31/13 05:14 AM
<i>Surr: 4-Terphenyl-d14</i>	113		26-119	%REC	1	05/31/13 05:14 AM
<i>Surr: Nitrobenzene-d5</i>	54.1		41-104	%REC	1	05/31/13 05:14 AM
<i>Surr: Phenol-d6</i>	17.4		11-50	%REC	1	05/31/13 05:14 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/30/13	Analyst: AK
1,1-Dichloroethene	ND		0.020	mg/L	20	05/31/13 01:26 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/31/13 01:26 PM
2-Butanone	ND		0.20	mg/L	20	05/31/13 01:26 PM
Benzene	ND		0.020	mg/L	20	05/31/13 01:26 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/31/13 01:26 PM
Chlorobenzene	ND		0.020	mg/L	20	05/31/13 01:26 PM
Chloroform	ND		0.020	mg/L	20	05/31/13 01:26 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/31/13 01:26 PM
Trichloroethene	ND		0.020	mg/L	20	05/31/13 01:26 PM
Vinyl chloride	ND		0.020	mg/L	20	05/31/13 01:26 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	92.0		70-130	%REC	20	05/31/13 01:26 PM
<i>Surr: 4-Bromofluorobenzene</i>	102		70-130	%REC	20	05/31/13 01:26 PM
<i>Surr: Dibromofluoromethane</i>	96.2		70-130	%REC	20	05/31/13 01:26 PM
<i>Surr: Toluene-d8</i>	97.2		70-130	%REC	20	05/31/13 01:26 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-525-0-2W
Collection Date: 05/22/13 01:35 PM

Work Order: 13051015
Lab ID: 13051015-05
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 08:07 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 08:07 PM
Surr: DCAA	93.8		30-150	%REC	1	05/29/13 08:07 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/31/13 02:27 AM
Endrin	ND		0.00025	mg/L	1	05/31/13 02:27 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/31/13 02:27 AM
Heptachlor	ND		0.00025	mg/L	1	05/31/13 02:27 AM
Methoxychlor	ND		0.00025	mg/L	1	05/31/13 02:27 AM
Toxaphene	ND		0.020	mg/L	1	05/31/13 02:27 AM
Surr: Decachlorobiphenyl	52.0		30-135	%REC	1	05/31/13 02:27 AM
Surr: Tetrachloro-m-xylene	59.0		25-140	%REC	1	05/31/13 02:27 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:43 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Arsenic	ND		0.010	mg/L	1	05/31/13 08:13 PM
Barium	0.15		0.050	mg/L	1	05/31/13 08:13 PM
Cadmium	ND		0.0020	mg/L	1	05/31/13 08:13 PM
Chromium	ND		0.020	mg/L	1	05/31/13 08:13 PM
Lead	ND		0.010	mg/L	1	05/31/13 08:13 PM
Selenium	ND		0.020	mg/L	1	05/31/13 08:13 PM
Silver	ND		0.0050	mg/L	1	05/31/13 08:13 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/31/13 05:36 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 05:36 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 05:36 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/31/13 05:36 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/31/13 05:36 AM
Hexachlorobenzene	ND		0.10	mg/L	1	05/31/13 05:36 AM
Hexachloroethane	ND		0.10	mg/L	1	05/31/13 05:36 AM
m-Cresol	ND		0.10	mg/L	1	05/31/13 05:36 AM
Nitrobenzene	ND		0.10	mg/L	1	05/31/13 05:36 AM
o-Cresol	ND		0.10	mg/L	1	05/31/13 05:36 AM
p-Cresol	ND		0.10	mg/L	1	05/31/13 05:36 AM
Pentachlorophenol	ND		0.40	mg/L	1	05/31/13 05:36 AM
Pyridine	ND		0.40	mg/L	1	05/31/13 05:36 AM
Surr: 2,4,6-Tribromophenol	40.3		21-125	%REC	1	05/31/13 05:36 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051015

Sample ID: IA1-525-0-2W

Lab ID: 13051015-05

Collection Date: 05/22/13 01:35 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	45.0		39-94	%REC	1	05/31/13 05:36 AM
<i>Surr: 2-Fluorophenol</i>	25.4		10-75	%REC	1	05/31/13 05:36 AM
<i>Surr: 4-Terphenyl-d14</i>	109		26-119	%REC	1	05/31/13 05:36 AM
<i>Surr: Nitrobenzene-d5</i>	44.6		41-104	%REC	1	05/31/13 05:36 AM
<i>Surr: Phenol-d6</i>	13.3		11-50	%REC	1	05/31/13 05:36 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/30/13	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	05/30/13 06:48 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/30/13 06:48 PM
2-Butanone	ND		0.20	mg/L	20	05/30/13 06:48 PM
Benzene	ND		0.020	mg/L	20	05/30/13 06:48 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/30/13 06:48 PM
Chlorobenzene	ND		0.020	mg/L	20	05/30/13 06:48 PM
Chloroform	ND		0.020	mg/L	20	05/30/13 06:48 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/30/13 06:48 PM
Trichloroethene	ND		0.020	mg/L	20	05/30/13 06:48 PM
Vinyl chloride	ND		0.020	mg/L	20	05/30/13 06:48 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	110		70-130	%REC	20	05/30/13 06:48 PM
<i>Surr: 4-Bromofluorobenzene</i>	99.8		70-130	%REC	20	05/30/13 06:48 PM
<i>Surr: Dibromofluoromethane</i>	106		70-130	%REC	20	05/30/13 06:48 PM
<i>Surr: Toluene-d8</i>	100		70-130	%REC	20	05/30/13 06:48 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051015

Sample ID: IA1-545-8-10W

Lab ID: 13051015-06

Collection Date: 05/23/13 10:00 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 08:21 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 08:21 PM
Surr: DCAA	84.6		30-150	%REC	1	05/29/13 08:21 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/31/13 02:43 AM
Endrin	ND		0.00025	mg/L	1	05/31/13 02:43 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/31/13 02:43 AM
Heptachlor	ND		0.00025	mg/L	1	05/31/13 02:43 AM
Methoxychlor	ND		0.00025	mg/L	1	05/31/13 02:43 AM
Toxaphene	ND		0.020	mg/L	1	05/31/13 02:43 AM
Surr: Decachlorobiphenyl	54.0		30-135	%REC	1	05/31/13 02:43 AM
Surr: Tetrachloro-m-xylene	56.0		25-140	%REC	1	05/31/13 02:43 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:51 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Arsenic	0.017		0.010	mg/L	1	05/31/13 08:35 PM
Barium	0.72		0.050	mg/L	1	05/31/13 08:35 PM
Cadmium	ND		0.0020	mg/L	1	05/31/13 08:35 PM
Chromium	ND		0.020	mg/L	1	05/31/13 08:35 PM
Lead	ND		0.010	mg/L	1	05/31/13 08:35 PM
Selenium	ND		0.020	mg/L	1	05/31/13 08:35 PM
Silver	ND		0.0050	mg/L	1	05/31/13 08:35 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/31/13 05:59 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 05:59 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 05:59 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/31/13 05:59 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/31/13 05:59 AM
Hexachlorobenzene	ND		0.10	mg/L	1	05/31/13 05:59 AM
Hexachloroethane	ND		0.10	mg/L	1	05/31/13 05:59 AM
m-Cresol	ND		0.10	mg/L	1	05/31/13 05:59 AM
Nitrobenzene	ND		0.10	mg/L	1	05/31/13 05:59 AM
o-Cresol	ND		0.10	mg/L	1	05/31/13 05:59 AM
p-Cresol	ND		0.10	mg/L	1	05/31/13 05:59 AM
Pentachlorophenol	ND		0.40	mg/L	1	05/31/13 05:59 AM
Pyridine	ND		0.40	mg/L	1	05/31/13 05:59 AM
Surr: 2,4,6-Tribromophenol	44.2		21-125	%REC	1	05/31/13 05:59 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051015

Sample ID: IA1-545-8-10W

Lab ID: 13051015-06

Collection Date: 05/23/13 10:00 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	49.3		39-94	%REC	1	05/31/13 05:59 AM
<i>Surr: 2-Fluorophenol</i>	30.4		10-75	%REC	1	05/31/13 05:59 AM
<i>Surr: 4-Terphenyl-d14</i>	116		26-119	%REC	1	05/31/13 05:59 AM
<i>Surr: Nitrobenzene-d5</i>	47.6		41-104	%REC	1	05/31/13 05:59 AM
<i>Surr: Phenol-d6</i>	15.3		11-50	%REC	1	05/31/13 05:59 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/30/13	Analyst: AK
1,1-Dichloroethene	ND		0.020	mg/L	20	05/31/13 01:50 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/31/13 01:50 PM
2-Butanone	ND		0.20	mg/L	20	05/31/13 01:50 PM
Benzene	ND		0.020	mg/L	20	05/31/13 01:50 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/31/13 01:50 PM
Chlorobenzene	ND		0.020	mg/L	20	05/31/13 01:50 PM
Chloroform	ND		0.020	mg/L	20	05/31/13 01:50 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/31/13 01:50 PM
Trichloroethene	ND		0.020	mg/L	20	05/31/13 01:50 PM
Vinyl chloride	ND		0.020	mg/L	20	05/31/13 01:50 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	92.6		70-130	%REC	20	05/31/13 01:50 PM
<i>Surr: 4-Bromofluorobenzene</i>	102		70-130	%REC	20	05/31/13 01:50 PM
<i>Surr: Dibromofluoromethane</i>	98.0		70-130	%REC	20	05/31/13 01:50 PM
<i>Surr: Toluene-d8</i>	100		70-130	%REC	20	05/31/13 01:50 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-543-5-7W
Collection Date: 05/23/13 02:30 PM

Work Order: 13051015
Lab ID: 13051015-07
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 08:34 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 08:34 PM
Surr: DCAA	93.2		30-150	%REC	1	05/29/13 08:34 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/31/13 02:58 AM
Endrin	ND		0.00025	mg/L	1	05/31/13 02:58 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/31/13 02:58 AM
Heptachlor	ND		0.00025	mg/L	1	05/31/13 02:58 AM
Methoxychlor	ND		0.00025	mg/L	1	05/31/13 02:58 AM
Toxaphene	ND		0.020	mg/L	1	05/31/13 02:58 AM
Surr: Decachlorobiphenyl	52.0		30-135	%REC	1	05/31/13 02:58 AM
Surr: Tetrachloro-m-xylene	54.0		25-140	%REC	1	05/31/13 02:58 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:53 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Arsenic	ND		0.010	mg/L	1	05/31/13 08:40 PM
Barium	0.27		0.050	mg/L	1	05/31/13 08:40 PM
Cadmium	ND		0.0020	mg/L	1	05/31/13 08:40 PM
Chromium	ND		0.020	mg/L	1	05/31/13 08:40 PM
Lead	ND		0.010	mg/L	1	05/31/13 08:40 PM
Selenium	ND		0.020	mg/L	1	05/31/13 08:40 PM
Silver	ND		0.0050	mg/L	1	05/31/13 08:40 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/31/13 06:21 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 06:21 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 06:21 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/31/13 06:21 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/31/13 06:21 AM
Hexachlorobenzene	ND		0.10	mg/L	1	05/31/13 06:21 AM
Hexachloroethane	ND		0.10	mg/L	1	05/31/13 06:21 AM
m-Cresol	ND		0.10	mg/L	1	05/31/13 06:21 AM
Nitrobenzene	ND		0.10	mg/L	1	05/31/13 06:21 AM
o-Cresol	ND		0.10	mg/L	1	05/31/13 06:21 AM
p-Cresol	ND		0.10	mg/L	1	05/31/13 06:21 AM
Pentachlorophenol	ND		0.40	mg/L	1	05/31/13 06:21 AM
Pyridine	ND		0.40	mg/L	1	05/31/13 06:21 AM
Surr: 2,4,6-Tribromophenol	41.7		21-125	%REC	1	05/31/13 06:21 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-543-5-7W
Collection Date: 05/23/13 02:30 PM

Work Order: 13051015
Lab ID: 13051015-07
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	46.5		39-94	%REC	1	05/31/13 06:21 AM
Surr: 2-Fluorophenol	29.4		10-75	%REC	1	05/31/13 06:21 AM
Surr: 4-Terphenyl-d14	105		26-119	%REC	1	05/31/13 06:21 AM
Surr: Nitrobenzene-d5	46.7		41-104	%REC	1	05/31/13 06:21 AM
Surr: Phenol-d6	14.9		11-50	%REC	1	05/31/13 06:21 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/31/13	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	06/03/13 01:17 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/03/13 01:17 PM
2-Butanone	ND		0.20	mg/L	20	06/03/13 01:17 PM
Benzene	ND		0.020	mg/L	20	06/03/13 01:17 PM
Carbon tetrachloride	ND		0.020	mg/L	20	06/03/13 01:17 PM
Chlorobenzene	ND		0.020	mg/L	20	06/03/13 01:17 PM
Chloroform	ND		0.020	mg/L	20	06/03/13 01:17 PM
Tetrachloroethene	ND		0.020	mg/L	20	06/03/13 01:17 PM
Trichloroethene	ND		0.020	mg/L	20	06/03/13 01:17 PM
Vinyl chloride	ND		0.020	mg/L	20	06/03/13 01:17 PM
Surr: 1,2-Dichloroethane-d4	108		70-130	%REC	20	06/03/13 01:17 PM
Surr: 4-Bromofluorobenzene	98.6		70-130	%REC	20	06/03/13 01:17 PM
Surr: Dibromofluoromethane	108		70-130	%REC	20	06/03/13 01:17 PM
Surr: Toluene-d8	99.4		70-130	%REC	20	06/03/13 01:17 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051015

Sample ID: IA1-551-2-4W

Lab ID: 13051015-08

Collection Date: 05/24/13 08:00 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 08:48 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 08:48 PM
Surr: DCAA	91.0		30-150	%REC	1	05/29/13 08:48 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/31/13 03:14 AM
Endrin	ND		0.00025	mg/L	1	05/31/13 03:14 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/31/13 03:14 AM
Heptachlor	ND		0.00025	mg/L	1	05/31/13 03:14 AM
Methoxychlor	ND		0.00025	mg/L	1	05/31/13 03:14 AM
Toxaphene	ND		0.020	mg/L	1	05/31/13 03:14 AM
Surr: Decachlorobiphenyl	55.0		30-135	%REC	1	05/31/13 03:14 AM
Surr: Tetrachloro-m-xylene	59.0		25-140	%REC	1	05/31/13 03:14 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:55 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Arsenic	ND		0.010	mg/L	1	05/31/13 08:46 PM
Barium	0.25		0.050	mg/L	1	05/31/13 08:46 PM
Cadmium	ND		0.0020	mg/L	1	05/31/13 08:46 PM
Chromium	ND		0.020	mg/L	1	05/31/13 08:46 PM
Lead	ND		0.010	mg/L	1	05/31/13 08:46 PM
Selenium	ND		0.020	mg/L	1	05/31/13 08:46 PM
Silver	ND		0.0050	mg/L	1	05/31/13 08:46 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/31/13 06:43 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 06:43 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 06:43 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/31/13 06:43 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/31/13 06:43 AM
Hexachlorobenzene	ND		0.10	mg/L	1	05/31/13 06:43 AM
Hexachloroethane	ND		0.10	mg/L	1	05/31/13 06:43 AM
m-Cresol	ND		0.10	mg/L	1	05/31/13 06:43 AM
Nitrobenzene	ND		0.10	mg/L	1	05/31/13 06:43 AM
o-Cresol	ND		0.10	mg/L	1	05/31/13 06:43 AM
p-Cresol	ND		0.10	mg/L	1	05/31/13 06:43 AM
Pentachlorophenol	ND		0.40	mg/L	1	05/31/13 06:43 AM
Pyridine	ND		0.40	mg/L	1	05/31/13 06:43 AM
Surr: 2,4,6-Tribromophenol	52.5		21-125	%REC	1	05/31/13 06:43 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051015

Sample ID: IA1-551-2-4W

Lab ID: 13051015-08

Collection Date: 05/24/13 08:00 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	55.7		39-94	%REC	1	05/31/13 06:43 AM
<i>Surr: 2-Fluorophenol</i>	34.4		10-75	%REC	1	05/31/13 06:43 AM
<i>Surr: 4-Terphenyl-d14</i>	110		26-119	%REC	1	05/31/13 06:43 AM
<i>Surr: Nitrobenzene-d5</i>	54.5		41-104	%REC	1	05/31/13 06:43 AM
<i>Surr: Phenol-d6</i>	18.5		11-50	%REC	1	05/31/13 06:43 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/30/13	Analyst: AK
1,1-Dichloroethene	ND		0.020	mg/L	20	05/31/13 02:13 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/31/13 02:13 PM
2-Butanone	ND		0.20	mg/L	20	05/31/13 02:13 PM
Benzene	ND		0.020	mg/L	20	05/31/13 02:13 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/31/13 02:13 PM
Chlorobenzene	ND		0.020	mg/L	20	05/31/13 02:13 PM
Chloroform	ND		0.020	mg/L	20	05/31/13 02:13 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/31/13 02:13 PM
Trichloroethene	ND		0.020	mg/L	20	05/31/13 02:13 PM
Vinyl chloride	ND		0.020	mg/L	20	05/31/13 02:13 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	91.1		70-130	%REC	20	05/31/13 02:13 PM
<i>Surr: 4-Bromofluorobenzene</i>	101		70-130	%REC	20	05/31/13 02:13 PM
<i>Surr: Dibromofluoromethane</i>	95.7		70-130	%REC	20	05/31/13 02:13 PM
<i>Surr: Toluene-d8</i>	99.9		70-130	%REC	20	05/31/13 02:13 PM

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

Client: Weston Solutions, Inc

QC BATCH REPORT

Work Order: 13051015

Project: 20405.016.001.2063.00/Whirlpool Park Site

Batch ID: **48710**

Instrument ID **GC12**

Method: **SW8081**

MBLK		Sample ID: PBLKW1-48710-48710				Units: µg/L		Analysis Date: 05/30/13 10:34 PM			
Client ID:		Run ID: GC12_130530B				SeqNo: 2338076		Prep Date: 05/29/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Chlordane, Technical	ND	1.0									
Endrin	ND	0.050									
gamma-BHC (Lindane)	ND	0.050									
Heptachlor	ND	0.050									
Methoxychlor	ND	0.050									
Toxaphene	ND	4.0									
<i>Surr: Decachlorobiphenyl</i>	0.062	0	0.1	0	62	30-135	0				
<i>Surr: Tetrachloro-m-xylene</i>	0.058	0	0.1	0	58	25-140	0				

LCS		Sample ID: PLCSW1-48710-48710				Units: µg/L		Analysis Date: 05/30/13 10:49 PM			
Client ID:		Run ID: GC12_130530B				SeqNo: 2338077		Prep Date: 05/29/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Endrin	0.066	0.050	0.1	0	66	55-135	0				
gamma-BHC (Lindane)	0.052	0.050	0.1	0	52	25-135	0				
Heptachlor	0.052	0.050	0.1	0	52	40-130	0				
Methoxychlor	0.087	0.050	0.1	0	87	55-150	0				
<i>Surr: Decachlorobiphenyl</i>	0.066	0	0.1	0	66	30-135	0				
<i>Surr: Tetrachloro-m-xylene</i>	0.045	0	0.1	0	45	25-140	0				

MS		Sample ID: 13051010-01B MS				Units: µg/L		Analysis Date: 05/30/13 11:20 PM			
Client ID:		Run ID: GC12_130530B				SeqNo: 2338062		Prep Date: 05/29/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Endrin	1.9	1.0	2	0	95	55-135	0				
gamma-BHC (Lindane)	1.38	1.0	2	0	69	25-135	0				
Heptachlor	1.36	1.0	2	0	68	40-130	0				
Methoxychlor	1.64	1.0	2	0	82	55-150	0				
<i>Surr: Decachlorobiphenyl</i>	1.3	0	2	0	65	30-135	0				
<i>Surr: Tetrachloro-m-xylene</i>	1.06	0	2	0	53	25-140	0				

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 13051015
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48710** Instrument ID **GC12** Method: **SW8081**

MSD		Sample ID: 13051010-01B MSD				Units: µg/L		Analysis Date: 05/30/13 11:36 PM		
Client ID:		Run ID: GC12_130530B				SeqNo: 2338063		Prep Date: 05/29/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Endrin	1.78	1.0	2	0	89	55-135	1.9	6.52	35	
gamma-BHC (Lindane)	1.38	1.0	2	0	69	25-135	1.38	0	35	
Heptachlor	1.38	1.0	2	0	69	40-130	1.36	1.46	35	
Methoxychlor	1.74	1.0	2	0	87	55-150	1.64	5.92	35	
<i>Surr: Decachlorobiphenyl</i>	1.36	0	2	0	68	30-135	1.3	4.51	35	
<i>Surr: Tetrachloro-m-xylene</i>	1.16	0	2	0	58	25-140	1.06	9.01	35	

The following samples were analyzed in this batch:

13051015-01A	13051015-02A	13051015-03A
13051015-04A	13051015-05A	13051015-06A
13051015-07A	13051015-08A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051015
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48711 Instrument ID GC12 Method: SW8151

MBLK		Sample ID: HBLKW1-48711-48711				Units: µg/L		Analysis Date: 05/29/13 04:44 PM		
Client ID:		Run ID: GC12_130529A			SeqNo: 2338289		Prep Date: 05/29/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-TP (Silvex)	ND	5.0								
2,4-D	ND	5.0								
Surr: DCAA	49.9	0	50	0	99.8	30-150	0			

LCS		Sample ID: HLCSW1-48711-48711				Units: µg/L		Analysis Date: 05/29/13 04:58 PM		
Client ID:		Run ID: GC12_130529A			SeqNo: 2338290		Prep Date: 05/29/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-TP (Silvex)	71.8	5.0	50	0	144	50-150	0			
2,4-D	67	5.0	50	0	134	50-150	0			
Surr: DCAA	49.3	0	50	0	98.6	30-150	0			

MS		Sample ID: 13051010-01B MS				Units: µg/L		Analysis Date: 05/29/13 05:25 PM		
Client ID:		Run ID: GC12_130529A			SeqNo: 2338275		Prep Date: 05/29/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-TP (Silvex)	75.8	5.0	50	0	152	50-150	0			S
2,4-D	74.3	5.0	50	0	149	50-150	0			
Surr: DCAA	50.9	0	50	0	102	30-150	0			

MSD		Sample ID: 13051010-01B MSD				Units: µg/L		Analysis Date: 05/29/13 05:38 PM		
Client ID:		Run ID: GC12_130529A			SeqNo: 2338276		Prep Date: 05/29/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-TP (Silvex)	70.8	5.0	50	0	142	50-150	75.8	6.82	30	
2,4-D	69.3	5.0	50	0	139	50-150	74.3	6.96	30	
Surr: DCAA	49.4	0	50	0	98.8	30-150	50.9	2.99	30	

The following samples were analyzed in this batch:

13051015-01A	13051015-02A	13051015-03A
13051015-04A	13051015-05A	13051015-06A
13051015-07A	13051015-08A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051015
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48727** Instrument ID **HG1** Method: **SW7470**

MBLK	Sample ID: MBLK-48727-48727		Units: mg/L		Analysis Date: 05/29/13 03:56 PM					
Client ID:	Run ID: HG1_130529A		SeqNo: 2334424		Prep Date: 05/29/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury ND 0.00020

LCS	Sample ID: LCS-48727-48727		Units: mg/L		Analysis Date: 05/29/13 03:58 PM					
Client ID:	Run ID: HG1_130529A		SeqNo: 2334425		Prep Date: 05/29/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.002001 0.00020 0.002 0 100 80-120 0

MS	Sample ID: 1305766-01HMS		Units: mg/L		Analysis Date: 05/29/13 04:02 PM					
Client ID:	Run ID: HG1_130529A		SeqNo: 2334427		Prep Date: 05/29/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.002046 0.00020 0.002 0.000059 99.4 75-125 0

MSD	Sample ID: 1305766-01HMSD		Units: mg/L		Analysis Date: 05/29/13 04:04 PM					
Client ID:	Run ID: HG1_130529A		SeqNo: 2334428		Prep Date: 05/29/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.002066 0.00020 0.002 0.000059 100 75-125 0.002046 0.973 20

The following samples were analyzed in this batch:

13051015-01A	13051015-02A	13051015-03A
13051015-04A	13051015-05A	13051015-06A
13051015-07A	13051015-08A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 13051015
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48778** Instrument ID **ICPMS2** Method: **SW6020A**

MBLK		Sample ID: MBLK-48778-48778			Units: mg/L			Analysis Date: 05/31/13 07:37 PM		
Client ID:		Run ID: ICPMS2_130531A			SeqNo: 2337439		Prep Date: 05/31/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.0050								
Barium	ND	0.0050								
Cadmium	ND	0.0020								
Chromium	ND	0.0050								
Lead	0.00009778	0.0050								J
Selenium	ND	0.0050								
Silver	ND	0.0050								

LCS		Sample ID: LCS-48778-48778			Units: mg/L			Analysis Date: 05/31/13 07:42 PM		
Client ID:		Run ID: ICPMS2_130531A			SeqNo: 2337441		Prep Date: 05/31/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.1023	0.0050	0.1	0	102	80-120	0			
Barium	0.09952	0.0050	0.1	0	99.5	80-120	0			
Cadmium	0.1006	0.0020	0.1	0	101	80-120	0			
Chromium	0.1014	0.0050	0.1	0	101	80-120	0			
Lead	0.1001	0.0050	0.1	0	100	80-120	0			
Selenium	0.1006	0.0050	0.1	0	101	80-120	0			
Silver	0.1026	0.0050	0.1	0	103	80-120	0			

MS		Sample ID: 1305969-08BMS			Units: mg/L			Analysis Date: 05/31/13 09:07 PM		
Client ID:		Run ID: ICPMS2_130531A			SeqNo: 2337493		Prep Date: 05/31/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.1064	0.0050	0.1	0.002858	104	75-125	0			
Barium	0.1818	0.0050	0.1	0.07741	104	75-125	0			
Cadmium	0.1012	0.0020	0.1	0.0007608	100	75-125	0			
Chromium	0.1591	0.0050	0.1	0.05774	101	75-125	0			
Lead	0.1015	0.0050	0.1	0.001148	100	75-125	0			
Selenium	0.09982	0.0050	0.1	0.0002069	99.6	75-125	0			
Silver	0.09739	0.0050	0.1	0.000004613	97.4	75-125	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 13051015
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48778** Instrument ID **ICPMS2** Method: **SW6020A**

MSD		Sample ID: 1305969-08BMSD				Units: mg/L		Analysis Date: 05/31/13 09:12 PM		
Client ID:		Run ID: ICPMS2_130531A			SeqNo: 2337496		Prep Date: 05/31/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.1071	0.0050	0.1	0.002858	104	75-125	0.1064	0.656	20	
Barium	0.1809	0.0050	0.1	0.07741	103	75-125	0.1818	0.496	20	
Cadmium	0.1002	0.0020	0.1	0.0007608	99.4	75-125	0.1012	0.993	20	
Chromium	0.1588	0.0050	0.1	0.05774	101	75-125	0.1591	0.189	20	
Lead	0.09976	0.0050	0.1	0.001148	98.6	75-125	0.1015	1.73	20	
Selenium	0.1006	0.0050	0.1	0.0002069	100	75-125	0.09982	0.778	20	
Silver	0.09722	0.0050	0.1	0.000004613	97.2	75-125	0.09739	0.175	20	

The following samples were analyzed in this batch:

13051015-01A	13051015-02A	13051015-03A
13051015-04A	13051015-05A	13051015-06A
13051015-07A	13051015-08A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051015
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48738** Instrument ID **SVMS7** Method: **SW8270**

MBLK		Sample ID: SBLKW1-48738-48738				Units: µg/L		Analysis Date: 05/30/13 06:13 PM		
Client ID:		Run ID: SVMS7_130530A			SeqNo: 2336434		Prep Date: 05/30/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,4-Dichlorobenzene	ND	5.0								
2,4,5-Trichlorophenol	ND	5.0								
2,4,6-Trichlorophenol	ND	5.0								
2,4-Dinitrotoluene	ND	5.0								
Hexachloro-1,3-butadiene	ND	5.0								
Hexachlorobenzene	ND	5.0								
Hexachloroethane	ND	5.0								
m-Cresol	ND	5.0								
Nitrobenzene	ND	5.0								
o-Cresol	ND	5.0								
p-Cresol	ND	5.0								
Pentachlorophenol	ND	20								
Pyridine	ND	20								
<i>Surr: 2,4,6-Tribromophenol</i>	<i>26.08</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>52.2</i>	<i>21-125</i>	<i>0</i>			
<i>Surr: 2-Fluorobiphenyl</i>	<i>28.57</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>57.1</i>	<i>36-94</i>	<i>0</i>			
<i>Surr: 2-Fluorophenol</i>	<i>15.95</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>31.9</i>	<i>10-75</i>	<i>0</i>			
<i>Surr: 4-Terphenyl-d14</i>	<i>52.48</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>105</i>	<i>26-119</i>	<i>0</i>			
<i>Surr: Nitrobenzene-d5</i>	<i>26</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>52</i>	<i>41-104</i>	<i>0</i>			
<i>Surr: Phenol-d6</i>	<i>8.26</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>16.5</i>	<i>11-50</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051015
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48738** Instrument ID **SVMS7** Method: **SW8270**

LCS		Sample ID: SLCSW1-48738-48738				Units: µg/L		Analysis Date: 05/30/13 06:36 PM			
Client ID:		Run ID: SVMS7_130530A				SeqNo: 2336435		Prep Date: 05/30/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
1,4-Dichlorobenzene	11.41	5.0	20	0	57	30-110	0				
2,4,5-Trichlorophenol	12.84	5.0	20	0	64.2	50-110	0				
2,4,6-Trichlorophenol	11.91	5.0	20	0	59.6	50-115	0				
2,4-Dinitrotoluene	13.37	5.0	20	0	66.8	50-120	0				
Hexachloro-1,3-butadiene	10.98	5.0	20	0	54.9	25-105	0				
Hexachlorobenzene	14.04	5.0	20	0	70.2	50-110	0				
Hexachloroethane	11.66	5.0	20	0	58.3	30-95	0				
m-Cresol	8.44	5.0	20	0	42.2	30-110	0				
Nitrobenzene	12.29	5.0	20	0	61.4	45-110	0				
o-Cresol	10.06	5.0	20	0	50.3	40-110	0				
p-Cresol	8.44	5.0	20	0	42.2	30-110	0				
Pentachlorophenol	15.04	20	20	0	75.2	40-115	0			J	
Pyridine	5.47	20	20	0	27.4	10-71	0			J	
<i>Surr: 2,4,6-Tribromophenol</i>	31.75	0	50	0	63.5	21-125	0				
<i>Surr: 2-Fluorobiphenyl</i>	31	0	50	0	62	36-94	0				
<i>Surr: 2-Fluorophenol</i>	17.25	0	50	0	34.5	10-75	0				
<i>Surr: 4-Terphenyl-d14</i>	51.81	0	50	0	104	26-119	0				
<i>Surr: Nitrobenzene-d5</i>	28.32	0	50	0	56.6	41-104	0				
<i>Surr: Phenol-d6</i>	10.48	0	50	0	21	11-50	0				

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 13051015
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48738** Instrument ID **SVMS7** Method: **SW8270**

MS		Sample ID: 13051010-01B MS				Units: µg/L		Analysis Date: 05/30/13 09:04 PM		
Client ID:		Run ID: SVMS7_130530A				SeqNo: 2336436		Prep Date: 05/30/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,4-Dichlorobenzene	224	100	400	0	56	30-110	0			
2,4,5-Trichlorophenol	252.8	100	400	0	63.2	50-110	0			
2,4,6-Trichlorophenol	227.8	100	400	0	57	50-115	0			
2,4-Dinitrotoluene	267.6	100	400	0	66.9	50-120	0			
Hexachloro-1,3-butadiene	205.8	100	400	0	51.4	25-105	0			
Hexachlorobenzene	268.2	100	400	0	67	50-110	0			
Hexachloroethane	228.8	100	400	0	57.2	30-95	0			
m-Cresol	164.4	100	400	0	41.1	30-110	0			
Nitrobenzene	240.2	100	400	0	60	45-110	0			
o-Cresol	202.2	100	400	0	50.6	40-110	0			
p-Cresol	164.4	100	400	0	41.1	30-110	0			
Pentachlorophenol	335.4	400	400	0	83.8	40-115	0			J
Pyridine	131.6	400	400	0	32.9	10-80	0			J
<i>Surr: 2,4,6-Tribromophenol</i>	639.8	0	1000	0	64	21-125	0			
<i>Surr: 2-Fluorobiphenyl</i>	558.8	0	1000	0	55.9	36-94	0			
<i>Surr: 2-Fluorophenol</i>	332.2	0	1000	0	33.2	10-75	0			
<i>Surr: 4-Terphenyl-d14</i>	935	0	1000	0	93.5	26-119	0			
<i>Surr: Nitrobenzene-d5</i>	550.8	0	1000	0	55.1	41-104	0			
<i>Surr: Phenol-d6</i>	196	0	1000	0	19.6	11-50	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051015
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48738** Instrument ID **SVMS7** Method: **SW8270**

MSD		Sample ID: 13051010-01B MSD				Units: µg/L		Analysis Date: 05/30/13 09:26 PM		
Client ID:		Run ID: SVMS7_130530A				SeqNo: 2336437		Prep Date: 05/30/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,4-Dichlorobenzene	239	100	400	0	59.8	30-110	224	6.48	30	
2,4,5-Trichlorophenol	263.4	100	400	0	65.8	50-110	252.8	4.11	30	
2,4,6-Trichlorophenol	240	100	400	0	60	50-115	227.8	5.22	30	
2,4-Dinitrotoluene	264.8	100	400	0	66.2	50-120	267.6	1.05	30	
Hexachloro-1,3-butadiene	217.6	100	400	0	54.4	25-105	205.8	5.57	30	
Hexachlorobenzene	272	100	400	0	68	50-110	268.2	1.41	30	
Hexachloroethane	246.6	100	400	0	61.6	30-95	228.8	7.49	30	
m-Cresol	187	100	400	0	46.8	30-110	164.4	12.9	30	
Nitrobenzene	253.4	100	400	0	63.4	45-110	240.2	5.35	30	
o-Cresol	220.4	100	400	0	55.1	40-110	202.2	8.61	30	
p-Cresol	187	100	400	0	46.8	30-110	164.4	12.9	30	
Pentachlorophenol	320.4	400	400	0	80.1	40-115	335.4	0	30	J
Pyridine	148.6	400	400	0	37.2	10-80	131.6	0	30	J
<i>Surr: 2,4,6-Tribromophenol</i>	<i>640.4</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>64</i>	<i>21-125</i>	<i>639.8</i>	<i>0.0937</i>	<i>0</i>	
<i>Surr: 2-Fluorobiphenyl</i>	<i>591.8</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>59.2</i>	<i>36-94</i>	<i>558.8</i>	<i>5.74</i>	<i>0</i>	
<i>Surr: 2-Fluorophenol</i>	<i>381.8</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>38.2</i>	<i>10-75</i>	<i>332.2</i>	<i>13.9</i>	<i>0</i>	
<i>Surr: 4-Terphenyl-d14</i>	<i>940.2</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>94</i>	<i>26-119</i>	<i>935</i>	<i>0.555</i>	<i>0</i>	
<i>Surr: Nitrobenzene-d5</i>	<i>572.8</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>57.3</i>	<i>41-104</i>	<i>550.8</i>	<i>3.92</i>	<i>0</i>	
<i>Surr: Phenol-d6</i>	<i>235.2</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>23.5</i>	<i>11-50</i>	<i>196</i>	<i>18.2</i>	<i>0</i>	

The following samples were analyzed in this batch:

13051015-01A	13051015-02A	13051015-03A
13051015-04A	13051015-05A	13051015-06A
13051015-07A	13051015-08A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051015
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R121474** Instrument ID **VMS9** Method: **SW8260**

MBLK		Sample ID: VBLKW1-130530-R121474				Units: µg/L		Analysis Date: 05/30/13 11:29 AM		
Client ID:		Run ID: VMS9_130530A				SeqNo: 2336123		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
2-Butanone	ND	5.0								
Benzene	ND	1.0								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroform	ND	1.0								
Tetrachloroethene	ND	2.0								
Trichloroethene	ND	1.0								
Vinyl chloride	ND	1.0								
<i>Surr: 1,2-Dichloroethane-d4</i>	22	0	20	0	110	70-120	0			
<i>Surr: 4-Bromofluorobenzene</i>	20.03	0	20	0	100	75-120	0			
<i>Surr: Dibromofluoromethane</i>	20.95	0	20	0	105	85-115	0			
<i>Surr: Toluene-d8</i>	20.26	0	20	0	101	85-120	0			

LCS		Sample ID: VLCSW2-130530-R121474				Units: µg/L		Analysis Date: 05/30/13 11:51 AM		
Client ID:		Run ID: VMS9_130530A				SeqNo: 2336124		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	20.76	1.0	20	0	104	70-130	0			
1,2-Dichloroethane	22.74	1.0	20	0	114	70-130	0			
2-Butanone	24.49	5.0	20	0	122	30-150	0			
Benzene	21.73	1.0	20	0	109	80-120	0			
Carbon tetrachloride	20.87	1.0	20	0	104	65-140	0			
Chlorobenzene	20.92	1.0	20	0	105	80-120	0			
Chloroform	22.7	1.0	20	0	114	65-135	0			
Tetrachloroethene	20.83	2.0	20	0	104	45-150	0			
Trichloroethene	21.98	1.0	20	0	110	70-125	0			
Vinyl chloride	22.12	1.0	20	0	111	50-145	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	21.53	0	20	0	108	70-120	0			
<i>Surr: 4-Bromofluorobenzene</i>	20.39	0	20	0	102	75-120	0			
<i>Surr: Dibromofluoromethane</i>	21.15	0	20	0	106	85-115	0			
<i>Surr: Toluene-d8</i>	20.02	0	20	0	100	85-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051015
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: R121474 Instrument ID VMS9 Method: SW8260

MS				Sample ID: 13051087-02A MS			Units: µg/L		Analysis Date: 05/30/13 08:16 PM		
Client ID:				Run ID: VMS9_130530A			SeqNo: 2336132		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
1,1-Dichloroethene	20.35	1.0	20	0	102	70-130	0				
1,2-Dichloroethane	22.1	1.0	20	0	110	70-130	0				
2-Butanone	21.22	5.0	20	0	106	30-150	0				
Benzene	21.26	1.0	20	0	106	80-120	0				
Carbon tetrachloride	20.99	1.0	20	0	105	65-140	0				
Chlorobenzene	19.96	1.0	20	0	99.8	80-120	0				
Chloroform	21.26	1.0	20	0	106	65-135	0				
Tetrachloroethene	63.4	2.0	20	42.89	103	45-150	0				
Trichloroethene	27.63	1.0	20	6.6	105	70-125	0				
Vinyl chloride	21.86	1.0	20	0	109	50-145	0				
<i>Surr: 1,2-Dichloroethane-d4</i>	21.69	0	20	0	108	70-120	0				
<i>Surr: 4-Bromofluorobenzene</i>	20.37	0	20	0	102	75-120	0				
<i>Surr: Dibromofluoromethane</i>	21	0	20	0	105	85-115	0				
<i>Surr: Toluene-d8</i>	20.46	0	20	0	102	85-120	0				

MSD				Sample ID: 13051087-02A MSD			Units: µg/L		Analysis Date: 05/30/13 08:37 PM		
Client ID:				Run ID: VMS9_130530A			SeqNo: 2336133		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
1,1-Dichloroethene	20.79	1.0	20	0	104	70-130	20.35	2.14	30		
1,2-Dichloroethane	21.43	1.0	20	0	107	70-130	22.1	3.08	30		
2-Butanone	22.65	5.0	20	0	113	30-150	21.22	6.52	30		
Benzene	20.58	1.0	20	0	103	80-120	21.26	3.25	30		
Carbon tetrachloride	19.02	1.0	20	0	95.1	65-140	20.99	9.85	30		
Chlorobenzene	19.91	1.0	20	0	99.6	80-120	19.96	0.251	30		
Chloroform	21.59	1.0	20	0	108	65-135	21.26	1.54	30		
Tetrachloroethene	62.51	2.0	20	42.89	98.1	45-150	63.4	1.41	30		
Trichloroethene	26.98	1.0	20	6.6	102	70-125	27.63	2.38	30		
Vinyl chloride	21.78	1.0	20	0	109	50-145	21.86	0.367	30		
<i>Surr: 1,2-Dichloroethane-d4</i>	21.05	0	20	0	105	70-120	21.69	2.99	30		
<i>Surr: 4-Bromofluorobenzene</i>	20.76	0	20	0	104	75-120	20.37	1.9	30		
<i>Surr: Dibromofluoromethane</i>	21.03	0	20	0	105	85-115	21	0.143	30		
<i>Surr: Toluene-d8</i>	20.02	0	20	0	100	85-120	20.46	2.17	30		

The following samples were analyzed in this batch:

13051015-01A	13051015-02A	13051015-03A
13051015-05A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051015
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R121546A** Instrument ID **VMS8** Method: **SW8260**

MBLK		Sample ID: VBLKW1-130531-R121546A				Units: µg/L		Analysis Date: 05/31/13 11:49 AM		
Client ID:		Run ID: VMS8_130531A				SeqNo: 2337448		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
2-Butanone	ND	5.0								
Benzene	ND	1.0								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroform	ND	1.0								
Tetrachloroethene	ND	2.0								
Trichloroethene	ND	1.0								
Vinyl chloride	ND	1.0								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>18.37</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>91.8</i>	<i>70-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>20.27</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>101</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>18.93</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>94.6</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>19.6</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>98</i>	<i>85-120</i>	<i>0</i>			

LCS		Sample ID: VLCSW1-130531-R121546A				Units: µg/L		Analysis Date: 05/31/13 10:37 AM		
Client ID:		Run ID: VMS8_130531A				SeqNo: 2337443		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	19.31	1.0	20	0	96.6	70-130	0			
1,2-Dichloroethane	18.95	1.0	20	0	94.8	70-130	0			
2-Butanone	22.48	5.0	20	0	112	30-150	0			
Benzene	21.95	1.0	20	0	110	80-120	0			
Carbon tetrachloride	22.81	1.0	20	0	114	65-140	0			
Chlorobenzene	21.72	1.0	20	0	109	80-120	0			
Chloroform	20.66	1.0	20	0	103	65-135	0			
Tetrachloroethene	23.42	2.0	20	0	117	45-150	0			
Trichloroethene	21.21	1.0	20	0	106	70-125	0			
Vinyl chloride	22.07	1.0	20	0	110	50-145	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>18.24</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>91.2</i>	<i>70-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>20.27</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>101</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>19.57</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>97.8</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>20.23</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>101</i>	<i>85-120</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051015
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: R121546A Instrument ID VMS8 Method: SW8260

MS		Sample ID: 13051206-05A MS				Units: µg/L		Analysis Date: 05/31/13 08:10 PM		
Client ID:		Run ID: VMS8_130531A				SeqNo: 2337482		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	18.32	1.0	20	0	91.6	70-130	0			
1,2-Dichloroethane	17.55	1.0	20	0	87.8	70-130	0			
2-Butanone	23.84	5.0	20	0	119	30-150	0			
Benzene	21.34	1.0	20	0	107	80-120	0			
Carbon tetrachloride	22.91	1.0	20	0	115	65-140	0			
Chlorobenzene	19.98	1.0	20	0	99.9	80-120	0			
Chloroform	19.61	1.0	20	0	98	65-135	0			
Tetrachloroethene	21.45	2.0	20	0	107	45-150	0			
Trichloroethene	20.68	1.0	20	0	103	70-125	0			
Vinyl chloride	21.14	1.0	20	0	106	50-145	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	18.67	0	20	0	93.4	70-120	0			
<i>Surr: 4-Bromofluorobenzene</i>	20.35	0	20	0	102	75-120	0			
<i>Surr: Dibromofluoromethane</i>	19.58	0	20	0	97.9	85-115	0			
<i>Surr: Toluene-d8</i>	19.61	0	20	0	98	85-120	0			

MSD		Sample ID: 13051206-05A MSD				Units: µg/L		Analysis Date: 05/31/13 08:33 PM		
Client ID:		Run ID: VMS8_130531A				SeqNo: 2337487		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	17.89	1.0	20	0	89.4	70-130	18.32	2.38	30	
1,2-Dichloroethane	17.22	1.0	20	0	86.1	70-130	17.55	1.9	30	
2-Butanone	23.01	5.0	20	0	115	30-150	23.84	3.54	30	
Benzene	20.83	1.0	20	0	104	80-120	21.34	2.42	30	
Carbon tetrachloride	21.82	1.0	20	0	109	65-140	22.91	4.87	30	
Chlorobenzene	19.65	1.0	20	0	98.2	80-120	19.98	1.67	30	
Chloroform	19.38	1.0	20	0	96.9	65-135	19.61	1.18	30	
Tetrachloroethene	21.36	2.0	20	0	107	45-150	21.45	0.42	30	
Trichloroethene	20.79	1.0	20	0	104	70-125	20.68	0.531	30	
Vinyl chloride	20.67	1.0	20	0	103	50-145	21.14	2.25	30	
<i>Surr: 1,2-Dichloroethane-d4</i>	18.52	0	20	0	92.6	70-120	18.67	0.807	30	
<i>Surr: 4-Bromofluorobenzene</i>	20.03	0	20	0	100	75-120	20.35	1.58	30	
<i>Surr: Dibromofluoromethane</i>	19.4	0	20	0	97	85-115	19.58	0.924	30	
<i>Surr: Toluene-d8</i>	19.75	0	20	0	98.8	85-120	19.61	0.711	30	

The following samples were analyzed in this batch:

13051015-04A	13051015-06A	13051015-08A
--------------	--------------	--------------

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051015
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R121627A** Instrument ID **VMS9** Method: **SW8260**

MBLK		Sample ID: VBLKW1-130603-R121627A				Units: µg/L		Analysis Date: 06/03/13 12:34 PM		
Client ID:		Run ID: VMS9_130603A				SeqNo: 2337888		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
2-Butanone	ND	5.0								
Benzene	ND	1.0								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroform	ND	1.0								
Tetrachloroethene	ND	2.0								
Trichloroethene	ND	1.0								
Vinyl chloride	ND	1.0								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>21.12</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>106</i>	<i>70-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>19.69</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>98.4</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>20.3</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>102</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>19.94</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>99.7</i>	<i>85-120</i>	<i>0</i>			

LCS		Sample ID: VLCSW1-130603-R121627A				Units: µg/L		Analysis Date: 06/03/13 11:29 AM		
Client ID:		Run ID: VMS9_130603A				SeqNo: 2337886		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	22.71	1.0	20	0	114	70-130	0			
1,2-Dichloroethane	20.72	1.0	20	0	104	70-130	0			
2-Butanone	21.47	5.0	20	0	107	30-150	0			
Benzene	20.82	1.0	20	0	104	80-120	0			
Carbon tetrachloride	16.53	1.0	20	0	82.6	65-140	0			
Chlorobenzene	20.22	1.0	20	0	101	80-120	0			
Chloroform	21.31	1.0	20	0	107	65-135	0			
Tetrachloroethene	18	2.0	20	0	90	45-150	0			
Trichloroethene	20.69	1.0	20	0	103	70-125	0			
Vinyl chloride	19.06	1.0	20	0	95.3	50-145	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>20.45</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>102</i>	<i>70-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>20.35</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>102</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>21.79</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>109</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>20.22</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>101</i>	<i>85-120</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051015
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: R121627A Instrument ID VMS9 Method: SW8260

MS		Sample ID: 1306011-01A MS				Units: µg/L		Analysis Date: 06/03/13 08:33 PM		
Client ID:		Run ID: VMS9_130603A				SeqNo: 2338401		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	20.38	1.0	20	0	102	70-130	0			
1,2-Dichloroethane	21.26	1.0	20	0	106	70-130	0			
2-Butanone	22.13	5.0	20	0	111	30-150	0			
Benzene	20.67	1.0	20	0	103	80-120	0			
Carbon tetrachloride	17.6	1.0	20	0	88	65-140	0			
Chlorobenzene	19.87	1.0	20	0	99.4	80-120	0			
Chloroform	21.53	1.0	20	0	108	65-135	0			
Tetrachloroethene	18.83	2.0	20	0	94.2	45-150	0			
Trichloroethene	21.08	1.0	20	0	105	70-125	0			
Vinyl chloride	19.03	1.0	20	0	95.2	50-145	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	21.09	0	20	0	105	70-120	0			
<i>Surr: 4-Bromofluorobenzene</i>	20.57	0	20	0	103	75-120	0			
<i>Surr: Dibromofluoromethane</i>	21.74	0	20	0	109	85-115	0			
<i>Surr: Toluene-d8</i>	20.19	0	20	0	101	85-120	0			

MSD		Sample ID: 1306011-01A MSD				Units: µg/L		Analysis Date: 06/03/13 08:54 PM		
Client ID:		Run ID: VMS9_130603A				SeqNo: 2338402		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	19.65	1.0	20	0	98.2	70-130	20.38	3.65	30	
1,2-Dichloroethane	21.14	1.0	20	0	106	70-130	21.26	0.566	30	
2-Butanone	22.72	5.0	20	0	114	30-150	22.13	2.63	30	
Benzene	20.77	1.0	20	0	104	80-120	20.67	0.483	30	
Carbon tetrachloride	22.89	1.0	20	0	114	65-140	17.6	26.1	30	
Chlorobenzene	19.69	1.0	20	0	98.4	80-120	19.87	0.91	30	
Chloroform	21.84	1.0	20	0	109	65-135	21.53	1.43	30	
Tetrachloroethene	18.38	2.0	20	0	91.9	45-150	18.83	2.42	30	
Trichloroethene	20.94	1.0	20	0	105	70-125	21.08	0.666	30	
Vinyl chloride	19.27	1.0	20	0	96.4	50-145	19.03	1.25	30	
<i>Surr: 1,2-Dichloroethane-d4</i>	21.15	0	20	0	106	70-120	21.09	0.284	30	
<i>Surr: 4-Bromofluorobenzene</i>	20.9	0	20	0	104	75-120	20.57	1.59	30	
<i>Surr: Dibromofluoromethane</i>	22.2	0	20	0	111	85-115	21.74	2.09	30	
<i>Surr: Toluene-d8</i>	20.28	0	20	0	101	85-120	20.19	0.445	30	

The following samples were analyzed in this batch:

13051015-07A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.



Cincinnati, OH
+1 513 733 5336

Fort Collins, CO
+1 970 490 1511

Everett, WA
+1 425 356 2600

Holland, MI
+1 616 399 6070

Chain of Custody Form

Houston, TX
+1 281 530 5656

Spring City, PA
+1 610 948 4903

South Charleston, WV
+1 304 356 3168

Middletown, PA
+1 717 944 5541

Salt Lake City, UT
+1 801 266 7700

York, PA
+1 717 505 5280

Page 1 of 1

COC ID: 85290

Environmental

ALS Project Manager: JBB ALS Work Order #: 13051013

Customer Information		Project Information		Parameter/Method Request for Analysis											
Purchase Order	0082447	Project Name	Whirlpool Park Site	A	TCLP VOCs										
Work Order	<u>20405.016.001.2063.00</u>	Project Number	<u>20405.016.001.2063.00</u>	B	TCLP SVOCs										
Company Name	Weston Solutions, Inc	Bill To Company	Weston Solutions, Inc	C	TCLP Metals										
Send Report To	Lisa Graczyk	Invoice Attn	Lisa Graczyk	D	TCLP Pesticides										
Address	20 North Wacker Drive Suite 1210	Address	20 North Wacker Drive Suite 1210	E	TCLP Herbicides										
				F											
City/State/Zip	Chicago, IL 60606	City/State/Zip	Chicago, IL 60606	G											
Phone	(312) 424-3300	Phone	(312) 424-3300	H											
Fax	(312) 424-3330	Fax	(312) 424-3330	I											
e-Mail Address	<u>LGRACZYK@CSS-DYNAMICAL.COM</u>	e-Mail Address	<u>LGRACZYK@CSS-DYNAMICAL.COM</u>	J											

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	IA1-532-0-2W	5/21/13	1630	SOIL	—	2	X	X	X	X	X						
2	AST-WIW	5/22/13	1245	SOIL	—	2	X	X	X	X	X						
3	IA1-531-8-10W	5/22/13	1605	SOIL	—	2	X	X	X	X	X						
4	IA1-526-0-2W	5/22/13	0845	SOIL	—	2	X	X	X	X	X						
5	IA1-525-0-2W	5/22/13	1335	SOIL	—	2	X	X	X	X	X						
6	IA1-545-8-10W	5/23/13	1000	SOIL	—	2	X	X	X	X	X						
7	IA1-543-5-7W	5/23/13	1430	SOIL	—	2	X	X	X	X	X						
8	IA1-551-2-4W	5/24/13	0800	SOIL	—	2	X	X	X	X	X						
9																	
10																	

Sampler(s) Please Print & Sign: ANDREW KILG Shipment Method: _____ Required Turnaround Time: (Check Box) Std 10 WK Days 5 WK Days 2 WK Days 24 Hour Results Due Date: _____

Relinquished by: [Signature] Date: 5/24/13 Time: 1006 Received by: CITY TRANSFER Notes: TCLP analyses
 Relinquished by: CITY TRANSFER Date: 5/25/13 Time: 0900 Received by (Laboratory): [Signature] Cooler ID: _____ Cooler Temp: 4.8°C QC Package: (Check One Box Below)
 Logged by (Laboratory): KE Date: 5/25/13 Time: 0945 Checked by (Laboratory): JBB Level II Std QC TRRP Check List
 Level III Std QC/Raw Data TRRP Level IV
 Level IV SW846/GLP
 Other _____

Preservative Key: 1-HCl 2-HNO₃ 3-H₂SO₄ 4-NaOH 5-Na₂S₂O₃ 6-NaHSO₄ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
 2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
 3. The Chain of Custody is a legal document. All information must be completed accurately.



ALS Environmental

3352 128th Avenue
Holland, Michigan 49424
Tel. +1 616 399 6070
Fax. +1 616 399 6185

CUSTODY SEAL

Date: 1/2/03 Title:
Name: ALS
Company: ALS

Seal # 10000
Date:

Sample Receipt Checklist

Client Name: **WESTON - CHI**

Date/Time Received: **25-May-13 09:00**

Work Order: **13051015**

Received by: **KRW**

Checklist completed by Keith Wurenga 25-May-13
eSignature Date

Reviewed by: Tom Bramish 28-May-13
eSignature Date

Matrices: Soil
Carrier name: City Transfer

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temperature(s)/Thermometer(s):	<input type="text" value="4.8 C"/> <input type="text"/>		
Cooler(s)/Kit(s):	<input type="text"/>		
Date/Time sample(s) sent to storage:	<input type="text" value="5/25/2013 9:03:49 AM"/>		
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted by:	<input type="text"/>		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:



05-Jun-2013

Lisa Graczyk
Weston Solutions, Inc
20 North Wacker Drive
Suite 1210
Chicago, IL 60606

Re: **20405.016.001.2063.00/Whirlpool Park Site**

Work Order: **13051016**

Dear Lisa,

ALS Environmental received 9 samples on 25-May-2013 for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Sample results are compliant with NELAP standard requirements and QC results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 81.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Tom Beamish".

Electronically approved by: Tom Beamish

Tom Beamish
Senior Project Manager



Certificate No: MN 532786

Report of Laboratory Analysis

ADDRESS 3352 128th Avenue Holland, Michigan 49424-9263 | PHONE (616) 399-6070 | FAX (616) 399-6185

ALS GROUP USA, CORP Part of the ALS Group An ALS Limited Company

Environmental

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Work Order: 13051016

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
13051016-01	IA1-532-0-2W	Soil		05/21/13 16:30	05/25/13 09:00	<input type="checkbox"/>
13051016-02	AST-WIW	Soil		05/22/13 12:45	05/25/13 09:00	<input type="checkbox"/>
13051016-03	IA1-531-8-10W	Soil		05/22/13 16:05	05/25/13 09:00	<input type="checkbox"/>
13051016-04	IA1-526-0-2W	Soil		05/22/13 08:45	05/25/13 09:00	<input type="checkbox"/>
13051016-05	IA1-525-0-2W	Soil		05/22/13 13:35	05/25/13 09:00	<input type="checkbox"/>
13051016-06	IA1-545-8-10W	Soil		05/23/13 10:00	05/25/13 09:00	<input type="checkbox"/>
13051016-07	Trip-03	Soil		05/23/13	05/25/13 09:00	<input type="checkbox"/>
13051016-08	IA1-543-5-7W	Soil		05/23/13 14:30	05/25/13 09:00	<input type="checkbox"/>
13051016-09	IA1-551-2-4W	Soil		05/24/13 08:00	05/25/13 09:00	<input type="checkbox"/>

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
WorkOrder: 13051016

**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
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
TDL	Target Detection Limit
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

<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
s.u.	Standard Units

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Work Order: 13051016

Case Narrative**Analytical Comments:**

Batch 48742, Method SVO_8270_S, Sample 13051016-03B: One or more SVOC surrogate recoveries are unavailable due to sample matrix interference. Target analytes were not affected by the interference. No qualification is necessary.

Batch 48742, Method SVO_8270_S, Sample 13051016-03B: One or more SVOC surrogate recoveries were above the upper control limits due to matrix interference.

Batch 48742, Method SVO_8270_S, Sample 13051016-08B: One or more SVOC surrogate recoveries are unavailable due to sample matrix interference. Target analytes were not affected by the interference. No qualification is necessary.

Batch 48744, Method PEST_8081_S, Sample 13051016-03B: The Pesticide surrogate recoveries are unavailable due to dilution below the calibration range.

Batch 48783, Method ICP_6020_S, Sample 13051016-01B: The metals reporting limits are elevated due to dilution for high concentrations of non-target analytes.

Batch 48783, Method ICP_6020_S, Sample 13051016-02B: The metals reporting limits are elevated due to dilution for high concentrations of non-target analytes.

Batch 48783, Method ICP_6020_S, Sample 13051016-03B: The metals reporting limits are elevated due to dilution for high concentrations of non-target analytes.

Batch 48783, Method ICP_6020_S, Sample 13051016-04B: The metals reporting limits are elevated due to dilution for high concentrations of non-target analytes.

Batch 48783, Method ICP_6020_S, Sample 13051016-05B: The metals reporting limits are elevated due to dilution for high concentrations of non-target analytes.

Batch 48783, Method ICP_6020_S, Sample 13051016-06B: The metals reporting limits are elevated due to dilution for high concentrations of non-target analytes.

Batch 48783, Method ICP_6020_S, Sample 13051016-08B: The metals reporting limits are elevated due to dilution for high concentrations of non-target analytes.

Batch 48783, Method ICP_6020_S, Sample 13051016-09B: The metals reporting limits are elevated due to dilution for high concentrations of non-target analytes.

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Work Order: 13051016

Case Narrative

QC Comments:

Batch 48744, Method PEST_8081_S, Sample PLCSS1-48744: The LCS recovery was above the upper control limit. All sample results in the batch were non-detect. No qualification is necessary for Endrin.

Batch 48744, Method PEST_8081_S, Sample PLCSS1-48744: The LCS and/or LCSD recovery was below the lower control limit. The sample results may be biased low for this analyte: Endrin Ketone

Batch 48690, Method VOC_8260_S, Sample 13051016-01A MS: The MS and/or MSD recoveries were below the lower control limit. The corresponding results in the parent sample may be biased low for Chloroethane and Vinyl chloride.

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-532-0-2W
Collection Date: 05/21/13 04:30 PM

Work Order: 13051016
Lab ID: 13051016-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/30/13	Analyst: JD
2,4,5-T	ND		0.057	mg/Kg-dry	1	06/03/13 10:14 AM
2,4,5-TP (Silvex)	ND		0.057	mg/Kg-dry	1	06/03/13 10:14 AM
2,4-D	ND		0.057	mg/Kg-dry	1	06/03/13 10:14 AM
Surr: DCAA	111		30-150	%REC	1	06/03/13 10:14 AM
PCBS			SW8082		Prep Date: 05/30/13	Analyst: JD
Aroclor 1016	ND		0.044	mg/Kg-dry	1	05/31/13 01:02 AM
Aroclor 1221	ND		0.044	mg/Kg-dry	1	05/31/13 01:02 AM
Aroclor 1232	ND		0.044	mg/Kg-dry	1	05/31/13 01:02 AM
Aroclor 1242	ND		0.044	mg/Kg-dry	1	05/31/13 01:02 AM
Aroclor 1248	ND		0.044	mg/Kg-dry	1	05/31/13 01:02 AM
Aroclor 1254	ND		0.044	mg/Kg-dry	1	05/31/13 01:02 AM
Aroclor 1260	ND		0.044	mg/Kg-dry	1	05/31/13 01:02 AM
Surr: Decachlorobiphenyl	69.1		40-140	%REC	1	05/31/13 01:02 AM
PESTICIDES			SW8081		Prep Date: 05/30/13	Analyst: JD
4,4'-DDD	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
4,4'-DDE	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
4,4'-DDT	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Aldrin	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
alpha-BHC	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
alpha-Chlordane	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
beta-BHC	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Chlordane, Technical	ND		0.055	mg/Kg-dry	2	06/03/13 01:21 PM
delta-BHC	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Dieldrin	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Endosulfan I	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Endosulfan II	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Endosulfan sulfate	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Endrin	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Endrin aldehyde	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Endrin ketone	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
gamma-BHC (Lindane)	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
gamma-Chlordane	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Heptachlor	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Heptachlor epoxide	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Methoxychlor	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Toxaphene	ND		0.13	mg/Kg-dry	2	06/03/13 01:21 PM
Surr: Decachlorobiphenyl	88.1		45-135	%REC	2	06/03/13 01:21 PM
Surr: Tetrachloro-m-xylene	94.1		45-124	%REC	2	06/03/13 01:21 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-532-0-2W
Collection Date: 05/21/13 04:30 PM

Work Order: 13051016
Lab ID: 13051016-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.019	mg/Kg-dry	1	05/30/13 04:16 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Aluminum	6,000		3.8	mg/Kg-dry	5	06/03/13 12:55 PM
Antimony	ND		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Arsenic	3.2		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Barium	20		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Beryllium	ND		0.75	mg/Kg-dry	5	05/31/13 06:52 PM
Boron	ND		7.5	mg/Kg-dry	5	05/31/13 06:52 PM
Cadmium	ND		0.75	mg/Kg-dry	5	05/31/13 06:52 PM
Calcium	1,100		190	mg/Kg-dry	5	05/31/13 06:52 PM
Chromium	7.1		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Cobalt	3.1		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Copper	5.3		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Iron	9,300		30	mg/Kg-dry	5	05/31/13 06:52 PM
Lead	5.2		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Magnesium	1,200		75	mg/Kg-dry	5	05/31/13 06:52 PM
Manganese	100		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Nickel	8.2		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Potassium	340		75	mg/Kg-dry	5	05/31/13 06:52 PM
Selenium	ND		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Silver	ND		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Sodium	ND		75	mg/Kg-dry	5	06/03/13 12:55 PM
Thallium	ND		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Vanadium	13		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Zinc	22		3.8	mg/Kg-dry	5	05/31/13 06:52 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,1'-Biphenyl	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
2,4-Dimethylphenol	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
2,4-Dinitrophenol	ND		0.75	mg/Kg-dry	1	05/30/13 08:41 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
2-Chloronaphthalene	ND		0.091	mg/Kg-dry	1	05/30/13 08:41 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
2-Methylnaphthalene	ND		0.091	mg/Kg-dry	1	05/30/13 08:41 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-532-0-2W

Lab ID: 13051016-01

Collection Date: 05/21/13 04:30 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.75	mg/Kg-dry	1	05/30/13 08:41 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
3,3'-Dichlorobenzidine	ND		0.75	mg/Kg-dry	1	05/30/13 08:41 PM
3-Nitroaniline	ND		0.75	mg/Kg-dry	1	05/30/13 08:41 PM
4,6-Dinitro-2-methylphenol	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
4-Chloroaniline	ND		0.75	mg/Kg-dry	1	05/30/13 08:41 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
4-Nitroaniline	ND		0.75	mg/Kg-dry	1	05/30/13 08:41 PM
4-Nitrophenol	ND		0.75	mg/Kg-dry	1	05/30/13 08:41 PM
Acenaphthene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Acenaphthylene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Acetophenone	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
Anthracene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Atrazine	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
Benzaldehyde	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
Benzo(a)anthracene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Benzo(a)pyrene	0.052		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Benzo(b)fluoranthene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Benzo(g,h,i)perylene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Benzo(k)fluoranthene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
Bis(2-ethylhexyl)phthalate	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
Caprolactam	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
Carbazole	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
Chrysene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Dibenzo(a,h)anthracene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
Diethyl phthalate	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
Dimethyl phthalate	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
Di-n-butyl phthalate	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
Fluoranthene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Fluorene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-532-0-2W
Collection Date: 05/21/13 04:30 PM

Work Order: 13051016
Lab ID: 13051016-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
Hexachlorocyclopentadiene	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
Indeno(1,2,3-cd)pyrene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Isophorone	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
Naphthalene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
Pentachlorophenol	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
Phenanthrene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Phenol	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
Pyrene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Surr: 2,4,6-Tribromophenol	80.8		34-140	%REC	1	05/30/13 08:41 PM
Surr: 2-Fluorobiphenyl	75.7		12-100	%REC	1	05/30/13 08:41 PM
Surr: 2-Fluorophenol	88.6		33-117	%REC	1	05/30/13 08:41 PM
Surr: 4-Terphenyl-d14	130		25-137	%REC	1	05/30/13 08:41 PM
Surr: Nitrobenzene-d5	67.3		37-107	%REC	1	05/30/13 08:41 PM
Surr: Phenol-d6	81.1		40-106	%REC	1	05/30/13 08:41 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Prep Date: 05/28/13

Analyst: RS

1,1,1-Trichloroethane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,1,2,2-Tetrachloroethane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,1,2-Trichloroethane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,1,2-Trichlorotrifluoroethane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,1-Dichloroethane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,1-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,2,4-Trichlorobenzene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,2-Dibromo-3-chloropropane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,2-Dibromoethane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,2-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,2-Dichloroethane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,2-Dichloropropane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,3-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,4-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
2-Butanone	ND		0.23	mg/Kg-dry	1	05/30/13 12:57 PM
2-Hexanone	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
4-Methyl-2-pentanone	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Acetone	ND		0.11	mg/Kg-dry	1	05/30/13 12:57 PM
Benzene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Bromodichloromethane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-532-0-2W

Lab ID: 13051016-01

Collection Date: 05/21/13 04:30 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Bromomethane	ND		0.086	mg/Kg-dry	1	05/30/13 12:57 PM
Carbon disulfide	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Carbon tetrachloride	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Chlorobenzene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Chloroethane	ND		0.11	mg/Kg-dry	1	05/30/13 12:57 PM
Chloroform	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Chloromethane	ND		0.11	mg/Kg-dry	1	05/30/13 12:57 PM
cis-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
cis-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Cyclohexane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Dibromochloromethane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Dichlorodifluoromethane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Ethylbenzene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Isopropylbenzene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Methyl acetate	ND		0.23	mg/Kg-dry	1	05/30/13 12:57 PM
Methyl tert-butyl ether	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Methylcyclohexane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Methylene chloride	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Styrene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Tetrachloroethene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Toluene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
trans-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
trans-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Trichloroethene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Trichlorofluoromethane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Vinyl chloride	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Xylenes, Total	ND		0.10	mg/Kg-dry	1	05/30/13 12:57 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	105		70-130	%REC	1	05/30/13 12:57 PM
<i>Surr: 4-Bromofluorobenzene</i>	103		70-130	%REC	1	05/30/13 12:57 PM
<i>Surr: Dibromofluoromethane</i>	101		70-130	%REC	1	05/30/13 12:57 PM
<i>Surr: Toluene-d8</i>	102		70-130	%REC	1	05/30/13 12:57 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/28/13	Analyst: MB
Chromium, Hexavalent	ND		0.57	mg/Kg-dry	1	05/29/13 12:30 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	13		0.050	% of sample	1	05/28/13 02:00 PM
PH			SW9045D			Analyst: CH
pH	7.6			s.u.	1	05/28/13 10:00 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: AST-WIW
Collection Date: 05/22/13 12:45 PM

Work Order: 13051016
Lab ID: 13051016-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/30/13	Analyst: JD
2,4,5-T	ND		0.052	mg/Kg-dry	1	06/03/13 11:17 AM
2,4,5-TP (Silvex)	ND		0.10	mg/Kg-dry	1	06/03/13 11:17 AM
2,4-D	ND		0.052	mg/Kg-dry	1	06/03/13 11:17 AM
Surr: DCAA	120		30-150	%REC	1	06/03/13 11:17 AM
PCBS			SW8082		Prep Date: 05/30/13	Analyst: JD
Aroclor 1016	ND		0.041	mg/Kg-dry	1	05/31/13 03:03 AM
Aroclor 1221	ND		0.041	mg/Kg-dry	1	05/31/13 03:03 AM
Aroclor 1232	ND		0.041	mg/Kg-dry	1	05/31/13 03:03 AM
Aroclor 1242	ND		0.041	mg/Kg-dry	1	05/31/13 03:03 AM
Aroclor 1248	ND		0.041	mg/Kg-dry	1	05/31/13 03:03 AM
Aroclor 1254	ND		0.041	mg/Kg-dry	1	05/31/13 03:03 AM
Aroclor 1260	ND		0.041	mg/Kg-dry	1	05/31/13 03:03 AM
Surr: Decachlorobiphenyl	74.1		40-140	%REC	1	05/31/13 03:03 AM
PESTICIDES			SW8081		Prep Date: 05/30/13	Analyst: JD
4,4'-DDD	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
4,4'-DDE	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
4,4'-DDT	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Aldrin	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
alpha-BHC	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
alpha-Chlordane	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
beta-BHC	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Chlordane, Technical	ND		0.051	mg/Kg-dry	2	06/03/13 02:23 PM
delta-BHC	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Dieldrin	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Endosulfan I	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Endosulfan II	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Endosulfan sulfate	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Endrin	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Endrin aldehyde	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Endrin ketone	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
gamma-BHC (Lindane)	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
gamma-Chlordane	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Heptachlor	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Heptachlor epoxide	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Methoxychlor	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Toxaphene	ND		0.12	mg/Kg-dry	2	06/03/13 02:23 PM
Surr: Decachlorobiphenyl	92.1		45-135	%REC	2	06/03/13 02:23 PM
Surr: Tetrachloro-m-xylene	90.1		45-124	%REC	2	06/03/13 02:23 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: AST-WIW

Lab ID: 13051016-02

Collection Date: 05/22/13 12:45 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 05/29/13	Analyst: LR
Mercury	0.82		0.16	mg/Kg-dry	10	05/30/13 04:25 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Aluminum	3,700		34	mg/Kg-dry	50	06/03/13 01:00 PM
Antimony	ND		1.7	mg/Kg-dry	5	05/31/13 06:58 PM
Arsenic	ND		1.7	mg/Kg-dry	5	05/31/13 06:58 PM
Barium	6.7		1.7	mg/Kg-dry	5	05/31/13 06:58 PM
Beryllium	ND		0.68	mg/Kg-dry	5	05/31/13 06:58 PM
Boron	ND		6.8	mg/Kg-dry	5	05/31/13 06:58 PM
Cadmium	ND		0.68	mg/Kg-dry	5	05/31/13 06:58 PM
Calcium	8,400		170	mg/Kg-dry	5	05/31/13 06:58 PM
Chromium	15		1.7	mg/Kg-dry	5	05/31/13 06:58 PM
Cobalt	3.7		1.7	mg/Kg-dry	5	05/31/13 06:58 PM
Copper	4,500		17	mg/Kg-dry	50	06/03/13 01:00 PM
Iron	20,000		27	mg/Kg-dry	5	05/31/13 06:58 PM
Lead	9.3		1.7	mg/Kg-dry	5	05/31/13 06:58 PM
Magnesium	1,400		68	mg/Kg-dry	5	05/31/13 06:58 PM
Manganese	210		1.7	mg/Kg-dry	5	05/31/13 06:58 PM
Nickel	11		1.7	mg/Kg-dry	5	05/31/13 06:58 PM
Potassium	140		68	mg/Kg-dry	5	05/31/13 06:58 PM
Selenium	ND		1.7	mg/Kg-dry	5	05/31/13 06:58 PM
Silver	ND		1.7	mg/Kg-dry	5	05/31/13 06:58 PM
Sodium	ND		680	mg/Kg-dry	50	06/03/13 01:00 PM
Thallium	ND		1.7	mg/Kg-dry	5	05/31/13 06:58 PM
Vanadium	11		1.7	mg/Kg-dry	5	05/31/13 06:58 PM
Zinc	55		3.4	mg/Kg-dry	5	05/31/13 06:58 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,1'-Biphenyl	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
2,4,5-Trichlorophenol	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
2,4,6-Trichlorophenol	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
2,4-Dichlorophenol	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
2,4-Dimethylphenol	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
2,4-Dinitrophenol	ND		0.68	mg/Kg-dry	1	05/30/13 10:11 PM
2,4-Dinitrotoluene	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
2,6-Dinitrotoluene	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
2-Chloronaphthalene	ND		0.082	mg/Kg-dry	1	05/30/13 10:11 PM
2-Chlorophenol	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
2-Methylnaphthalene	ND		0.082	mg/Kg-dry	1	05/30/13 10:11 PM
2-Methylphenol	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: AST-WIW

Lab ID: 13051016-02

Collection Date: 05/22/13 12:45 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.68	mg/Kg-dry	1	05/30/13 10:11 PM
2-Nitrophenol	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
3,3'-Dichlorobenzidine	ND		0.68	mg/Kg-dry	1	05/30/13 10:11 PM
3-Nitroaniline	ND		0.68	mg/Kg-dry	1	05/30/13 10:11 PM
4,6-Dinitro-2-methylphenol	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
4-Bromophenyl phenyl ether	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
4-Chloro-3-methylphenol	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
4-Chloroaniline	ND		0.68	mg/Kg-dry	1	05/30/13 10:11 PM
4-Chlorophenyl phenyl ether	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
4-Methylphenol	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
4-Nitroaniline	ND		0.68	mg/Kg-dry	1	05/30/13 10:11 PM
4-Nitrophenol	ND		0.68	mg/Kg-dry	1	05/30/13 10:11 PM
Acenaphthene	ND		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Acenaphthylene	ND		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Acetophenone	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
Anthracene	ND		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Atrazine	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
Benzaldehyde	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
Benzo(a)anthracene	0.056		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Benzo(a)pyrene	0.067		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Benzo(b)fluoranthene	0.086		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Benzo(g,h,i)perylene	ND		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Benzo(k)fluoranthene	ND		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Bis(2-chloroethoxy)methane	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
Bis(2-chloroethyl)ether	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
Bis(2-chloroisopropyl)ether	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
Bis(2-ethylhexyl)phthalate	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
Butyl benzyl phthalate	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
Caprolactam	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
Carbazole	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
Chrysene	0.047		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Dibenzo(a,h)anthracene	ND		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Dibenzofuran	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
Diethyl phthalate	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
Dimethyl phthalate	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
Di-n-butyl phthalate	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
Di-n-octyl phthalate	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
Fluoranthene	0.065		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Fluorene	ND		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Hexachlorobenzene	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: AST-WIW
Collection Date: 05/22/13 12:45 PM

Work Order: 13051016
Lab ID: 13051016-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
Hexachlorocyclopentadiene	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
Hexachloroethane	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
Indeno(1,2,3-cd)pyrene	ND		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Isophorone	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
Naphthalene	ND		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Nitrobenzene	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
N-Nitrosodi-n-propylamine	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
N-Nitrosodiphenylamine	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
Pentachlorophenol	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
Phenanthrene	ND		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Phenol	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
Pyrene	0.062		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Surr: 2,4,6-Tribromophenol	47.5		34-140	%REC	1	05/30/13 10:11 PM
Surr: 2-Fluorobiphenyl	62.1		12-100	%REC	1	05/30/13 10:11 PM
Surr: 2-Fluorophenol	55.5		33-117	%REC	1	05/30/13 10:11 PM
Surr: 4-Terphenyl-d14	119		25-137	%REC	1	05/30/13 10:11 PM
Surr: Nitrobenzene-d5	50.9		37-107	%REC	1	05/30/13 10:11 PM
Surr: Phenol-d6	58.7		40-106	%REC	1	05/30/13 10:11 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Prep Date: 05/28/13

Analyst: RS

1,1,1-Trichloroethane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,1,2,2-Tetrachloroethane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,1,2-Trichloroethane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,1,2-Trichlorotrifluoroethane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,1-Dichloroethane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,1-Dichloroethene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,2,4-Trichlorobenzene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,2-Dibromo-3-chloropropane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,2-Dibromoethane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,2-Dichlorobenzene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,2-Dichloroethane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,2-Dichloropropane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,3-Dichlorobenzene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,4-Dichlorobenzene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
2-Butanone	ND		0.21	mg/Kg-dry	1	05/29/13 12:49 PM
2-Hexanone	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
4-Methyl-2-pentanone	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Acetone	ND		0.11	mg/Kg-dry	1	05/29/13 12:49 PM
Benzene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Bromodichloromethane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: AST-WIW
Collection Date: 05/22/13 12:45 PM

Work Order: 13051016
Lab ID: 13051016-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Bromomethane	ND		0.080	mg/Kg-dry	1	05/29/13 12:49 PM
Carbon disulfide	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Carbon tetrachloride	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Chlorobenzene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Chloroethane	ND		0.11	mg/Kg-dry	1	05/29/13 12:49 PM
Chloroform	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Chloromethane	ND		0.11	mg/Kg-dry	1	05/29/13 12:49 PM
cis-1,2-Dichloroethene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
cis-1,3-Dichloropropene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Cyclohexane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Dibromochloromethane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Dichlorodifluoromethane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Ethylbenzene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Isopropylbenzene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Methyl acetate	ND		0.21	mg/Kg-dry	1	05/29/13 12:49 PM
Methyl tert-butyl ether	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Methylcyclohexane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Methylene chloride	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Styrene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Tetrachloroethene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Toluene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
trans-1,2-Dichloroethene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
trans-1,3-Dichloropropene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Trichloroethene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Trichlorofluoromethane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Vinyl chloride	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Xylenes, Total	ND		0.096	mg/Kg-dry	1	05/29/13 12:49 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	102		70-130	%REC	1	05/29/13 12:49 PM
<i>Surr: 4-Bromofluorobenzene</i>	102		70-130	%REC	1	05/29/13 12:49 PM
<i>Surr: Dibromofluoromethane</i>	103		70-130	%REC	1	05/29/13 12:49 PM
<i>Surr: Toluene-d8</i>	102		70-130	%REC	1	05/29/13 12:49 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/28/13	Analyst: MB
Chromium, Hexavalent	ND		0.52	mg/Kg-dry	1	05/29/13 12:30 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	3.9		0.050	% of sample	1	05/28/13 02:00 PM
PH			SW9045D			Analyst: CH
pH	8.4			s.u.	1	05/28/13 10:00 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-531-8-10W
Collection Date: 05/22/13 04:05 PM

Work Order: 13051016
Lab ID: 13051016-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/30/13	Analyst: JD
2,4,5-T	ND		0.14	mg/Kg-dry	1	06/03/13 11:33 AM
2,4,5-TP (Silvex)	ND		0.27	mg/Kg-dry	1	06/03/13 11:33 AM
2,4-D	ND		0.14	mg/Kg-dry	1	06/03/13 11:33 AM
Surr: DCAA	118		30-150	%REC	1	06/03/13 11:33 AM
PCBS			SW8082		Prep Date: 05/30/13	Analyst: JD
Aroclor 1016	ND		0.11	mg/Kg-dry	1	05/31/13 03:23 AM
Aroclor 1221	ND		0.11	mg/Kg-dry	1	05/31/13 03:23 AM
Aroclor 1232	ND		0.11	mg/Kg-dry	1	05/31/13 03:23 AM
Aroclor 1242	ND		0.11	mg/Kg-dry	1	05/31/13 03:23 AM
Aroclor 1248	ND		0.11	mg/Kg-dry	1	05/31/13 03:23 AM
Aroclor 1254	2,200		27	mg/Kg-dry	250	06/03/13 01:40 PM
Aroclor 1260	ND		0.11	mg/Kg-dry	1	05/31/13 03:23 AM
Surr: Decachlorobiphenyl	52.1		40-140	%REC	1	05/31/13 03:23 AM
PESTICIDES			SW8081		Prep Date: 05/30/13	Analyst: JD
4,4'-DDD	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
4,4'-DDE	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
4,4'-DDT	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Aldrin	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
alpha-BHC	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
alpha-Chlordane	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
beta-BHC	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Chlordane, Technical	ND		3.4	mg/Kg-dry	50	06/03/13 02:38 PM
delta-BHC	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Dieldrin	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Endosulfan I	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Endosulfan II	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Endosulfan sulfate	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Endrin	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Endrin aldehyde	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Endrin ketone	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
gamma-BHC (Lindane)	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
gamma-Chlordane	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Heptachlor	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Heptachlor epoxide	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Methoxychlor	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Toxaphene	ND		8.2	mg/Kg-dry	50	06/03/13 02:38 PM
Surr: Decachlorobiphenyl	0		45-135	%REC	50	06/03/13 02:38 PM
Surr: Tetrachloro-m-xylene	0		45-124	%REC	50	06/03/13 02:38 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-531-8-10W
Collection Date: 05/22/13 04:05 PM

Work Order: 13051016
Lab ID: 13051016-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 05/29/13	Analyst: LR
Mercury	0.17		0.042	mg/Kg-dry	1	05/30/13 03:23 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Aluminum	13,000		93	mg/Kg-dry	50	06/03/13 01:12 PM
Antimony	6.0		4.6	mg/Kg-dry	5	05/31/13 07:04 PM
Arsenic	13		4.6	mg/Kg-dry	5	05/31/13 07:04 PM
Barium	3,700		46	mg/Kg-dry	50	06/03/13 01:12 PM
Beryllium	ND		1.9	mg/Kg-dry	5	05/31/13 07:04 PM
Boron	5,200		190	mg/Kg-dry	50	06/03/13 01:12 PM
Cadmium	5.0		1.9	mg/Kg-dry	5	05/31/13 07:04 PM
Calcium	43,000		460	mg/Kg-dry	5	05/31/13 07:04 PM
Chromium	770		4.6	mg/Kg-dry	5	05/31/13 07:04 PM
Cobalt	410		4.6	mg/Kg-dry	5	05/31/13 07:04 PM
Copper	170		4.6	mg/Kg-dry	5	05/31/13 07:04 PM
Iron	59,000		74	mg/Kg-dry	5	05/31/13 07:04 PM
Lead	270		4.6	mg/Kg-dry	5	05/31/13 07:04 PM
Magnesium	16,000		190	mg/Kg-dry	5	05/31/13 07:04 PM
Manganese	1,100		4.6	mg/Kg-dry	5	05/31/13 07:04 PM
Nickel	1,800		46	mg/Kg-dry	50	06/03/13 01:12 PM
Potassium	6,100		190	mg/Kg-dry	5	05/31/13 07:04 PM
Selenium	ND		4.6	mg/Kg-dry	5	05/31/13 07:04 PM
Silver	ND		4.6	mg/Kg-dry	5	05/31/13 07:04 PM
Sodium	7,900		190	mg/Kg-dry	5	05/31/13 07:04 PM
Thallium	ND		4.6	mg/Kg-dry	5	05/31/13 07:04 PM
Vanadium	31		4.6	mg/Kg-dry	5	05/31/13 07:04 PM
Zinc	5,400		93	mg/Kg-dry	50	06/03/13 01:12 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,1'-Biphenyl	1.3		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
2,4,5-Trichlorophenol	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
2,4,6-Trichlorophenol	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
2,4-Dichlorophenol	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
2,4-Dimethylphenol	ND		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
2,4-Dinitrophenol	ND		1.8	mg/Kg-dry	1	05/30/13 10:33 PM
2,4-Dinitrotoluene	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
2,6-Dinitrotoluene	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
2-Chloronaphthalene	ND		0.22	mg/Kg-dry	1	05/30/13 10:33 PM
2-Chlorophenol	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
2-Methylnaphthalene	4.2		0.87	mg/Kg-dry	4	05/31/13 04:53 PM
2-Methylphenol	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-531-8-10W

Lab ID: 13051016-03

Collection Date: 05/22/13 04:05 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		1.8	mg/Kg-dry	1	05/30/13 10:33 PM
2-Nitrophenol	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
3,3'-Dichlorobenzidine	ND		1.8	mg/Kg-dry	1	05/30/13 10:33 PM
3-Nitroaniline	ND		1.8	mg/Kg-dry	1	05/30/13 10:33 PM
4,6-Dinitro-2-methylphenol	ND		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
4-Bromophenyl phenyl ether	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
4-Chloro-3-methylphenol	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
4-Chloroaniline	ND		1.8	mg/Kg-dry	1	05/30/13 10:33 PM
4-Chlorophenyl phenyl ether	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
4-Methylphenol	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
4-Nitroaniline	ND		1.8	mg/Kg-dry	1	05/30/13 10:33 PM
4-Nitrophenol	ND		1.8	mg/Kg-dry	1	05/30/13 10:33 PM
Acenaphthene	ND		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Acenaphthylene	ND		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Acetophenone	ND		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
Anthracene	0.22		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Atrazine	ND		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
Benzaldehyde	ND		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
Benzo(a)anthracene	ND		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Benzo(a)pyrene	ND		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Benzo(b)fluoranthene	ND		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Benzo(g,h,i)perylene	ND		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Benzo(k)fluoranthene	ND		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Bis(2-chloroethoxy)methane	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
Bis(2-chloroethyl)ether	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
Bis(2-chloroisopropyl)ether	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
Bis(2-ethylhexyl)phthalate	2.4		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
Butyl benzyl phthalate	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
Caprolactam	ND		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
Carbazole	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
Chrysene	ND		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Dibenzo(a,h)anthracene	ND		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Dibenzofuran	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
Diethyl phthalate	ND		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
Dimethyl phthalate	ND		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
Di-n-butyl phthalate	ND		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
Di-n-octyl phthalate	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
Fluoranthene	ND		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Fluorene	0.32		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Hexachlorobenzene	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-531-8-10W
Collection Date: 05/22/13 04:05 PM

Work Order: 13051016
Lab ID: 13051016-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
Hexachlorocyclopentadiene	ND		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
Hexachloroethane	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
Indeno(1,2,3-cd)pyrene	ND		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Isophorone	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
Naphthalene	1.7		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Nitrobenzene	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
N-Nitrosodi-n-propylamine	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
N-Nitrosodiphenylamine	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
Pentachlorophenol	ND		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
Phenanthrene	2.7		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Phenol	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
Pyrene	ND		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Surr: 2,4,6-Tribromophenol	55.4		34-140	%REC	1	05/30/13 10:33 PM
Surr: 2-Fluorobiphenyl	74.4		12-100	%REC	1	05/30/13 10:33 PM
Surr: 2-Fluorophenol	54.9		33-117	%REC	1	05/30/13 10:33 PM
Surr: 4-Terphenyl-d14	137	S	25-137	%REC	4	05/31/13 04:53 PM
Surr: 4-Terphenyl-d14	81.6		25-137	%REC	1	05/30/13 10:33 PM
Surr: Nitrobenzene-d5	112	S	37-107	%REC	1	05/30/13 10:33 PM
Surr: Phenol-d6	49.7		40-106	%REC	1	05/30/13 10:33 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Prep Date: 05/28/13

Analyst: RS

1,1,1-Trichloroethane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,1,2,2-Tetrachloroethane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,1,2-Trichloroethane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,1,2-Trichlorotrifluoroethane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,1-Dichloroethane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,1-Dichloroethene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,2,4-Trichlorobenzene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,2-Dibromo-3-chloropropane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,2-Dibromoethane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,2-Dichlorobenzene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,2-Dichloroethane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,2-Dichloropropane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,3-Dichlorobenzene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,4-Dichlorobenzene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
2-Butanone	ND		0.67	mg/Kg-dry	1	05/29/13 01:11 AM
2-Hexanone	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
4-Methyl-2-pentanone	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Acetone	ND		0.34	mg/Kg-dry	1	05/29/13 01:11 AM
Benzene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-531-8-10W
Collection Date: 05/22/13 04:05 PM

Work Order: 13051016
Lab ID: 13051016-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromodichloromethane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Bromoform	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Bromomethane	ND		0.25	mg/Kg-dry	1	05/29/13 01:11 AM
Carbon disulfide	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Carbon tetrachloride	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Chlorobenzene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Chloroethane	ND		0.34	mg/Kg-dry	1	05/29/13 01:11 AM
Chloroform	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Chloromethane	ND		0.34	mg/Kg-dry	1	05/29/13 01:11 AM
cis-1,2-Dichloroethene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
cis-1,3-Dichloropropene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Cyclohexane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Dibromochloromethane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Dichlorodifluoromethane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Ethylbenzene	0.16		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Isopropylbenzene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Methyl acetate	0.78		0.67	mg/Kg-dry	1	05/29/13 01:11 AM
Methyl tert-butyl ether	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Methylcyclohexane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Methylene chloride	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Styrene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Tetrachloroethene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Toluene	2.1		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
trans-1,2-Dichloroethene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
trans-1,3-Dichloropropene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Trichloroethene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Trichlorofluoromethane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Vinyl chloride	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Xylenes, Total	1.5		0.30	mg/Kg-dry	1	05/29/13 01:11 AM
Surr: 1,2-Dichloroethane-d4	104		70-130	%REC	1	05/29/13 01:11 AM
Surr: 4-Bromofluorobenzene	104		70-130	%REC	1	05/29/13 01:11 AM
Surr: Dibromofluoromethane	98.8		70-130	%REC	1	05/29/13 01:11 AM
Surr: Toluene-d8	99.4		70-130	%REC	1	05/29/13 01:11 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/28/13	Analyst: MB
Chromium, Hexavalent	ND		1.4	mg/Kg-dry	1	05/29/13 12:30 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	64		0.050	% of sample	1	05/28/13 02:00 PM
PH			SW9045D			Analyst: CH
pH	8.4			s.u.	1	05/28/13 10:00 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-526-0-2W

Lab ID: 13051016-04

Collection Date: 05/22/13 08:45 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/30/13	Analyst: JD
2,4,5-T	ND		0.055	mg/Kg-dry	1	06/03/13 11:49 AM
2,4,5-TP (Silvex)	ND		0.11	mg/Kg-dry	1	06/03/13 11:49 AM
2,4-D	ND		0.055	mg/Kg-dry	1	06/03/13 11:49 AM
Surr: DCAA	109		30-150	%REC	1	06/03/13 11:49 AM
PCBS			SW8082		Prep Date: 05/30/13	Analyst: JD
Aroclor 1016	ND		0.044	mg/Kg-dry	1	05/31/13 03:43 AM
Aroclor 1221	ND		0.044	mg/Kg-dry	1	05/31/13 03:43 AM
Aroclor 1232	ND		0.044	mg/Kg-dry	1	05/31/13 03:43 AM
Aroclor 1242	ND		0.044	mg/Kg-dry	1	05/31/13 03:43 AM
Aroclor 1248	ND		0.044	mg/Kg-dry	1	05/31/13 03:43 AM
Aroclor 1254	0.40		0.044	mg/Kg-dry	1	05/31/13 03:43 AM
Aroclor 1260	ND		0.044	mg/Kg-dry	1	05/31/13 03:43 AM
Surr: Decachlorobiphenyl	62.1		40-140	%REC	1	05/31/13 03:43 AM
PESTICIDES			SW8081		Prep Date: 05/30/13	Analyst: JD
4,4'-DDD	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
4,4'-DDE	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
4,4'-DDT	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Aldrin	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
alpha-BHC	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
alpha-Chlordane	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
beta-BHC	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Chlordane, Technical	ND		0.14	mg/Kg-dry	5	06/03/13 02:54 PM
delta-BHC	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Dieldrin	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Endosulfan I	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Endosulfan II	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Endosulfan sulfate	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Endrin	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Endrin aldehyde	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Endrin ketone	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
gamma-BHC (Lindane)	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
gamma-Chlordane	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Heptachlor	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Heptachlor epoxide	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Methoxychlor	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Toxaphene	ND		0.33	mg/Kg-dry	5	06/03/13 02:54 PM
Surr: Decachlorobiphenyl	75.1		45-135	%REC	5	06/03/13 02:54 PM
Surr: Tetrachloro-m-xylene	95.1		45-124	%REC	5	06/03/13 02:54 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-526-0-2W

Lab ID: 13051016-04

Collection Date: 05/22/13 08:45 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 05/29/13	Analyst: LR
Mercury	0.022		0.017	mg/Kg-dry	1	05/30/13 03:25 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Aluminum	7,100		3.8	mg/Kg-dry	5	06/03/13 01:17 PM
Antimony	ND		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Arsenic	5.1		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Barium	43		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Beryllium	ND		0.76	mg/Kg-dry	5	05/31/13 07:28 PM
Boron	16		7.6	mg/Kg-dry	5	06/03/13 01:17 PM
Cadmium	ND		0.76	mg/Kg-dry	5	05/31/13 07:28 PM
Calcium	28,000		190	mg/Kg-dry	5	05/31/13 07:28 PM
Chromium	11		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Cobalt	5.7		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Copper	12		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Iron	12,000		30	mg/Kg-dry	5	05/31/13 07:28 PM
Lead	9.3		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Magnesium	9,100		76	mg/Kg-dry	5	05/31/13 07:28 PM
Manganese	210		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Nickel	17		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Potassium	990		76	mg/Kg-dry	5	05/31/13 07:28 PM
Selenium	ND		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Silver	ND		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Sodium	ND		76	mg/Kg-dry	5	06/03/13 01:17 PM
Thallium	ND		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Vanadium	15		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Zinc	49		3.8	mg/Kg-dry	5	05/31/13 07:28 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,1'-Biphenyl	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
2,4-Dimethylphenol	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
2,4-Dinitrophenol	ND		0.73	mg/Kg-dry	1	05/30/13 10:56 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
2-Chloronaphthalene	ND		0.088	mg/Kg-dry	1	05/30/13 10:56 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
2-Methylnaphthalene	ND		0.088	mg/Kg-dry	1	05/30/13 10:56 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-526-0-2W

Lab ID: 13051016-04

Collection Date: 05/22/13 08:45 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.73	mg/Kg-dry	1	05/30/13 10:56 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
3,3'-Dichlorobenzidine	ND		0.73	mg/Kg-dry	1	05/30/13 10:56 PM
3-Nitroaniline	ND		0.73	mg/Kg-dry	1	05/30/13 10:56 PM
4,6-Dinitro-2-methylphenol	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
4-Chloroaniline	ND		0.73	mg/Kg-dry	1	05/30/13 10:56 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
4-Nitroaniline	ND		0.73	mg/Kg-dry	1	05/30/13 10:56 PM
4-Nitrophenol	ND		0.73	mg/Kg-dry	1	05/30/13 10:56 PM
Acenaphthene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Acenaphthylene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Acetophenone	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
Anthracene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Atrazine	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
Benzaldehyde	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
Benzo(a)anthracene	0.036		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Benzo(a)pyrene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Benzo(b)fluoranthene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Benzo(g,h,i)perylene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Benzo(k)fluoranthene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
Bis(2-ethylhexyl)phthalate	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
Caprolactam	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
Carbazole	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
Chrysene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Dibenzo(a,h)anthracene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
Diethyl phthalate	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
Dimethyl phthalate	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
Di-n-butyl phthalate	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
Fluoranthene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Fluorene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-526-0-2W

Lab ID: 13051016-04

Collection Date: 05/22/13 08:45 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
Hexachlorocyclopentadiene	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
Indeno(1,2,3-cd)pyrene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Isophorone	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
Naphthalene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
Pentachlorophenol	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
Phenanthrene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Phenol	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
Pyrene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Surr: 2,4,6-Tribromophenol	67.0		34-140	%REC	1	05/30/13 10:56 PM
Surr: 2-Fluorobiphenyl	56.3		12-100	%REC	1	05/30/13 10:56 PM
Surr: 2-Fluorophenol	65.1		33-117	%REC	1	05/30/13 10:56 PM
Surr: 4-Terphenyl-d14	116		25-137	%REC	1	05/30/13 10:56 PM
Surr: Nitrobenzene-d5	48.1		37-107	%REC	1	05/30/13 10:56 PM
Surr: Phenol-d6	60.3		40-106	%REC	1	05/30/13 10:56 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Prep Date: 05/28/13

Analyst: RS

1,1,1-Trichloroethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,1,2,2-Tetrachloroethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,1,2-Trichloroethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,1,2-Trichlorotrifluoroethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,1-Dichloroethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,1-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,2,4-Trichlorobenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,2-Dibromo-3-chloropropane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,2-Dibromoethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,2-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,2-Dichloroethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,2-Dichloropropane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,3-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,4-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
2-Butanone	ND		0.23	mg/Kg-dry	1	05/29/13 01:33 AM
2-Hexanone	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
4-Methyl-2-pentanone	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Acetone	ND		0.11	mg/Kg-dry	1	05/29/13 01:33 AM
Benzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Bromodichloromethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-526-0-2W

Lab ID: 13051016-04

Collection Date: 05/22/13 08:45 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Bromomethane	ND		0.086	mg/Kg-dry	1	05/29/13 01:33 AM
Carbon disulfide	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Carbon tetrachloride	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Chlorobenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Chloroethane	ND		0.11	mg/Kg-dry	1	05/29/13 01:33 AM
Chloroform	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Chloromethane	ND		0.11	mg/Kg-dry	1	05/29/13 01:33 AM
cis-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
cis-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Cyclohexane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Dibromochloromethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Dichlorodifluoromethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Ethylbenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Isopropylbenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Methyl acetate	0.34		0.23	mg/Kg-dry	1	05/29/13 01:33 AM
Methyl tert-butyl ether	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Methylcyclohexane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Methylene chloride	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Styrene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Tetrachloroethene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Toluene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
trans-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
trans-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Trichloroethene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Trichlorofluoromethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Vinyl chloride	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Xylenes, Total	ND		0.10	mg/Kg-dry	1	05/29/13 01:33 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	103		70-130	%REC	1	05/29/13 01:33 AM
<i>Surr: 4-Bromofluorobenzene</i>	102		70-130	%REC	1	05/29/13 01:33 AM
<i>Surr: Dibromofluoromethane</i>	98.2		70-130	%REC	1	05/29/13 01:33 AM
<i>Surr: Toluene-d8</i>	99.8		70-130	%REC	1	05/29/13 01:33 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/28/13	Analyst: MB
Chromium, Hexavalent	ND		0.55	mg/Kg-dry	1	05/29/13 12:30 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	11		0.050	% of sample	1	05/28/13 02:00 PM
PH			SW9045D			Analyst: CH
pH	8.3			s.u.	1	05/28/13 10:00 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-525-0-2W
Collection Date: 05/22/13 01:35 PM

Work Order: 13051016
Lab ID: 13051016-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/30/13	Analyst: JD
2,4,5-T	ND		0.056	mg/Kg-dry	1	06/03/13 12:04 PM
2,4,5-TP (Silvex)	ND		0.11	mg/Kg-dry	1	06/03/13 12:04 PM
2,4-D	ND		0.056	mg/Kg-dry	1	06/03/13 12:04 PM
Surr: DCAA	106		30-150	%REC	1	06/03/13 12:04 PM
PCBS			SW8082		Prep Date: 05/30/13	Analyst: JD
Aroclor 1016	ND		0.043	mg/Kg-dry	1	05/31/13 04:04 AM
Aroclor 1221	ND		0.043	mg/Kg-dry	1	05/31/13 04:04 AM
Aroclor 1232	ND		0.043	mg/Kg-dry	1	05/31/13 04:04 AM
Aroclor 1242	ND		0.043	mg/Kg-dry	1	05/31/13 04:04 AM
Aroclor 1248	ND		0.043	mg/Kg-dry	1	05/31/13 04:04 AM
Aroclor 1254	0.090		0.043	mg/Kg-dry	1	05/31/13 04:04 AM
Aroclor 1260	ND		0.043	mg/Kg-dry	1	05/31/13 04:04 AM
Surr: Decachlorobiphenyl	73.1		40-140	%REC	1	05/31/13 04:04 AM
PESTICIDES			SW8081		Prep Date: 05/30/13	Analyst: JD
4,4'-DDD	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
4,4'-DDE	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
4,4'-DDT	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Aldrin	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
alpha-BHC	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
alpha-Chlordane	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
beta-BHC	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Chlordane, Technical	ND		0.027	mg/Kg-dry	1	06/03/13 03:10 PM
delta-BHC	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Dieldrin	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Endosulfan I	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Endosulfan II	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Endosulfan sulfate	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Endrin	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Endrin aldehyde	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Endrin ketone	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
gamma-BHC (Lindane)	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
gamma-Chlordane	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Heptachlor	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Heptachlor epoxide	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Methoxychlor	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Toxaphene	ND		0.065	mg/Kg-dry	1	06/03/13 03:10 PM
Surr: Decachlorobiphenyl	84.1		45-135	%REC	1	06/03/13 03:10 PM
Surr: Tetrachloro-m-xylene	88.1		45-124	%REC	1	06/03/13 03:10 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-525-0-2W
Collection Date: 05/22/13 01:35 PM

Work Order: 13051016
Lab ID: 13051016-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 05/29/13	Analyst: LR
Mercury	0.021		0.017	mg/Kg-dry	1	05/30/13 03:27 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Aluminum	4,300		4.0	mg/Kg-dry	5	06/03/13 01:23 PM
Antimony	ND		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Arsenic	4.2		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Barium	13		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Beryllium	ND		0.80	mg/Kg-dry	5	05/31/13 07:34 PM
Boron	ND		8.0	mg/Kg-dry	5	06/03/13 01:23 PM
Cadmium	ND		0.80	mg/Kg-dry	5	05/31/13 07:34 PM
Calcium	720		200	mg/Kg-dry	5	05/31/13 07:34 PM
Chromium	5.5		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Cobalt	4.8		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Copper	10		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Iron	9,400		32	mg/Kg-dry	5	05/31/13 07:34 PM
Lead	4.9		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Magnesium	1,100		80	mg/Kg-dry	5	05/31/13 07:34 PM
Manganese	220		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Nickel	11		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Potassium	580		80	mg/Kg-dry	5	05/31/13 07:34 PM
Selenium	ND		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Silver	ND		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Sodium	ND		80	mg/Kg-dry	5	06/03/13 01:23 PM
Thallium	ND		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Vanadium	9.9		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Zinc	27		4.0	mg/Kg-dry	5	05/31/13 07:34 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,1'-Biphenyl	ND		0.36	mg/Kg-dry	1	05/30/13 11:18 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
2,4-Dimethylphenol	ND		0.36	mg/Kg-dry	1	05/30/13 11:18 PM
2,4-Dinitrophenol	ND		0.73	mg/Kg-dry	1	05/30/13 11:18 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
2-Chloronaphthalene	ND		0.088	mg/Kg-dry	1	05/30/13 11:18 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
2-Methylnaphthalene	ND		0.088	mg/Kg-dry	1	05/30/13 11:18 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-525-0-2W

Lab ID: 13051016-05

Collection Date: 05/22/13 01:35 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.73	mg/Kg-dry	1	05/30/13 11:18 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
3,3'-Dichlorobenzidine	ND		7.3	mg/Kg-dry	10	05/31/13 05:25 PM
3-Nitroaniline	ND		0.73	mg/Kg-dry	1	05/30/13 11:18 PM
4,6-Dinitro-2-methylphenol	ND		0.36	mg/Kg-dry	1	05/30/13 11:18 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
4-Chloroaniline	ND		0.73	mg/Kg-dry	1	05/30/13 11:18 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
4-Nitroaniline	ND		0.73	mg/Kg-dry	1	05/30/13 11:18 PM
4-Nitrophenol	ND		0.73	mg/Kg-dry	1	05/30/13 11:18 PM
Acenaphthene	ND		0.033	mg/Kg-dry	1	05/30/13 11:18 PM
Acenaphthylene	ND		0.033	mg/Kg-dry	1	05/30/13 11:18 PM
Acetophenone	ND		0.36	mg/Kg-dry	1	05/30/13 11:18 PM
Anthracene	ND		0.033	mg/Kg-dry	1	05/30/13 11:18 PM
Atrazine	ND		0.36	mg/Kg-dry	1	05/30/13 11:18 PM
Benzaldehyde	ND		0.36	mg/Kg-dry	1	05/30/13 11:18 PM
Benzo(a)anthracene	ND		0.33	mg/Kg-dry	10	05/31/13 05:25 PM
Benzo(a)pyrene	ND		0.33	mg/Kg-dry	10	05/31/13 05:25 PM
Benzo(b)fluoranthene	ND		0.33	mg/Kg-dry	10	05/31/13 05:25 PM
Benzo(g,h,i)perylene	ND		0.33	mg/Kg-dry	10	05/31/13 05:25 PM
Benzo(k)fluoranthene	ND		0.33	mg/Kg-dry	10	05/31/13 05:25 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
Bis(2-ethylhexyl)phthalate	ND		3.6	mg/Kg-dry	10	05/31/13 05:25 PM
Butyl benzyl phthalate	ND		1.8	mg/Kg-dry	10	05/31/13 05:25 PM
Caprolactam	ND		0.36	mg/Kg-dry	1	05/30/13 11:18 PM
Carbazole	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
Chrysene	ND		0.33	mg/Kg-dry	10	05/31/13 05:25 PM
Dibenzo(a,h)anthracene	ND		0.33	mg/Kg-dry	10	05/31/13 05:25 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
Diethyl phthalate	ND		0.36	mg/Kg-dry	1	05/30/13 11:18 PM
Dimethyl phthalate	ND		0.36	mg/Kg-dry	1	05/30/13 11:18 PM
Di-n-butyl phthalate	ND		0.36	mg/Kg-dry	1	05/30/13 11:18 PM
Di-n-octyl phthalate	ND		1.8	mg/Kg-dry	10	05/31/13 05:25 PM
Fluoranthene	ND		0.033	mg/Kg-dry	1	05/30/13 11:18 PM
Fluorene	ND		0.033	mg/Kg-dry	1	05/30/13 11:18 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-525-0-2W

Lab ID: 13051016-05

Collection Date: 05/22/13 01:35 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
Hexachlorocyclopentadiene	ND		0.36	mg/Kg-dry	1	05/30/13 11:18 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
Indeno(1,2,3-cd)pyrene	ND		0.33	mg/Kg-dry	10	05/31/13 05:25 PM
Isophorone	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
Naphthalene	ND		0.033	mg/Kg-dry	1	05/30/13 11:18 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
Pentachlorophenol	ND		0.36	mg/Kg-dry	1	05/30/13 11:18 PM
Phenanthrene	ND		0.033	mg/Kg-dry	1	05/30/13 11:18 PM
Phenol	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
Pyrene	ND		0.33	mg/Kg-dry	10	05/31/13 05:25 PM
Surr: 2,4,6-Tribromophenol	71.6		34-140	%REC	1	05/30/13 11:18 PM
Surr: 2-Fluorobiphenyl	75.3		12-100	%REC	1	05/30/13 11:18 PM
Surr: 2-Fluorophenol	76.0		33-117	%REC	1	05/30/13 11:18 PM
Surr: 4-Terphenyl-d14	98.4		25-137	%REC	10	05/31/13 05:25 PM
Surr: Nitrobenzene-d5	63.3		37-107	%REC	1	05/30/13 11:18 PM
Surr: Phenol-d6	66.9		40-106	%REC	1	05/30/13 11:18 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Prep Date: 05/28/13

Analyst: RS

1,1,1-Trichloroethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,1,2,2-Tetrachloroethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,1,2-Trichloroethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,1,2-Trichlorotrifluoroethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,1-Dichloroethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,1-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,2,4-Trichlorobenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,2-Dibromo-3-chloropropane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,2-Dibromoethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,2-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,2-Dichloroethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,2-Dichloropropane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,3-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,4-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
2-Butanone	ND		0.23	mg/Kg-dry	1	05/29/13 01:54 AM
2-Hexanone	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
4-Methyl-2-pentanone	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Acetone	ND		0.11	mg/Kg-dry	1	05/29/13 01:54 AM
Benzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Bromodichloromethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-525-0-2W

Lab ID: 13051016-05

Collection Date: 05/22/13 01:35 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Bromomethane	ND		0.085	mg/Kg-dry	1	05/29/13 01:54 AM
Carbon disulfide	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Carbon tetrachloride	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Chlorobenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Chloroethane	ND		0.11	mg/Kg-dry	1	05/29/13 01:54 AM
Chloroform	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Chloromethane	ND		0.11	mg/Kg-dry	1	05/29/13 01:54 AM
cis-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
cis-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Cyclohexane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Dibromochloromethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Dichlorodifluoromethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Ethylbenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Isopropylbenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Methyl acetate	ND		0.23	mg/Kg-dry	1	05/29/13 01:54 AM
Methyl tert-butyl ether	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Methylcyclohexane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Methylene chloride	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Styrene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Tetrachloroethene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Toluene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
trans-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
trans-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Trichloroethene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Trichlorofluoromethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Vinyl chloride	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Xylenes, Total	ND		0.10	mg/Kg-dry	1	05/29/13 01:54 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	105		70-130	%REC	1	05/29/13 01:54 AM
<i>Surr: 4-Bromofluorobenzene</i>	102		70-130	%REC	1	05/29/13 01:54 AM
<i>Surr: Dibromofluoromethane</i>	98.2		70-130	%REC	1	05/29/13 01:54 AM
<i>Surr: Toluene-d8</i>	100		70-130	%REC	1	05/29/13 01:54 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/28/13	Analyst: MB
Chromium, Hexavalent	ND		0.56	mg/Kg-dry	1	05/29/13 12:30 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	11		0.050	% of sample	1	05/28/13 02:00 PM
PH			SW9045D			Analyst: CH
pH	8.5			s.u.	1	05/28/13 10:00 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-545-8-10W
Collection Date: 05/23/13 10:00 AM

Work Order: 13051016
Lab ID: 13051016-06
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/30/13	Analyst: JD
2,4,5-T	ND		0.065	mg/Kg-dry	1	06/03/13 12:20 PM
2,4,5-TP (Silvex)	ND		0.13	mg/Kg-dry	1	06/03/13 12:20 PM
2,4-D	ND		0.065	mg/Kg-dry	1	06/03/13 12:20 PM
Surr: DCAA	117		30-150	%REC	1	06/03/13 12:20 PM
PCBS			SW8082		Prep Date: 05/30/13	Analyst: JD
Aroclor 1016	ND		0.050	mg/Kg-dry	1	05/31/13 04:24 AM
Aroclor 1221	ND		0.050	mg/Kg-dry	1	05/31/13 04:24 AM
Aroclor 1232	ND		0.050	mg/Kg-dry	1	05/31/13 04:24 AM
Aroclor 1242	ND		0.050	mg/Kg-dry	1	05/31/13 04:24 AM
Aroclor 1248	ND		0.050	mg/Kg-dry	1	05/31/13 04:24 AM
Aroclor 1254	ND		0.050	mg/Kg-dry	1	05/31/13 04:24 AM
Aroclor 1260	ND		0.050	mg/Kg-dry	1	05/31/13 04:24 AM
Surr: Decachlorobiphenyl	66.1		40-140	%REC	1	05/31/13 04:24 AM
PESTICIDES			SW8081		Prep Date: 05/30/13	Analyst: JD
4,4'-DDD	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
4,4'-DDE	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
4,4'-DDT	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Aldrin	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
alpha-BHC	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
alpha-Chlordane	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
beta-BHC	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Chlordane, Technical	ND		0.16	mg/Kg-dry	5	06/03/13 03:25 PM
delta-BHC	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Dieldrin	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Endosulfan I	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Endosulfan II	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Endosulfan sulfate	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Endrin	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Endrin aldehyde	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Endrin ketone	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
gamma-BHC (Lindane)	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
gamma-Chlordane	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Heptachlor	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Heptachlor epoxide	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Methoxychlor	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Toxaphene	ND		0.38	mg/Kg-dry	5	06/03/13 03:25 PM
Surr: Decachlorobiphenyl	70.1		45-135	%REC	5	06/03/13 03:25 PM
Surr: Tetrachloro-m-xylene	85.1		45-124	%REC	5	06/03/13 03:25 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-545-8-10W
Collection Date: 05/23/13 10:00 AM

Work Order: 13051016
Lab ID: 13051016-06
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 05/29/13	Analyst: LR
Mercury	0.063		0.020	mg/Kg-dry	1	05/30/13 03:29 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Aluminum	11,000		5.2	mg/Kg-dry	5	06/03/13 01:28 PM
Antimony	ND		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Arsenic	8.8		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Barium	77		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Beryllium	ND		1.0	mg/Kg-dry	5	05/31/13 07:40 PM
Boron	32		10	mg/Kg-dry	5	06/03/13 01:28 PM
Cadmium	ND		1.0	mg/Kg-dry	5	05/31/13 07:40 PM
Calcium	6,800		260	mg/Kg-dry	5	05/31/13 07:40 PM
Chromium	16		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Cobalt	12		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Copper	22		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Iron	25,000		42	mg/Kg-dry	5	05/31/13 07:40 PM
Lead	14		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Magnesium	4,000		100	mg/Kg-dry	5	05/31/13 07:40 PM
Manganese	290		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Nickel	26		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Potassium	1,600		100	mg/Kg-dry	5	05/31/13 07:40 PM
Selenium	ND		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Silver	ND		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Sodium	130		100	mg/Kg-dry	5	06/03/13 01:28 PM
Thallium	ND		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Vanadium	24		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Zinc	73		5.2	mg/Kg-dry	5	05/31/13 07:40 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,1'-Biphenyl	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
2,4,5-Trichlorophenol	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
2,4,6-Trichlorophenol	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
2,4-Dichlorophenol	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
2,4-Dimethylphenol	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
2,4-Dinitrophenol	ND		0.85	mg/Kg-dry	1	05/30/13 11:40 PM
2,4-Dinitrotoluene	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
2,6-Dinitrotoluene	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
2-Chloronaphthalene	ND		0.10	mg/Kg-dry	1	05/30/13 11:40 PM
2-Chlorophenol	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
2-Methylnaphthalene	ND		0.10	mg/Kg-dry	1	05/30/13 11:40 PM
2-Methylphenol	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-545-8-10W

Lab ID: 13051016-06

Collection Date: 05/23/13 10:00 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.85	mg/Kg-dry	1	05/30/13 11:40 PM
2-Nitrophenol	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
3,3'-Dichlorobenzidine	ND		0.85	mg/Kg-dry	1	05/30/13 11:40 PM
3-Nitroaniline	ND		0.85	mg/Kg-dry	1	05/30/13 11:40 PM
4,6-Dinitro-2-methylphenol	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
4-Bromophenyl phenyl ether	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
4-Chloro-3-methylphenol	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
4-Chloroaniline	ND		0.85	mg/Kg-dry	1	05/30/13 11:40 PM
4-Chlorophenyl phenyl ether	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
4-Methylphenol	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
4-Nitroaniline	ND		0.85	mg/Kg-dry	1	05/30/13 11:40 PM
4-Nitrophenol	ND		0.85	mg/Kg-dry	1	05/30/13 11:40 PM
Acenaphthene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Acenaphthylene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Acetophenone	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
Anthracene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Atrazine	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
Benzaldehyde	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
Benzo(a)anthracene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Benzo(a)pyrene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Benzo(b)fluoranthene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Benzo(g,h,i)perylene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Benzo(k)fluoranthene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Bis(2-chloroethoxy)methane	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
Bis(2-chloroethyl)ether	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
Bis(2-chloroisopropyl)ether	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
Bis(2-ethylhexyl)phthalate	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
Butyl benzyl phthalate	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
Caprolactam	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
Carbazole	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
Chrysene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Dibenzo(a,h)anthracene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Dibenzofuran	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
Diethyl phthalate	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
Dimethyl phthalate	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
Di-n-butyl phthalate	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
Di-n-octyl phthalate	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
Fluoranthene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Fluorene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Hexachlorobenzene	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-545-8-10W
Collection Date: 05/23/13 10:00 AM

Work Order: 13051016
Lab ID: 13051016-06
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
Hexachlorocyclopentadiene	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
Hexachloroethane	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
Indeno(1,2,3-cd)pyrene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Isophorone	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
Naphthalene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Nitrobenzene	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
N-Nitrosodi-n-propylamine	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
N-Nitrosodiphenylamine	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
Pentachlorophenol	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
Phenanthrene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Phenol	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
Pyrene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Surr: 2,4,6-Tribromophenol	67.7		34-140	%REC	1	05/30/13 11:40 PM
Surr: 2-Fluorobiphenyl	60.6		12-100	%REC	1	05/30/13 11:40 PM
Surr: 2-Fluorophenol	67.2		33-117	%REC	1	05/30/13 11:40 PM
Surr: 4-Terphenyl-d14	122		25-137	%REC	1	05/30/13 11:40 PM
Surr: Nitrobenzene-d5	50.1		37-107	%REC	1	05/30/13 11:40 PM
Surr: Phenol-d6	64.0		40-106	%REC	1	05/30/13 11:40 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Prep Date: 05/28/13

Analyst: RS

1,1,1-Trichloroethane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,1,2,2-Tetrachloroethane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,1,2-Trichloroethane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,1,2-Trichlorotrifluoroethane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,1-Dichloroethane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,1-Dichloroethene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,2,4-Trichlorobenzene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,2-Dibromo-3-chloropropane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,2-Dibromoethane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,2-Dichlorobenzene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,2-Dichloroethane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,2-Dichloropropane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,3-Dichlorobenzene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,4-Dichlorobenzene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
2-Butanone	ND		0.26	mg/Kg-dry	1	05/29/13 02:16 AM
2-Hexanone	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
4-Methyl-2-pentanone	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Acetone	ND		0.13	mg/Kg-dry	1	05/29/13 02:16 AM
Benzene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Bromodichloromethane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-545-8-10W

Lab ID: 13051016-06

Collection Date: 05/23/13 10:00 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Bromomethane	ND		0.098	mg/Kg-dry	1	05/29/13 02:16 AM
Carbon disulfide	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Carbon tetrachloride	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Chlorobenzene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Chloroethane	ND		0.13	mg/Kg-dry	1	05/29/13 02:16 AM
Chloroform	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Chloromethane	ND		0.13	mg/Kg-dry	1	05/29/13 02:16 AM
cis-1,2-Dichloroethene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
cis-1,3-Dichloropropene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Cyclohexane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Dibromochloromethane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Dichlorodifluoromethane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Ethylbenzene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Isopropylbenzene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Methyl acetate	ND		0.26	mg/Kg-dry	1	05/29/13 02:16 AM
Methyl tert-butyl ether	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Methylcyclohexane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Methylene chloride	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Styrene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Tetrachloroethene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Toluene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
trans-1,2-Dichloroethene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
trans-1,3-Dichloropropene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Trichloroethene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Trichlorofluoromethane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Vinyl chloride	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Xylenes, Total	ND		0.12	mg/Kg-dry	1	05/29/13 02:16 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	104		70-130	%REC	1	05/29/13 02:16 AM
<i>Surr: 4-Bromofluorobenzene</i>	102		70-130	%REC	1	05/29/13 02:16 AM
<i>Surr: Dibromofluoromethane</i>	100		70-130	%REC	1	05/29/13 02:16 AM
<i>Surr: Toluene-d8</i>	102		70-130	%REC	1	05/29/13 02:16 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/28/13	Analyst: MB
Chromium, Hexavalent	ND		0.65	mg/Kg-dry	1	05/29/13 12:30 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	24		0.050	% of sample	1	05/28/13 02:00 PM
PH			SW9045D			Analyst: CH
pH	7.6			s.u.	1	05/28/13 10:00 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: Trip-03
Collection Date: 05/23/13

Work Order: 13051016
Lab ID: 13051016-07
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260		Prep Date: 05/28/13	Analyst: RS
1,1,1-Trichloroethane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,1,2,2-Tetrachloroethane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,1,2-Trichloroethane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,1,2-Trichlorotrifluoroethane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,1-Dichloroethane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,1-Dichloroethene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,2,4-Trichlorobenzene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,2-Dibromo-3-chloropropane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,2-Dibromoethane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,2-Dichlorobenzene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,2-Dichloroethane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,2-Dichloropropane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,3-Dichlorobenzene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,4-Dichlorobenzene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
2-Butanone	ND		0.20	mg/Kg	1	05/29/13 02:38 AM
2-Hexanone	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
4-Methyl-2-pentanone	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Acetone	ND		0.10	mg/Kg	1	05/29/13 02:38 AM
Benzene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Bromodichloromethane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Bromoform	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Bromomethane	ND		0.075	mg/Kg	1	05/29/13 02:38 AM
Carbon disulfide	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Carbon tetrachloride	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Chlorobenzene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Chloroethane	ND		0.10	mg/Kg	1	05/29/13 02:38 AM
Chloroform	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Chloromethane	ND		0.10	mg/Kg	1	05/29/13 02:38 AM
cis-1,2-Dichloroethene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
cis-1,3-Dichloropropene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Cyclohexane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Dibromochloromethane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Dichlorodifluoromethane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Ethylbenzene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Isopropylbenzene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Methyl acetate	ND		0.20	mg/Kg	1	05/29/13 02:38 AM
Methyl tert-butyl ether	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Methylcyclohexane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Methylene chloride	ND		0.030	mg/Kg	1	05/29/13 02:38 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: Trip-03
Collection Date: 05/23/13

Work Order: 13051016
Lab ID: 13051016-07
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Tetrachloroethene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Toluene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
trans-1,2-Dichloroethene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
trans-1,3-Dichloropropene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Trichloroethene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Trichlorofluoromethane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Vinyl chloride	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Xylenes, Total	ND		0.090	mg/Kg	1	05/29/13 02:38 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	102		70-130	%REC	1	05/29/13 02:38 AM
<i>Surr: 4-Bromofluorobenzene</i>	101		70-130	%REC	1	05/29/13 02:38 AM
<i>Surr: Dibromofluoromethane</i>	99.0		70-130	%REC	1	05/29/13 02:38 AM
<i>Surr: Toluene-d8</i>	100		70-130	%REC	1	05/29/13 02:38 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-543-5-7W
Collection Date: 05/23/13 02:30 PM

Work Order: 13051016
Lab ID: 13051016-08
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/30/13	Analyst: JD
2,4,5-T	ND		0.063	mg/Kg-dry	1	06/03/13 12:36 PM
2,4,5-TP (Silvex)	ND		0.13	mg/Kg-dry	1	06/03/13 12:36 PM
2,4-D	ND		0.063	mg/Kg-dry	1	06/03/13 12:36 PM
Surr: DCAA	100		30-150	%REC	1	06/03/13 12:36 PM
PCBS			SW8082		Prep Date: 05/30/13	Analyst: JD
Aroclor 1016	ND		0.050	mg/Kg-dry	1	05/31/13 04:44 AM
Aroclor 1221	ND		0.050	mg/Kg-dry	1	05/31/13 04:44 AM
Aroclor 1232	ND		0.050	mg/Kg-dry	1	05/31/13 04:44 AM
Aroclor 1242	ND		0.050	mg/Kg-dry	1	05/31/13 04:44 AM
Aroclor 1248	ND		0.050	mg/Kg-dry	1	05/31/13 04:44 AM
Aroclor 1254	0.16		0.050	mg/Kg-dry	1	05/31/13 04:44 AM
Aroclor 1260	ND		0.050	mg/Kg-dry	1	05/31/13 04:44 AM
Surr: Decachlorobiphenyl	63.1		40-140	%REC	1	05/31/13 04:44 AM
PESTICIDES			SW8081		Prep Date: 05/30/13	Analyst: JD
4,4'-DDD	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
4,4'-DDE	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
4,4'-DDT	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Aldrin	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
alpha-BHC	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
alpha-Chlordane	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
beta-BHC	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Chlordane, Technical	ND		0.032	mg/Kg-dry	1	06/03/13 03:41 PM
delta-BHC	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Dieldrin	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Endosulfan I	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Endosulfan II	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Endosulfan sulfate	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Endrin	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Endrin aldehyde	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Endrin ketone	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
gamma-BHC (Lindane)	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
gamma-Chlordane	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Heptachlor	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Heptachlor epoxide	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Methoxychlor	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Toxaphene	ND		0.076	mg/Kg-dry	1	06/03/13 03:41 PM
Surr: Decachlorobiphenyl	85.1		45-135	%REC	1	06/03/13 03:41 PM
Surr: Tetrachloro-m-xylene	92.1		45-124	%REC	1	06/03/13 03:41 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-543-5-7W
Collection Date: 05/23/13 02:30 PM

Work Order: 13051016
Lab ID: 13051016-08
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 05/29/13	Analyst: LR
Mercury	0.046		0.020	mg/Kg-dry	1	05/30/13 03:31 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Aluminum	9,100		4.5	mg/Kg-dry	5	06/03/13 01:33 PM
Antimony	ND		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Arsenic	6.2		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Barium	58		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Beryllium	ND		0.91	mg/Kg-dry	5	05/31/13 07:46 PM
Boron	24		9.1	mg/Kg-dry	5	06/03/13 01:33 PM
Cadmium	ND		0.91	mg/Kg-dry	5	05/31/13 07:46 PM
Calcium	2,200		230	mg/Kg-dry	5	05/31/13 07:46 PM
Chromium	13		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Cobalt	9.4		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Copper	13		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Iron	17,000		36	mg/Kg-dry	5	05/31/13 07:46 PM
Lead	11		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Magnesium	2,400		91	mg/Kg-dry	5	05/31/13 07:46 PM
Manganese	290		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Nickel	24		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Potassium	1,200		91	mg/Kg-dry	5	05/31/13 07:46 PM
Selenium	ND		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Silver	ND		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Sodium	ND		91	mg/Kg-dry	5	06/03/13 01:33 PM
Thallium	ND		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Vanadium	19		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Zinc	54		4.5	mg/Kg-dry	5	05/31/13 07:46 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,1'-Biphenyl	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
2,4,5-Trichlorophenol	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
2,4,6-Trichlorophenol	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
2,4-Dichlorophenol	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
2,4-Dimethylphenol	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
2,4-Dinitrophenol	ND		0.82	mg/Kg-dry	1	05/31/13 12:02 PM
2,4-Dinitrotoluene	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
2,6-Dinitrotoluene	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
2-Chloronaphthalene	ND		0.099	mg/Kg-dry	1	05/31/13 12:02 PM
2-Chlorophenol	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
2-Methylnaphthalene	ND		0.099	mg/Kg-dry	1	05/31/13 12:02 PM
2-Methylphenol	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-543-5-7W

Lab ID: 13051016-08

Collection Date: 05/23/13 02:30 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.82	mg/Kg-dry	1	05/31/13 12:02 PM
2-Nitrophenol	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
3,3'-Dichlorobenzidine	ND		0.82	mg/Kg-dry	1	05/31/13 12:02 PM
3-Nitroaniline	ND		0.82	mg/Kg-dry	1	05/31/13 12:02 PM
4,6-Dinitro-2-methylphenol	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
4-Bromophenyl phenyl ether	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
4-Chloro-3-methylphenol	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
4-Chloroaniline	ND		0.82	mg/Kg-dry	1	05/31/13 12:02 PM
4-Chlorophenyl phenyl ether	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
4-Methylphenol	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
4-Nitroaniline	ND		0.82	mg/Kg-dry	1	05/31/13 12:02 PM
4-Nitrophenol	ND		0.82	mg/Kg-dry	1	05/31/13 12:02 PM
Acenaphthene	ND		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Acenaphthylene	ND		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Acetophenone	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
Anthracene	ND		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Atrazine	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
Benzaldehyde	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
Benzo(a)anthracene	0.042		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Benzo(a)pyrene	0.064		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Benzo(b)fluoranthene	ND		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Benzo(g,h,i)perylene	ND		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Benzo(k)fluoranthene	ND		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Bis(2-chloroethoxy)methane	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
Bis(2-chloroethyl)ether	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
Bis(2-chloroisopropyl)ether	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
Bis(2-ethylhexyl)phthalate	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
Butyl benzyl phthalate	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
Caprolactam	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
Carbazole	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
Chrysene	ND		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Dibenzo(a,h)anthracene	ND		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Dibenzofuran	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
Diethyl phthalate	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
Dimethyl phthalate	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
Di-n-butyl phthalate	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
Di-n-octyl phthalate	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
Fluoranthene	ND		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Fluorene	ND		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Hexachlorobenzene	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-543-5-7W

Lab ID: 13051016-08

Collection Date: 05/23/13 02:30 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
Hexachlorocyclopentadiene	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
Hexachloroethane	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
Indeno(1,2,3-cd)pyrene	ND		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Isophorone	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
Naphthalene	0.13		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Nitrobenzene	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
N-Nitrosodi-n-propylamine	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
N-Nitrosodiphenylamine	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
Pentachlorophenol	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
Phenanthrene	ND		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Phenol	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
Pyrene	0.037		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Surr: 2,4,6-Tribromophenol	66.3		34-140	%REC	1	05/31/13 12:02 PM
Surr: 2-Fluorobiphenyl	57.7		12-100	%REC	1	05/31/13 12:02 PM
Surr: 2-Fluorophenol	62.8		33-117	%REC	1	05/31/13 12:02 PM
Surr: 4-Terphenyl-d14	137	S	25-137	%REC	1	05/31/13 12:02 PM
Surr: Nitrobenzene-d5	49.7		37-107	%REC	1	05/31/13 12:02 PM
Surr: Phenol-d6	58.3		40-106	%REC	1	05/31/13 12:02 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Prep Date: 05/28/13

Analyst: RS

1,1,1-Trichloroethane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,1,2,2-Tetrachloroethane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,1,2-Trichloroethane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,1,2-Trichlorotrifluoroethane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,1-Dichloroethane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,1-Dichloroethene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,2,4-Trichlorobenzene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,2-Dibromo-3-chloropropane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,2-Dibromoethane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,2-Dichlorobenzene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,2-Dichloroethane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,2-Dichloropropane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,3-Dichlorobenzene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,4-Dichlorobenzene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
2-Butanone	ND		0.25	mg/Kg-dry	1	05/29/13 02:59 AM
2-Hexanone	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
4-Methyl-2-pentanone	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Acetone	ND		0.13	mg/Kg-dry	1	05/29/13 02:59 AM
Benzene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Bromodichloromethane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-543-5-7W

Lab ID: 13051016-08

Collection Date: 05/23/13 02:30 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Bromomethane	ND		0.095	mg/Kg-dry	1	05/29/13 02:59 AM
Carbon disulfide	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Carbon tetrachloride	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Chlorobenzene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Chloroethane	ND		0.13	mg/Kg-dry	1	05/29/13 02:59 AM
Chloroform	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Chloromethane	ND		0.13	mg/Kg-dry	1	05/29/13 02:59 AM
cis-1,2-Dichloroethene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
cis-1,3-Dichloropropene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Cyclohexane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Dibromochloromethane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Dichlorodifluoromethane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Ethylbenzene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Isopropylbenzene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Methyl acetate	ND		0.25	mg/Kg-dry	1	05/29/13 02:59 AM
Methyl tert-butyl ether	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Methylcyclohexane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Methylene chloride	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Styrene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Tetrachloroethene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Toluene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
trans-1,2-Dichloroethene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
trans-1,3-Dichloropropene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Trichloroethene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Trichlorofluoromethane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Vinyl chloride	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Xylenes, Total	ND		0.11	mg/Kg-dry	1	05/29/13 02:59 AM
Surr: 1,2-Dichloroethane-d4	104		70-130	%REC	1	05/29/13 02:59 AM
Surr: 4-Bromofluorobenzene	102		70-130	%REC	1	05/29/13 02:59 AM
Surr: Dibromofluoromethane	99.0		70-130	%REC	1	05/29/13 02:59 AM
Surr: Toluene-d8	102		70-130	%REC	1	05/29/13 02:59 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/28/13	Analyst: MB
Chromium, Hexavalent	ND		0.63	mg/Kg-dry	1	05/29/13 12:30 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	21		0.050	% of sample	1	05/28/13 03:05 PM
PH			SW9045D			Analyst: CH
pH	7.5			s.u.	1	05/28/13 10:00 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-551-2-4W
Collection Date: 05/24/13 08:00 AM

Work Order: 13051016
Lab ID: 13051016-09
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/30/13	Analyst: JD
2,4,5-T	ND		0.057	mg/Kg-dry	1	06/03/13 12:52 PM
2,4,5-TP (Silvex)	ND		0.11	mg/Kg-dry	1	06/03/13 12:52 PM
2,4-D	ND		0.057	mg/Kg-dry	1	06/03/13 12:52 PM
Surr: DCAA	124		30-150	%REC	1	06/03/13 12:52 PM
PCBS			SW8082		Prep Date: 05/30/13	Analyst: JD
Aroclor 1016	ND		0.046	mg/Kg-dry	1	05/31/13 05:04 AM
Aroclor 1221	ND		0.046	mg/Kg-dry	1	05/31/13 05:04 AM
Aroclor 1232	ND		0.046	mg/Kg-dry	1	05/31/13 05:04 AM
Aroclor 1242	ND		0.046	mg/Kg-dry	1	05/31/13 05:04 AM
Aroclor 1248	ND		0.046	mg/Kg-dry	1	05/31/13 05:04 AM
Aroclor 1254	ND		0.046	mg/Kg-dry	1	05/31/13 05:04 AM
Aroclor 1260	ND		0.046	mg/Kg-dry	1	05/31/13 05:04 AM
Surr: Decachlorobiphenyl	75.1		40-140	%REC	1	05/31/13 05:04 AM
PESTICIDES			SW8081		Prep Date: 05/30/13	Analyst: JD
4,4'-DDD	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
4,4'-DDE	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
4,4'-DDT	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Aldrin	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
alpha-BHC	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
alpha-Chlordane	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
beta-BHC	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Chlordane, Technical	ND		0.029	mg/Kg-dry	1	06/03/13 03:56 PM
delta-BHC	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Dieldrin	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Endosulfan I	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Endosulfan II	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Endosulfan sulfate	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Endrin	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Endrin aldehyde	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Endrin ketone	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
gamma-BHC (Lindane)	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
gamma-Chlordane	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Heptachlor	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Heptachlor epoxide	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Methoxychlor	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Toxaphene	ND		0.069	mg/Kg-dry	1	06/03/13 03:56 PM
Surr: Decachlorobiphenyl	88.1		45-135	%REC	1	06/03/13 03:56 PM
Surr: Tetrachloro-m-xylene	92.1		45-124	%REC	1	06/03/13 03:56 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-551-2-4W
Collection Date: 05/24/13 08:00 AM

Work Order: 13051016
Lab ID: 13051016-09
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 05/29/13	Analyst: LR
Mercury	0.019		0.017	mg/Kg-dry	1	05/30/13 03:33 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Aluminum	5,500		4.3	mg/Kg-dry	5	06/03/13 01:54 PM
Antimony	ND		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Arsenic	3.7		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Barium	21		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Beryllium	ND		0.86	mg/Kg-dry	5	05/31/13 07:52 PM
Boron	ND		8.6	mg/Kg-dry	5	06/03/13 01:54 PM
Cadmium	ND		0.86	mg/Kg-dry	5	05/31/13 07:52 PM
Calcium	820		210	mg/Kg-dry	5	05/31/13 07:52 PM
Chromium	6.9		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Cobalt	3.2		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Copper	4.1		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Iron	8,000		34	mg/Kg-dry	5	05/31/13 07:52 PM
Lead	4.4		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Magnesium	1,000		86	mg/Kg-dry	5	05/31/13 07:52 PM
Manganese	69		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Nickel	7.5		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Potassium	400		86	mg/Kg-dry	5	05/31/13 07:52 PM
Selenium	ND		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Silver	ND		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Sodium	ND		86	mg/Kg-dry	5	06/03/13 01:54 PM
Thallium	ND		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Vanadium	11		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Zinc	20		4.3	mg/Kg-dry	5	05/31/13 07:52 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,1'-Biphenyl	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
2,4-Dimethylphenol	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
2,4-Dinitrophenol	ND		0.75	mg/Kg-dry	1	05/31/13 12:25 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
2-Chloronaphthalene	ND		0.091	mg/Kg-dry	1	05/31/13 12:25 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
2-Methylnaphthalene	ND		0.091	mg/Kg-dry	1	05/31/13 12:25 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-551-2-4W

Lab ID: 13051016-09

Collection Date: 05/24/13 08:00 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.75	mg/Kg-dry	1	05/31/13 12:25 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
3,3'-Dichlorobenzidine	ND		0.75	mg/Kg-dry	1	05/31/13 12:25 PM
3-Nitroaniline	ND		0.75	mg/Kg-dry	1	05/31/13 12:25 PM
4,6-Dinitro-2-methylphenol	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
4-Chloroaniline	ND		0.75	mg/Kg-dry	1	05/31/13 12:25 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
4-Nitroaniline	ND		0.75	mg/Kg-dry	1	05/31/13 12:25 PM
4-Nitrophenol	ND		0.75	mg/Kg-dry	1	05/31/13 12:25 PM
Acenaphthene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Acenaphthylene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Acetophenone	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
Anthracene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Atrazine	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
Benzaldehyde	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
Benzo(a)anthracene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Benzo(a)pyrene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Benzo(b)fluoranthene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Benzo(g,h,i)perylene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Benzo(k)fluoranthene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
Bis(2-ethylhexyl)phthalate	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
Caprolactam	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
Carbazole	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
Chrysene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Dibenzo(a,h)anthracene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
Diethyl phthalate	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
Dimethyl phthalate	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
Di-n-butyl phthalate	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
Fluoranthene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Fluorene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-551-2-4W
Collection Date: 05/24/13 08:00 AM

Work Order: 13051016
Lab ID: 13051016-09
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
Hexachlorocyclopentadiene	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
Indeno(1,2,3-cd)pyrene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Isophorone	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
Naphthalene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
Pentachlorophenol	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
Phenanthrene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Phenol	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
Pyrene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Surr: 2,4,6-Tribromophenol	53.6		34-140	%REC	1	05/31/13 12:25 PM
Surr: 2-Fluorobiphenyl	49.8		12-100	%REC	1	05/31/13 12:25 PM
Surr: 2-Fluorophenol	55.9		33-117	%REC	1	05/31/13 12:25 PM
Surr: 4-Terphenyl-d14	120		25-137	%REC	1	05/31/13 12:25 PM
Surr: Nitrobenzene-d5	45.9		37-107	%REC	1	05/31/13 12:25 PM
Surr: Phenol-d6	51.2		40-106	%REC	1	05/31/13 12:25 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Prep Date: 05/28/13

Analyst: RS

1,1,1-Trichloroethane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,1,2,2-Tetrachloroethane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,1,2-Trichloroethane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,1,2-Trichlorotrifluoroethane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,1-Dichloroethane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,1-Dichloroethene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,2,4-Trichlorobenzene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,2-Dibromo-3-chloropropane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,2-Dibromoethane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,2-Dichlorobenzene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,2-Dichloroethane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,2-Dichloropropane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,3-Dichlorobenzene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,4-Dichlorobenzene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
2-Butanone	ND		0.23	mg/Kg-dry	1	05/29/13 03:21 AM
2-Hexanone	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
4-Methyl-2-pentanone	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Acetone	ND		0.12	mg/Kg-dry	1	05/29/13 03:21 AM
Benzene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Bromodichloromethane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-551-2-4W

Lab ID: 13051016-09

Collection Date: 05/24/13 08:00 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Bromomethane	ND		0.086	mg/Kg-dry	1	05/29/13 03:21 AM
Carbon disulfide	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Carbon tetrachloride	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Chlorobenzene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Chloroethane	ND		0.12	mg/Kg-dry	1	05/29/13 03:21 AM
Chloroform	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Chloromethane	ND		0.12	mg/Kg-dry	1	05/29/13 03:21 AM
cis-1,2-Dichloroethene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
cis-1,3-Dichloropropene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Cyclohexane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Dibromochloromethane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Dichlorodifluoromethane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Ethylbenzene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Isopropylbenzene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Methyl acetate	ND		0.23	mg/Kg-dry	1	05/29/13 03:21 AM
Methyl tert-butyl ether	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Methylcyclohexane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Methylene chloride	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Styrene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Tetrachloroethene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Toluene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
trans-1,2-Dichloroethene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
trans-1,3-Dichloropropene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Trichloroethene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Trichlorofluoromethane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Vinyl chloride	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Xylenes, Total	ND		0.10	mg/Kg-dry	1	05/29/13 03:21 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	104		70-130	%REC	1	05/29/13 03:21 AM
<i>Surr: 4-Bromofluorobenzene</i>	101		70-130	%REC	1	05/29/13 03:21 AM
<i>Surr: Dibromofluoromethane</i>	98.9		70-130	%REC	1	05/29/13 03:21 AM
<i>Surr: Toluene-d8</i>	102		70-130	%REC	1	05/29/13 03:21 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/28/13	Analyst: MB
Chromium, Hexavalent	ND		0.57	mg/Kg-dry	1	05/29/13 12:30 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	13		0.050	% of sample	1	05/28/13 03:05 PM
PH			SW9045D			Analyst: CH
pH	8.3			s.u.	1	05/28/13 10:00 AM

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

Client: Weston Solutions, Inc

QC BATCH REPORT

Work Order: 13051016

Project: 20405.016.001.2063.00/Whirlpool Park Site

Batch ID: **48712**

Instrument ID **GC7**

Method: **SW8151**

MBLK		Sample ID: HBLKW1-48712-48712				Units: µg/Kg		Analysis Date: 06/03/13 09:10 AM		
Client ID:		Run ID: GC7_130603A		SeqNo: 2337763		Prep Date: 05/30/13		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-T	ND	500								
2,4,5-TP (Silvex)	ND	500								
2,4-D	ND	500								
Surr: DCAA	539	0	500	0	108	30-150	0			

LCS		Sample ID: HLCSW1-48712-48712				Units: µg/Kg		Analysis Date: 06/03/13 09:27 AM		
Client ID:		Run ID: GC7_130603A		SeqNo: 2337764		Prep Date: 05/30/13		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-T	561	500	500	0	112	30-150	0			
2,4,5-TP (Silvex)	549	500	500	0	110	30-150	0			
2,4-D	592	500	500	0	118	20-130	0			
Surr: DCAA	569	0	500	0	114	30-150	0			

MS		Sample ID: 13051016-01B MS				Units: µg/Kg		Analysis Date: 06/03/13 10:30 AM		
Client ID: IA1-532-0-2W		Run ID: GC7_130603A		SeqNo: 2337759		Prep Date: 05/30/13		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-T	63.13	50	49.79	0	127	30-150	0			
2,4,5-TP (Silvex)	56.36	50	49.79	0	113	30-150	0			
2,4-D	54.76	50	49.79	0	110	20-130	0			
Surr: DCAA	56.76	0	49.79	0	114	30-150	0			

MSD		Sample ID: 13051016-01B MSD				Units: µg/Kg		Analysis Date: 06/03/13 10:46 AM		
Client ID: IA1-532-0-2W		Run ID: GC7_130603A		SeqNo: 2337760		Prep Date: 05/30/13		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-T	60.48	50	49.65	0	122	30-150	63.13	4.29	30	
2,4,5-TP (Silvex)	56.31	50	49.65	0	113	30-150	56.36	0.092	30	
2,4-D	56.01	50	49.65	0	113	20-130	54.76	2.25	30	
Surr: DCAA	58.59	0	49.65	0	118	30-150	56.76	3.18	30	

The following samples were analyzed in this batch:

13051016-01B	13051016-02B	13051016-03B
13051016-04B	13051016-05B	13051016-06B
13051016-08B	13051016-09B	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051016
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48743** Instrument ID **GC4** Method: **SW8082**

MBLK		Sample ID: PBLKS1-48743-48743				Units: µg/Kg		Analysis Date: 05/31/13 12:22 AM		
Client ID:		Run ID: GC4_130530B		SeqNo: 2337768		Prep Date: 05/30/13		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	40								
Aroclor 1221	ND	40								
Aroclor 1232	ND	40								
Aroclor 1242	ND	40								
Aroclor 1248	ND	40								
Aroclor 1254	ND	40								
Aroclor 1260	ND	40								
<i>Surr: Decachlorobiphenyl</i>	22.33	0	33.3	0	67.1	40-140	0			

LCS		Sample ID: PLCSS1-48743-48743				Units: µg/Kg		Analysis Date: 05/31/13 12:42 AM		
Client ID:		Run ID: GC4_130530B		SeqNo: 2337769		Prep Date: 05/30/13		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	771	40	833	0	92.6	50-130	0			
Aroclor 1260	714.7	40	833	0	85.8	50-130	0			
<i>Surr: Decachlorobiphenyl</i>	21	0	33.3	0	63.1	40-140	0			

MS		Sample ID: 13051016-01B MS				Units: µg/Kg		Analysis Date: 05/31/13 02:23 AM		
Client ID: IA1-532-0-2W		Run ID: GC4_130530B		SeqNo: 2337771		Prep Date: 05/30/13		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	800.7	39	807.8	0	99.1	40-140	0			
Aroclor 1260	818.5	39	807.8	0	101	40-140	0			
<i>Surr: Decachlorobiphenyl</i>	23.92	0	32.29	0	74.1	40-140	0			

MSD		Sample ID: 13051016-01B MSD				Units: µg/Kg		Analysis Date: 05/31/13 02:43 AM		
Client ID: IA1-532-0-2W		Run ID: GC4_130530B		SeqNo: 2337772		Prep Date: 05/30/13		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	785.1	39	802.8	0	97.8	40-140	800.7	1.97	50	
Aroclor 1260	814	39	802.8	0	101	40-140	818.5	0.553	50	
<i>Surr: Decachlorobiphenyl</i>	25.38	0	32.09	0	79.1	40-140	23.92	5.9	50	

The following samples were analyzed in this batch:

13051016-01B	13051016-02B	13051016-03B
13051016-04B	13051016-05B	13051016-06B
13051016-08B	13051016-09B	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051016
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48744** Instrument ID **GC12** Method: **SW8081**

MBLK		Sample ID: PBLKS1-48744-48744				Units: µg/Kg		Analysis Date: 06/03/13 12:18 PM			
Client ID:		Run ID: GC12_130603A				SeqNo: 2337990		Prep Date: 05/30/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
4,4'-DDD	ND	10									
4,4'-DDE	ND	10									
4,4'-DDT	ND	10									
Aldrin	ND	10									
alpha-BHC	ND	10									
alpha-Chlordane	ND	10									
beta-BHC	ND	10									
Chlordane, Technical	ND	25									
delta-BHC	ND	10									
Dieldrin	ND	10									
Endosulfan I	ND	10									
Endosulfan II	ND	10									
Endosulfan sulfate	ND	10									
Endrin	ND	10									
Endrin aldehyde	ND	10									
Endrin ketone	ND	10									
gamma-BHC (Lindane)	ND	10									
gamma-Chlordane	ND	10									
Heptachlor	ND	10									
Heptachlor epoxide	ND	10									
Methoxychlor	ND	10									
Toxaphene	ND	60									
<i>Surr: Decachlorobiphenyl</i>	31.67	0	33.3	0	95.1	45-135	0				
<i>Surr: Tetrachloro-m-xylene</i>	31.33	0	33.3	0	94.1	45-124	0				

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051016
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48744** Instrument ID **GC12** Method: **SW8081**

LCS		Sample ID: PLCSS1-48744-48744				Units: µg/Kg		Analysis Date: 06/03/13 12:34 PM		
Client ID:		Run ID: GC12_130603A			SeqNo: 2337991		Prep Date: 05/30/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
4,4'-DDD	41	10	33.33	0	123	30-135	0			
4,4'-DDE	37.67	10	33.33	0	113	70-125	0			
4,4'-DDT	42	10	33.33	0	126	45-140	0			
Aldrin	33.67	10	33.33	0	101	45-140	0			
alpha-BHC	35.67	10	33.33	0	107	60-125	0			
alpha-Chlordane	35.33	10	33.33	0	106	50-150	0			
beta-BHC	35	10	33.33	0	105	60-125	0			
delta-BHC	37	10	33.33	0	111	55-130	0			
Dieldrin	36.67	10	33.33	0	110	65-125	0			
Endosulfan I	35.67	10	33.33	0	107	15-135	0			
Endosulfan II	38.33	10	33.33	0	115	35-140	0			
Endosulfan sulfate	33	10	33.33	0	99	60-135	0			
Endrin	47.67	10	33.33	0	143	60-135	0			S
Endrin aldehyde	40	10	33.33	0	120	35-145	0			
Endrin ketone	14	10	33.33	0	42	50-150	0			S
gamma-BHC (Lindane)	35.67	10	33.33	0	107	60-125	0			
gamma-Chlordane	35.67	10	33.33	0	107	50-150	0			
Heptachlor	37.33	10	33.33	0	112	50-140	0			
Heptachlor epoxide	35.67	10	33.33	0	107	65-130	0			
Methoxychlor	31.67	10	33.33	0	95	55-145	0			
<i>Surr: Decachlorobiphenyl</i>	31	0	33.3	0	93.1	45-135	0			
<i>Surr: Tetrachloro-m-xylene</i>	31.33	0	33.3	0	94.1	45-124	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051016
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48744 Instrument ID GC12 Method: SW8081

MS		Sample ID: 13051016-01B MS				Units: µg/Kg		Analysis Date: 06/03/13 01:36 PM		
Client ID: IA1-532-0-2W		Run ID: GC12_130603A				SeqNo: 2337986		Prep Date: 05/30/13		DF: 2
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
4,4'-DDD	44.48	20	32.7	0	136	30-135	0			S
4,4'-DDE	38.59	20	32.7	0	118	70-125	0			
4,4'-DDT	47.75	20	32.7	0	146	45-140	0			S
Aldrin	33.36	20	32.7	0	102	45-140	0			
alpha-BHC	32.71	20	32.7	0	100	60-125	0			
alpha-Chlordane	34.02	20	32.7	0	104	50-150	0			
beta-BHC	34.02	20	32.7	0	104	60-125	0			
delta-BHC	33.36	20	32.7	0	102	55-130	0			
Dieldrin	35.32	20	32.7	0	108	65-125	0			
Endosulfan I	34.02	20	32.7	0	104	15-135	0			
Endosulfan II	42.52	20	32.7	0	130	35-140	0			
Endosulfan sulfate	27.47	20	32.7	0	84	60-135	0			
Endrin	51.02	20	32.7	0	156	60-135	0			S
Endrin aldehyde	49.72	20	32.7	0	152	35-145	0			S
Endrin ketone	ND	20	32.7	0	0	50-150	0			S
gamma-BHC (Lindane)	33.36	20	32.7	0	102	60-125	0			
gamma-Chlordane	34.02	20	32.7	0	104	50-150	0			
Heptachlor	35.32	20	32.7	0	108	50-140	0			
Heptachlor epoxide	34.02	20	32.7	0	104	65-130	0			
Methoxychlor	35.98	20	32.7	0	110	55-145	0			
Surr: Decachlorobiphenyl	28.13	0	32.67	0	86.1	45-135	0			
Surr: Tetrachloro-m-xylene	29.44	0	32.67	0	90.1	45-124	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051016
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48744 Instrument ID GC12 Method: SW8081

MSD		Sample ID: 13051016-01B MSD				Units: µg/Kg		Analysis Date: 06/03/13 01:52 PM			
Client ID: IA1-532-0-2W		Run ID: GC12_130603A				SeqNo: 2337987		Prep Date: 05/30/13		DF: 2	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
4,4'-DDD	44.41	20	32.65	0	136	30-135	44.48	0.163	35	S	
4,4'-DDE	38.53	20	32.65	0	118	70-125	38.59	0.163	35		
4,4'-DDT	47.68	20	32.65	0	146	45-140	47.75	0.163	35	S	
Aldrin	31.35	20	32.65	0	96	45-140	33.36	6.22	35		
alpha-BHC	32	20	32.65	0	98	60-125	32.71	2.18	35		
alpha-Chlordane	32.65	20	32.65	0	100	50-150	34.02	4.08	35		
beta-BHC	33.96	20	32.65	0	104	60-125	34.02	0.163	35		
delta-BHC	33.96	20	32.65	0	104	55-130	33.36	1.78	35		
Dieldrin	34.61	20	32.65	0	106	65-125	35.32	2.03	35		
Endosulfan I	33.96	20	32.65	0	104	15-135	34.02	0.163	35		
Endosulfan II	42.45	20	32.65	0	130	35-140	42.52	0.163	35		
Endosulfan sulfate	28.08	20	32.65	0	86	60-135	27.47	2.19	35		
Endrin	50.29	20	32.65	0	154	60-135	51.02	1.45	35	S	
Endrin aldehyde	50.29	20	32.65	0	154	35-145	49.72	1.14	35	S	
Endrin ketone	ND	20	32.65	0	0	50-150	1.962	0	35	S	
gamma-BHC (Lindane)	32	20	32.65	0	98	60-125	33.36	4.16	35		
gamma-Chlordane	32.65	20	32.65	0	100	50-150	34.02	4.08	35		
Heptachlor	34.61	20	32.65	0	106	50-140	35.32	2.03	35		
Heptachlor epoxide	32	20	32.65	0	98	65-130	34.02	6.1	35		
Methoxychlor	37.23	20	32.65	0	114	55-145	35.98	3.41	35		
Surr: Decachlorobiphenyl	28.08	0	32.62	0	86.1	45-135	28.13	0.163	35		
Surr: Tetrachloro-m-xylene	28.74	0	32.62	0	88.1	45-124	29.44	2.41	35		

The following samples were analyzed in this batch:

13051016-01B	13051016-02B	13051016-03B
13051016-04B	13051016-05B	13051016-06B
13051016-08B	13051016-09B	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051016
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48719** Instrument ID **HG1** Method: **SW7471**

MBLK	Sample ID: MBLK-48719-48719		Units: mg/Kg		Analysis Date: 05/30/13 03:12 PM					
Client ID:	Run ID: HG1_130531A		SeqNo: 2335731		Prep Date: 05/29/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury ND 0.020

LCS	Sample ID: LCS-48719-48719		Units: mg/Kg		Analysis Date: 05/30/13 03:14 PM					
Client ID:	Run ID: HG1_130531A		SeqNo: 2335732		Prep Date: 05/29/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1928 0.020 0.1665 0 116 80-120 0

MS	Sample ID: 13051016-09BMS		Units: mg/Kg		Analysis Date: 05/30/13 03:35 PM					
Client ID: IA1-551-2-4W	Run ID: HG1_130531A		SeqNo: 2335742		Prep Date: 05/29/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1487 0.015 0.1226 0.01608 108 75-125 0

MSD	Sample ID: 13051016-09BMSD		Units: mg/Kg		Analysis Date: 05/30/13 03:37 PM					
Client ID: IA1-551-2-4W	Run ID: HG1_130531A		SeqNo: 2335743		Prep Date: 05/29/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1392 0.015 0.1246 0.01608 98.8 75-125 0.1487 6.6 35

The following samples were analyzed in this batch:

13051016-01B	13051016-02B	13051016-03B
13051016-04B	13051016-05B	13051016-06B
13051016-08B	13051016-09B	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051016
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48783** Instrument ID **ICPMS1** Method: **SW6020A**

MBLK		Sample ID: MBLK-48783-48783			Units: mg/Kg		Analysis Date: 05/31/13 06:40 PM			
Client ID:		Run ID: ICPMS1_130531A			SeqNo: 2337435		Prep Date: 05/31/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	ND	0.25								
Arsenic	ND	0.25								
Barium	ND	0.25								
Beryllium	ND	0.10								
Cadmium	ND	0.10								
Calcium	ND	25								
Chromium	ND	0.25								
Cobalt	ND	0.25								
Copper	0.0615	0.25								J
Iron	ND	4.0								
Lead	ND	0.25								
Magnesium	ND	10								
Manganese	ND	0.25								
Nickel	ND	0.25								
Potassium	ND	10								
Selenium	ND	0.25								
Silver	ND	0.25								
Thallium	ND	0.25								
Vanadium	ND	0.25								
Zinc	0.0872	0.50								J

MBLK		Sample ID: MBLK-48783-48783			Units: mg/Kg		Analysis Date: 06/03/13 12:45 PM			
Client ID:		Run ID: ICPMS2_130603A			SeqNo: 2337963		Prep Date: 05/31/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.1526	0.50								J
Boron	ND	1.0								
Sodium	ND	10								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051016
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48783** Instrument ID **ICPMS1** Method: **SW6020A**

LCS		Sample ID: LCS-48783-48783				Units: mg/Kg		Analysis Date: 05/31/13 06:47 PM		
Client ID:		Run ID: ICPMS1_130531A			SeqNo: 2337436		Prep Date: 05/31/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	4.557	0.25	5	0	91.1	80-120	0			
Arsenic	4.412	0.25	5	0	88.2	80-120	0			
Barium	4.714	0.25	5	0	94.3	80-120	0			
Beryllium	4.6	0.10	5	0	92	80-120	0			
Cadmium	4.622	0.10	5	0	92.4	80-120	0			
Calcium	507	25	500	0	101	80-120	0			
Chromium	4.758	0.25	5	0	95.2	80-120	0			
Cobalt	4.635	0.25	5	0	92.7	80-120	0			
Copper	4.642	0.25	5	0	92.8	80-120	0			
Iron	482	4.0	500	0	96.4	80-120	0			
Lead	4.922	0.25	5	0	98.4	80-120	0			
Magnesium	471.6	10	500	0	94.3	80-120	0			
Manganese	4.814	0.25	5	0	96.3	80-120	0			
Nickel	4.646	0.25	5	0	92.9	80-120	0			
Potassium	478	10	500	0	95.6	80-120	0			
Selenium	4.134	0.25	5	0	82.7	80-120	0			
Silver	4.912	0.25	5	0	98.2	80-120	0			
Sodium	459.6	10	500	0	91.9	80-120	0			
Thallium	4.714	0.25	5	0	94.3	80-120	0			
Vanadium	4.794	0.25	5	0	95.9	80-120	0			
Zinc	4.304	0.50	5	0	86.1	80-120	0			

LCS		Sample ID: LCS-48783-48783				Units: mg/Kg		Analysis Date: 06/03/13 12:50 PM		
Client ID:		Run ID: ICPMS2_130603A			SeqNo: 2337964		Prep Date: 05/31/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	5.215	0.50	5	0	104	80-120	0			
Boron	24.71	1.0	25	0	98.8	80-120	0			
Sodium	524	10	500	0	105	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 13051016
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48783** Instrument ID **ICPMS1** Method: **SW6020A**

MS		Sample ID: 13051060-01AMS				Units: mg/Kg		Analysis Date: 05/31/13 08:04 PM		
Client ID:		Run ID: ICPMS1_130531A			SeqNo: 2337460		Prep Date: 05/31/13		DF: 5	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	6.247	1.7	6.72	0.03012	92.5	75-125	0			
Arsenic	6.68	1.7	6.72	0.1994	96.4	75-125	0			
Barium	11.63	1.7	6.72	4.845	101	75-125	0			
Beryllium	6.613	0.67	6.72	-0.01197	98.6	75-125	0			
Cadmium	6.667	0.67	6.72	0.01457	99	75-125	0			
Calcium	71140	170	672	77440	-939	75-125	0			SEO
Chromium	7.776	1.7	6.72	1.558	92.5	75-125	0			
Cobalt	6.626	1.7	6.72	0.5786	90	75-125	0			
Copper	7.003	1.7	6.72	1.112	87.7	75-125	0			
Iron	2097	27	672	1436	98.3	75-125	0			
Lead	7.534	1.7	6.72	0.6869	102	75-125	0			
Magnesium	6058	67	672	4970	162	75-125	0			SO
Manganese	68.92	1.7	6.72	67.97	14.2	75-125	0			SO
Nickel	8.085	1.7	6.72	2.089	89.2	75-125	0			
Potassium	932.5	67	672	257.3	100	75-125	0			
Selenium	6.223	1.7	6.72	0.0004993	92.6	75-125	0			
Silver	6.274	1.7	6.72	-0.01563	93.6	75-125	0			
Thallium	6.532	1.7	6.72	-0.04894	97.9	75-125	0			
Vanadium	8.824	1.7	6.72	2.423	95.2	75-125	0			
Zinc	8.192	3.4	6.72	2.418	85.9	75-125	0			

MS		Sample ID: 13051060-01AMS				Units: mg/Kg		Analysis Date: 06/03/13 02:04 PM		
Client ID:		Run ID: ICPMS2_130603A			SeqNo: 2338044		Prep Date: 05/31/13		DF: 5	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	837.7	3.4	6.72	654.6	2730	75-125	0			SO
Boron	31.42	6.7	33.6	0.7513	91.3	75-125	0			
Sodium	805.1	67	672	124.2	101	75-125	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051016
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48783 Instrument ID ICPMS1 Method: SW6020A

MSD		Sample ID: 13051060-01AMSD				Units: mg/Kg		Analysis Date: 05/31/13 08:10 PM		
Client ID:		Run ID: ICPMS1_130531A			SeqNo: 2337462		Prep Date: 05/31/13		DF: 5	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	5.849	1.6	6.435	0.03012	90.4	75-125	6.247	6.57	25	
Arsenic	6.232	1.6	6.435	0.1994	93.8	75-125	6.68	6.94	25	
Barium	10.57	1.6	6.435	4.845	88.9	75-125	11.63	9.61	25	
Beryllium	6.133	0.64	6.435	-0.01197	95.5	75-125	6.613	7.54	25	
Cadmium	6.059	0.64	6.435	0.01457	93.9	75-125	6.667	9.56	25	
Calcium	59560	160	643.5	77440	-2780	75-125	71140	17.7	25	SEO
Chromium	7.297	1.6	6.435	1.558	89.2	75-125	7.776	6.35	25	
Cobalt	6.165	1.6	6.435	0.5786	86.8	75-125	6.626	7.22	25	
Copper	6.631	1.6	6.435	1.112	85.8	75-125	7.003	5.45	25	
Iron	1979	26	643.5	1436	84.4	75-125	2097	5.76	25	
Lead	6.908	1.6	6.435	0.6869	96.7	75-125	7.534	8.66	25	
Magnesium	6030	64	643.5	4970	165	75-125	6058	0.478	25	SO
Manganese	62.32	1.6	6.435	67.97	-87.7	75-125	68.92	10.1	25	SO
Nickel	7.532	1.6	6.435	2.089	84.6	75-125	8.085	7.08	25	
Potassium	836.2	64	643.5	257.3	90	75-125	932.5	10.9	25	
Selenium	5.711	1.6	6.435	0.0004993	88.7	75-125	6.223	8.58	25	
Silver	5.859	1.6	6.435	-0.01563	91.3	75-125	6.274	6.83	25	
Thallium	6.01	1.6	6.435	-0.04894	94.2	75-125	6.532	8.32	25	
Vanadium	8.497	1.6	6.435	2.423	94.4	75-125	8.824	3.77	25	
Zinc	8.259	3.2	6.435	2.418	90.8	75-125	8.192	0.816	25	

MSD		Sample ID: 13051060-01AMSD				Units: mg/Kg		Analysis Date: 06/03/13 02:10 PM		
Client ID:		Run ID: ICPMS2_130603A			SeqNo: 2338045		Prep Date: 05/31/13		DF: 5	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	845.9	3.2	6.435	654.6	2970	75-125	837.7	0.972	25	SO
Boron	29.77	6.4	32.18	0.7513	90.2	75-125	31.42	5.4	25	
Sodium	763.8	64	643.5	124.2	99.4	75-125	805.1	5.26	25	

The following samples were analyzed in this batch:

13051016-01B	13051016-02B	13051016-03B
13051016-04B	13051016-05B	13051016-06B
13051016-08B	13051016-09B	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051016
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48742** Instrument ID **SVMS7** Method: **SW8270**

MBLK Sample ID: **SBLKS1-48742-48742** Units: **µg/Kg** Analysis Date: **05/30/13 05:05 PM**
 Client ID: Run ID: **SVMS7_130530A** SeqNo: **2336613** Prep Date: **05/30/13** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	ND	330								
2,4,5-Trichlorophenol	ND	160								
2,4,6-Trichlorophenol	ND	160								
2,4-Dichlorophenol	ND	160								
2,4-Dimethylphenol	ND	330								
2,4-Dinitrophenol	ND	660								
2,4-Dinitrotoluene	ND	160								
2,6-Dinitrotoluene	ND	160								
2-Chloronaphthalene	ND	80								
2-Chlorophenol	ND	160								
2-Methylnaphthalene	ND	80								
2-Methylphenol	ND	160								
2-Nitroaniline	ND	660								
2-Nitrophenol	ND	160								
3,3'-Dichlorobenzidine	ND	660								
3-Nitroaniline	ND	660								
4,6-Dinitro-2-methylphenol	ND	330								
4-Bromophenyl phenyl ether	ND	160								
4-Chloro-3-methylphenol	ND	160								
4-Chloroaniline	ND	660								
4-Chlorophenyl phenyl ether	ND	160								
4-Methylphenol	ND	160								
4-Nitroaniline	ND	660								
4-Nitrophenol	ND	660								
Acenaphthene	ND	30								
Acenaphthylene	ND	30								
Acetophenone	ND	330								
Anthracene	ND	30								
Atrazine	ND	330								
Benzaldehyde	ND	330								
Benzo(a)anthracene	ND	30								
Benzo(a)pyrene	ND	30								
Benzo(b)fluoranthene	ND	30								
Benzo(g,h,i)perylene	ND	30								
Benzo(k)fluoranthene	ND	30								
Bis(2-chloroethoxy)methane	ND	160								
Bis(2-chloroethyl)ether	ND	160								
Bis(2-chloroisopropyl)ether	ND	160								
Bis(2-ethylhexyl)phthalate	ND	330								
Butyl benzyl phthalate	ND	160								
Caprolactam	ND	330								
Carbazole	ND	160								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 13051016
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48742	Instrument ID SVMS7	Method: SW8270						
Chrysene	ND	30						
Dibenzo(a,h)anthracene	ND	30						
Dibenzofuran	ND	160						
Diethyl phthalate	20.33	330						J
Dimethyl phthalate	ND	330						
Di-n-butyl phthalate	ND	330						
Di-n-octyl phthalate	ND	160						
Fluoranthene	ND	30						
Fluorene	ND	30						
Hexachlorobenzene	ND	160						
Hexachlorobutadiene	ND	160						
Hexachlorocyclopentadiene	ND	330						
Hexachloroethane	ND	160						
Indeno(1,2,3-cd)pyrene	ND	30						
Isophorone	ND	160						
Naphthalene	ND	30						
Nitrobenzene	ND	160						
N-Nitrosodi-n-propylamine	ND	160						
N-Nitrosodiphenylamine	ND	160						
Pentachlorophenol	ND	330						
Phenanthrene	ND	30						
Phenol	ND	160						
Pyrene	ND	30						
<i>Surr: 2,4,6-Tribromophenol</i>	1016	0	1667	0	60.9	34-140	0	
<i>Surr: 2-Fluorobiphenyl</i>	1104	0	1667	0	66.2	12-100	0	
<i>Surr: 2-Fluorophenol</i>	1331	0	1667	0	79.9	33-117	0	
<i>Surr: 4-Terphenyl-d14</i>	1904	0	1667	0	114	25-137	0	
<i>Surr: Nitrobenzene-d5</i>	1018	0	1667	0	61.1	37-107	0	
<i>Surr: Phenol-d6</i>	1226	0	1667	0	73.6	40-106	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051016
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48742** Instrument ID **SVMS7** Method: **SW8270**

LCS		Sample ID: SLCSS1-48742-48742				Units: µg/Kg		Analysis Date: 05/30/13 05:28 PM		
Client ID:		Run ID: SVMS7_130530A				SeqNo: 2336614		Prep Date: 05/30/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	514.7	160	666.7	0	77.2	50-110	0			
2,4,6-Trichlorophenol	447.7	160	666.7	0	67.1	45-110	0			
2,4-Dichlorophenol	486	160	666.7	0	72.9	45-110	0			
2,4-Dimethylphenol	423.7	330	666.7	0	63.5	30-105	0			
2,4-Dinitrophenol	450.3	660	666.7	0	67.5	15-130	0			J
2,4-Dinitrotoluene	486	160	666.7	0	72.9	50-115	0			
2,6-Dinitrotoluene	470	160	666.7	0	70.5	50-110	0			
2-Chloronaphthalene	475	80	666.7	0	71.2	45-105	0			
2-Chlorophenol	543.3	160	666.7	0	81.5	45-105	0			
2-Methylnaphthalene	480	80	666.7	0	72	45-105	0			
2-Methylphenol	553	160	666.7	0	82.9	40-105	0			
2-Nitroaniline	527.3	660	666.7	0	79.1	45-120	0			J
2-Nitrophenol	456	160	666.7	0	68.4	40-110	0			
3-Nitroaniline	313	660	666.7	0	46.9	25-150	0			J
4-Bromophenyl phenyl ether	482.3	160	666.7	0	72.3	45-115	0			
4-Chloro-3-methylphenol	538	160	666.7	0	80.7	45-115	0			
4-Chloroaniline	398	660	666.7	0	59.7	15-110	0			J
4-Chlorophenyl phenyl ether	480	160	666.7	0	72	45-110	0			
4-Methylphenol	527	160	666.7	0	79	40-105	0			
4-Nitroaniline	289.7	660	666.7	0	43.4	35-150	0			J
4-Nitrophenol	517.7	660	666.7	0	77.6	15-140	0			J
Acenaphthene	458	30	666.7	0	68.7	45-110	0			
Acenaphthylene	474.3	30	666.7	0	71.1	45-105	0			
Anthracene	529.3	30	666.7	0	79.4	55-105	0			
Benzo(a)anthracene	524	30	666.7	0	78.6	50-110	0			
Benzo(a)pyrene	515.3	30	666.7	0	77.3	50-110	0			
Benzo(b)fluoranthene	607.3	30	666.7	0	91.1	45-115	0			
Benzo(g,h,i)perylene	570.7	30	666.7	0	85.6	40-125	0			
Benzo(k)fluoranthene	578	30	666.7	0	86.7	45-115	0			
Bis(2-chloroethoxy)methane	471.7	160	666.7	0	70.7	45-110	0			
Bis(2-chloroethyl)ether	453.7	160	666.7	0	68	40-105	0			
Bis(2-chloroisopropyl)ether	486	160	666.7	0	72.9	20-115	0			
Bis(2-ethylhexyl)phthalate	536.7	330	666.7	0	80.5	45-125	0			
Butyl benzyl phthalate	529.3	160	666.7	0	79.4	50-125	0			
Carbazole	579	160	666.7	0	86.8	50-150	0			
Chrysene	546.7	30	666.7	0	82	55-110	0			
Dibenzo(a,h)anthracene	571.7	30	666.7	0	85.7	40-125	0			
Dibenzofuran	482.3	160	666.7	0	72.3	50-105	0			
Diethyl phthalate	476.3	330	666.7	0	71.4	50-115	0			
Dimethyl phthalate	489.7	330	666.7	0	73.4	50-110	0			
Di-n-butyl phthalate	593.3	330	666.7	0	89	55-110	0			
Di-n-octyl phthalate	668	160	666.7	0	100	40-130	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 13051016
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48742	Instrument ID SVMS7	Method: SW8270					
Fluoranthene	558.3	30	666.7	0	83.7	55-115	0
Fluorene	486	30	666.7	0	72.9	50-110	0
Hexachlorobenzene	518.7	160	666.7	0	77.8	45-120	0
Hexachlorobutadiene	442.3	160	666.7	0	66.3	40-115	0
Hexachlorocyclopentadiene	491.3	330	666.7	0	73.7	40-115	0
Hexachloroethane	462.3	160	666.7	0	69.3	35-110	0
Indeno(1,2,3-cd)pyrene	577	30	666.7	0	86.5	40-120	0
Isophorone	467.3	160	666.7	0	70.1	45-110	0
Naphthalene	465.7	30	666.7	0	69.8	40-105	0
Nitrobenzene	520.7	160	666.7	0	78.1	40-115	0
N-Nitrosodi-n-propylamine	492	160	666.7	0	73.8	40-115	0
N-Nitrosodiphenylamine	535	160	666.7	0	80.2	50-115	0
Pentachlorophenol	554	330	666.7	0	83.1	25-120	0
Phenanthrene	514	30	666.7	0	77.1	50-110	0
Phenol	536.3	160	666.7	0	80.4	40-100	0
Pyrene	575.3	30	666.7	0	86.3	45-125	0
<i>Surr: 2,4,6-Tribromophenol</i>	1220	0	1667	0	73.2	34-140	0
<i>Surr: 2-Fluorobiphenyl</i>	1211	0	1667	0	72.7	12-100	0
<i>Surr: 2-Fluorophenol</i>	1430	0	1667	0	85.8	33-117	0
<i>Surr: 4-Terphenyl-d14</i>	1829	0	1667	0	110	25-137	0
<i>Surr: Nitrobenzene-d5</i>	1150	0	1667	0	69	37-107	0
<i>Surr: Phenol-d6</i>	1353	0	1667	0	81.2	40-106	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051016
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48742** Instrument ID **SVMS7** Method: **SW8270**

MS				Sample ID: 13051016-01B MS		Units: µg/Kg		Analysis Date: 05/30/13 07:56 PM		
Client ID: IA1-532-0-2W			Run ID: SVMS7_130530A		SeqNo: 2336616		Prep Date: 05/30/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	1077	320	1322	0	81.5	50-110	0			
2,4,6-Trichlorophenol	942.4	320	1322	0	71.3	45-110	0			
2,4-Dichlorophenol	972.1	320	1322	0	73.5	45-110	0			
2,4-Dimethylphenol	871	650	1322	0	65.9	30-105	0			
2,4-Dinitrophenol	973.4	1,300	1322	0	73.6	15-130	0			J
2,4-Dinitrotoluene	955.6	320	1322	0	72.3	50-115	0			
2,6-Dinitrotoluene	947.7	320	1322	0	71.7	50-110	0			
2-Chloronaphthalene	954.3	160	1322	0	72.2	45-105	0			
2-Chlorophenol	1067	320	1322	0	80.7	45-105	0			
2-Methylnaphthalene	933.1	160	1322	0	70.6	45-105	0			
2-Methylphenol	1100	320	1322	0	83.2	40-105	0			
2-Nitroaniline	1059	1,300	1322	0	80.1	45-120	0			J
2-Nitrophenol	888.2	320	1322	0	67.2	40-110	0			
3-Nitroaniline	751.4	1,300	1322	0	56.8	25-110	0			J
4-Bromophenyl phenyl ether	947.7	320	1322	0	71.7	45-115	0			
4-Chloro-3-methylphenol	1119	320	1322	0	84.6	45-115	0			
4-Chloroaniline	645	1,300	1322	0	48.8	15-110	0			J
4-Chlorophenyl phenyl ether	970.8	320	1322	0	73.4	45-110	0			
4-Methylphenol	1047	320	1322	0	79.2	40-105	0			
4-Nitroaniline	870.3	1,300	1322	0	65.8	35-150	0			J
4-Nitrophenol	1066	1,300	1322	0	80.6	15-140	0			J
Acenaphthene	930.5	59	1322	0	70.4	45-110	0			
Acenaphthylene	954.9	59	1322	0	72.2	45-105	0			
Anthracene	1049	59	1322	0	79.4	55-105	0			
Benzo(a)anthracene	1011	59	1322	29.52	74.3	50-110	0			
Benzo(a)pyrene	1014	59	1322	45.11	73.3	50-110	0			
Benzo(b)fluoranthene	1203	59	1322	0	91	45-115	0			
Benzo(g,h,i)perylene	986.7	59	1322	0	74.6	40-125	0			
Benzo(k)fluoranthene	1149	59	1322	0	86.9	45-115	0			
Bis(2-chloroethoxy)methane	904	320	1322	0	68.4	45-110	0			
Bis(2-chloroethyl)ether	1196	320	1322	0	90.5	40-105	0			
Bis(2-chloroisopropyl)ether	979.4	320	1322	0	74.1	20-115	0			
Bis(2-ethylhexyl)phthalate	1056	650	1322	56.39	75.6	45-125	0			
Butyl benzyl phthalate	1040	320	1322	40.8	75.6	50-125	0			
Carbazole	1117	320	1322	0	84.5	50-150	0			
Chrysene	1045	59	1322	0	79.1	55-110	0			
Dibenzo(a,h)anthracene	1055	59	1322	0	79.8	40-125	0			
Dibenzofuran	975.4	320	1322	0	73.8	50-105	0			
Diethyl phthalate	932.5	650	1322	21.89	68.9	50-115	0			
Dimethyl phthalate	971.5	650	1322	0	73.5	50-110	0			
Di-n-butyl phthalate	1119	650	1322	0	84.7	55-110	0			
Di-n-octyl phthalate	1362	320	1322	0	103	40-130	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 13051016
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48742	Instrument ID SVMS7		Method: SW8270					
Fluoranthene	1092	59	1322	0	82.6	55-115	0	
Fluorene	986	59	1322	0	74.6	50-110	0	
Hexachlorobenzene	1030	320	1322	0	77.9	45-120	0	
Hexachlorobutadiene	847.2	320	1322	0	64.1	40-115	0	
Hexachlorocyclopentadiene	920.6	650	1322	0	69.6	40-115	0	
Hexachloroethane	886.9	320	1322	0	67.1	35-110	0	
Indeno(1,2,3-cd)pyrene	1072	59	1322	0	81.1	40-120	0	
Isophorone	917.3	320	1322	0	69.4	45-110	0	
Naphthalene	900.1	59	1322	0	68.1	40-105	0	
Nitrobenzene	984.7	320	1322	0	74.5	40-115	0	
N-Nitrosodi-n-propylamine	941.7	320	1322	0	71.2	40-115	0	
N-Nitrosodiphenylamine	1067	320	1322	0	80.7	50-115	0	
Pentachlorophenol	1216	650	1322	43.12	88.7	25-120	0	
Phenanthrene	1016	59	1322	0	76.8	50-110	0	
Phenol	1045	320	1322	0	79.1	40-100	0	
Pyrene	1144	59	1322	0	86.5	45-125	0	
<i>Surr: 2,4,6-Tribromophenol</i>	<i>2480</i>	<i>0</i>	<i>3304</i>	<i>0</i>	<i>75</i>	<i>34-140</i>	<i>0</i>	
<i>Surr: 2-Fluorobiphenyl</i>	<i>2407</i>	<i>0</i>	<i>3304</i>	<i>0</i>	<i>72.9</i>	<i>12-100</i>	<i>0</i>	
<i>Surr: 2-Fluorophenol</i>	<i>2773</i>	<i>0</i>	<i>3304</i>	<i>0</i>	<i>83.9</i>	<i>33-117</i>	<i>0</i>	
<i>Surr: 4-Terphenyl-d14</i>	<i>3623</i>	<i>0</i>	<i>3304</i>	<i>0</i>	<i>110</i>	<i>25-137</i>	<i>0</i>	
<i>Surr: Nitrobenzene-d5</i>	<i>2211</i>	<i>0</i>	<i>3304</i>	<i>0</i>	<i>66.9</i>	<i>37-107</i>	<i>0</i>	
<i>Surr: Phenol-d6</i>	<i>2641</i>	<i>0</i>	<i>3304</i>	<i>0</i>	<i>79.9</i>	<i>40-106</i>	<i>0</i>	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051016
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48742** Instrument ID **SVMS7** Method: **SW8270**

MSD		Sample ID: 13051016-01B MSD				Units: µg/Kg		Analysis Date: 05/30/13 08:19 PM		
Client ID: IA1-532-0-2W		Run ID: SVMS7_130530A				SeqNo: 2336617		Prep Date: 05/30/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	1110	310	1298	0	85.5	50-110	1077	3.02	30	
2,4,6-Trichlorophenol	946	310	1298	0	72.9	45-110	942.4	0.386	30	
2,4-Dichlorophenol	966.8	310	1298	0	74.5	45-110	972.1	0.55	30	
2,4-Dimethylphenol	798.7	640	1298	0	61.5	30-105	871	8.66	30	
2,4-Dinitrophenol	1001	1,300	1298	0	77.1	15-130	973.4	0	30	J
2,4-Dinitrotoluene	981.1	310	1298	0	75.6	50-115	955.6	2.63	30	
2,6-Dinitrotoluene	967.4	310	1298	0	74.5	50-110	947.7	2.06	30	
2-Chloronaphthalene	953.8	160	1298	0	73.5	45-105	954.3	0.0489	30	
2-Chlorophenol	1057	310	1298	0	81.4	45-105	1067	0.908	30	
2-Methylnaphthalene	942.1	160	1298	0	72.6	45-105	933.1	0.96	30	
2-Methylphenol	1091	310	1298	0	84.1	40-105	1100	0.758	30	
2-Nitroaniline	1115	1,300	1298	0	85.9	45-120	1059	0	30	J
2-Nitrophenol	921.4	310	1298	0	71	40-110	888.2	3.67	30	
3-Nitroaniline	760.4	1,300	1298	0	58.6	25-110	751.4	0	30	J
4-Bromophenyl phenyl ether	958.3	310	1298	0	73.8	45-115	947.7	1.12	30	
4-Chloro-3-methylphenol	1123	310	1298	0	86.5	45-115	1119	0.386	30	
4-Chloroaniline	693.6	1,300	1298	0	53.4	15-110	645	0	30	J
4-Chlorophenyl phenyl ether	988.2	310	1298	0	76.1	45-110	970.8	1.78	30	
4-Methylphenol	1019	310	1298	0	78.5	40-105	1047	2.78	30	
4-Nitroaniline	840.3	1,300	1298	0	64.7	35-150	870.3	0	30	J
4-Nitrophenol	1115	1,300	1298	0	85.9	15-140	1066	0	30	J
Acenaphthene	928.5	58	1298	0	71.5	45-110	930.5	0.213	30	
Acenaphthylene	952.5	58	1298	0	73.4	45-105	954.9	0.254	30	
Anthracene	1081	58	1298	0	83.3	55-105	1049	2.96	30	
Benzo(a)anthracene	1049	58	1298	29.52	78.5	50-110	1011	3.63	30	
Benzo(a)pyrene	1045	58	1298	45.11	77	50-110	1014	2.94	30	
Benzo(b)fluoranthene	1233	58	1298	0	95	45-115	1203	2.47	30	
Benzo(g,h,i)perylene	1051	58	1298	0	81	40-125	986.7	6.33	30	
Benzo(k)fluoranthene	1178	58	1298	0	90.8	45-115	1149	2.56	30	
Bis(2-chloroethoxy)methane	918.1	310	1298	0	70.7	45-110	904	1.54	30	
Bis(2-chloroethyl)ether	1224	310	1298	0	94.3	40-105	1196	2.28	30	
Bis(2-chloroisopropyl)ether	963.5	310	1298	0	74.2	20-115	979.4	1.63	30	
Bis(2-ethylhexyl)phthalate	1070	640	1298	56.39	78.1	45-125	1056	1.31	30	
Butyl benzyl phthalate	1051	310	1298	40.8	77.9	50-125	1040	1.11	30	
Carbazole	1135	310	1298	0	87.4	50-150	1117	1.54	30	
Chrysene	1089	58	1298	0	83.9	55-110	1045	4.06	30	
Dibenzo(a,h)anthracene	1098	58	1298	0	84.6	40-125	1055	4.07	30	
Dibenzofuran	976.5	310	1298	0	75.2	50-105	975.4	0.112	30	
Diethyl phthalate	963.5	640	1298	21.89	72.6	50-115	932.5	3.28	30	
Dimethyl phthalate	987.5	640	1298	0	76.1	50-110	971.5	1.64	30	
Di-n-butyl phthalate	1150	640	1298	0	88.6	55-110	1119	2.67	30	
Di-n-octyl phthalate	1370	310	1298	0	106	40-130	1362	0.611	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051016
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48742	Instrument ID SVMS7		Method: SW8270							
Fluoranthene	1124	58	1298	0	86.6	55-115	1092	2.9	30	
Fluorene	994.7	58	1298	0	76.6	50-110	986	0.877	30	
Hexachlorobenzene	1035	310	1298	0	79.7	45-120	1030	0.514	30	
Hexachlorobutadiene	861.7	310	1298	0	66.4	40-115	847.2	1.69	30	
Hexachlorocyclopentadiene	922.7	640	1298	0	71.1	40-115	920.6	0.227	30	
Hexachloroethane	887	310	1298	0	68.3	35-110	886.9	0.0123	30	
Indeno(1,2,3-cd)pyrene	1116	58	1298	0	86	40-120	1072	4.03	30	
Isophorone	918.8	310	1298	0	70.8	45-110	917.3	0.164	30	
Naphthalene	907.1	58	1298	0	69.9	40-105	900.1	0.775	30	
Nitrobenzene	982.4	310	1298	0	75.7	40-115	984.7	0.236	30	
N-Nitrosodi-n-propylamine	942.1	310	1298	0	72.6	40-115	941.7	0.0435	30	
N-Nitrosodiphenylamine	1074	310	1298	0	82.8	50-115	1067	0.735	30	
Pentachlorophenol	1250	640	1298	43.12	93	25-120	1216	2.73	30	
Phenanthrene	1041	58	1298	0	80.2	50-110	1016	2.43	30	
Phenol	1047	310	1298	0	80.7	40-100	1045	0.169	30	
Pyrene	1147	58	1298	0	88.3	45-125	1144	0.225	30	
<i>Surr: 2,4,6-Tribromophenol</i>	2601	0	3244	0	80.2	34-140	2480	4.77	40	
<i>Surr: 2-Fluorobiphenyl</i>	2437	0	3244	0	75.1	12-100	2407	1.22	40	
<i>Surr: 2-Fluorophenol</i>	2824	0	3244	0	87	33-117	2773	1.82	40	
<i>Surr: 4-Terphenyl-d14</i>	3709	0	3244	0	114	25-137	3623	2.36	40	
<i>Surr: Nitrobenzene-d5</i>	2288	0	3244	0	70.5	37-107	2211	3.41	40	
<i>Surr: Phenol-d6</i>	2717	0	3244	0	83.8	40-106	2641	2.83	40	

The following samples were analyzed in this batch:

13051016-01B	13051016-02B	13051016-03B
13051016-04B	13051016-05B	13051016-06B
13051016-08B	13051016-09B	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051016
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48690** Instrument ID **VMS9** Method: **SW8260**

MBLK Sample ID: **MBLK-48690-48690** Units: **µg/Kg** Analysis Date: **05/28/13 12:51 PM**
 Client ID: Run ID: **VMS9_130528A** SeqNo: **2333173** Prep Date: **05/28/13** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	30								
1,1,2,2-Tetrachloroethane	ND	30								
1,1,2-Trichloroethane	ND	30								
1,1,2-Trichlorotrifluoroethane	ND	30								
1,1-Dichloroethane	ND	30								
1,1-Dichloroethene	ND	30								
1,2,4-Trichlorobenzene	ND	30								
1,2-Dibromo-3-chloropropane	ND	30								
1,2-Dibromoethane	ND	30								
1,2-Dichlorobenzene	ND	30								
1,2-Dichloroethane	ND	30								
1,2-Dichloropropane	ND	30								
1,3-Dichlorobenzene	ND	30								
1,4-Dichlorobenzene	ND	30								
2-Butanone	ND	200								
2-Hexanone	ND	30								
4-Methyl-2-pentanone	ND	30								
Acetone	232.5	100								
Benzene	ND	30								
Bromodichloromethane	ND	30								
Bromoform	ND	30								
Bromomethane	ND	75								
Carbon disulfide	ND	30								
Carbon tetrachloride	ND	30								
Chlorobenzene	ND	30								
Chloroethane	ND	100								
Chloroform	ND	30								
Chloromethane	293	100								
cis-1,2-Dichloroethene	ND	30								
cis-1,3-Dichloropropene	ND	30								
Cyclohexane	ND	30								
Dibromochloromethane	ND	30								
Dichlorodifluoromethane	ND	30								
Ethylbenzene	ND	30								
Isopropylbenzene	ND	30								
Methyl acetate	ND	200								
Methyl tert-butyl ether	ND	30								
Methylcyclohexane	ND	30								
Methylene chloride	ND	30								
Styrene	ND	30								
Tetrachloroethene	ND	30								
Toluene	ND	30								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 13051016
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48690	Instrument ID VMS9	Method: SW8260						
trans-1,2-Dichloroethene	ND	30						
trans-1,3-Dichloropropene	ND	30						
Trichloroethene	ND	30						
Trichlorofluoromethane	ND	30						
Vinyl chloride	ND	30						
Xylenes, Total	ND	90						
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>1030</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>103</i>	<i>70-130</i>	<i>0</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>1034</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>103</i>	<i>70-130</i>	<i>0</i>	
<i>Surr: Dibromofluoromethane</i>	<i>998.5</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>99.8</i>	<i>70-130</i>	<i>0</i>	
<i>Surr: Toluene-d8</i>	<i>1010</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>101</i>	<i>70-130</i>	<i>0</i>	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051016
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48690** Instrument ID **VMS9** Method: **SW8260**

LCS		Sample ID: LCS1-48690-48690			Units: µg/Kg		Analysis Date: 05/28/13 11:45 AM			
Client ID:		Run ID: VMS9_130528A			SeqNo: 2333172		Prep Date: 05/28/13		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	1074	30	1000	0	107	70-135	0			
1,1,2,2-Tetrachloroethane	1041	30	1000	0	104	55-130	0			
1,1,2-Trichloroethane	1058	30	1000	0	106	60-125	0			
1,1-Dichloroethane	1033	30	1000	0	103	75-125	0			
1,1-Dichloroethene	919.5	30	1000	0	92	65-135	0			
1,2,4-Trichlorobenzene	1008	30	1000	0	101	65-130	0			
1,2-Dibromo-3-chloropropane	989.5	30	1000	0	99	40-135	0			
1,2-Dibromoethane	1152	30	1000	0	115	70-125	0			
1,2-Dichlorobenzene	961	30	1000	0	96.1	75-120	0			
1,2-Dichloroethane	1030	30	1000	0	103	70-135	0			
1,2-Dichloropropane	1060	30	1000	0	106	70-120	0			
1,3-Dichlorobenzene	988.5	30	1000	0	98.8	70-125	0			
1,4-Dichlorobenzene	964	30	1000	0	96.4	70-125	0			
2-Butanone	1130	200	1000	0	113	30-160	0			
2-Hexanone	1150	30	1000	0	115	45-145	0			
4-Methyl-2-pentanone	1423	30	1000	0	142	45-145	0			
Acetone	1291	100	1000	0	129	20-160	0			B
Benzene	974	30	1000	0	97.4	75-125	0			
Bromodichloromethane	1180	30	1000	0	118	70-130	0			
Bromoform	1066	30	1000	0	107	55-135	0			
Bromomethane	1102	75	1000	0	110	30-160	0			
Carbon disulfide	1237	30	1000	0	124	45-160	0			
Carbon tetrachloride	961	30	1000	0	96.1	65-135	0			
Chlorobenzene	959	30	1000	0	95.9	75-125	0			
Chloroethane	865	100	1000	0	86.5	40-155	0			
Chloroform	1008	30	1000	0	101	70-125	0			
Chloromethane	978.5	100	1000	0	97.8	50-130	0			B
cis-1,2-Dichloroethene	1097	30	1000	0	110	65-125	0			
cis-1,3-Dichloropropene	1170	30	1000	0	117	70-125	0			
Dibromochloromethane	1066	30	1000	0	107	65-135	0			
Dichlorodifluoromethane	767.5	30	1000	0	76.8	35-135	0			
Ethylbenzene	978	30	1000	0	97.8	75-125	0			
Isopropylbenzene	963.5	30	1000	0	96.4	75-130	0			
Methyl tert-butyl ether	1190	30	1000	0	119	75-125	0			
Methylene chloride	1008	30	1000	0	101	55-145	0			
Styrene	1008	30	1000	0	101	75-125	0			
Tetrachloroethene	957.5	30	1000	0	95.8	64-140	0			
Toluene	969.5	30	1000	0	97	70-125	0			
trans-1,2-Dichloroethene	1054	30	1000	0	105	65-135	0			
trans-1,3-Dichloropropene	1146	30	1000	0	115	65-125	0			
Trichloroethene	990	30	1000	0	99	75-125	0			
Trichlorofluoromethane	949	30	1000	0	94.9	25-185	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 13051016
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48690	Instrument ID VMS9	Method: SW8260						
Vinyl chloride	941	30	1000	0	94.1	60-125	0	
Xylenes, Total	2864	90	3000	0	95.5	75-125	0	
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>1033</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>103</i>	<i>70-130</i>	<i>0</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>1026</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>103</i>	<i>70-130</i>	<i>0</i>	
<i>Surr: Dibromofluoromethane</i>	<i>1080</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>108</i>	<i>70-130</i>	<i>0</i>	
<i>Surr: Toluene-d8</i>	<i>1020</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>102</i>	<i>70-130</i>	<i>0</i>	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051016
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48690 Instrument ID VMS9 Method: SW8260

MS		Sample ID: 13051016-01A MS				Units: µg/Kg		Analysis Date: 05/30/13 07:32 PM		
Client ID: IA1-532-0-2W		Run ID: VMS9_130530A				SeqNo: 2336147		Prep Date: 05/28/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	999	30	1000	0	99.9	70-135	0			
1,1,2,2-Tetrachloroethane	989	30	1000	0	98.9	55-130	0			
1,1,2-Trichloroethane	1056	30	1000	0	106	60-125	0			
1,1-Dichloroethane	987.5	30	1000	0	98.8	75-125	0			
1,1-Dichloroethene	849	30	1000	0	84.9	65-135	0			
1,2,4-Trichlorobenzene	896	30	1000	0	89.6	65-130	0			
1,2-Dibromo-3-chloropropane	822	30	1000	0	82.2	40-135	0			
1,2-Dibromoethane	1126	30	1000	0	113	70-125	0			
1,2-Dichlorobenzene	922	30	1000	0	92.2	75-120	0			
1,2-Dichloroethane	1092	30	1000	0	109	70-135	0			
1,2-Dichloropropane	1084	30	1000	0	108	70-120	0			
1,3-Dichlorobenzene	957.5	30	1000	0	95.8	70-125	0			
1,4-Dichlorobenzene	938.5	30	1000	0	93.8	70-125	0			
2-Butanone	1007	200	1000	0	101	30-160	0			
2-Hexanone	1127	30	1000	0	113	45-145	0			
4-Methyl-2-pentanone	1390	30	1000	0	139	45-145	0			
Acetone	1416	100	1000	0	142	20-160	0			B
Benzene	967	30	1000	0	96.7	75-125	0			
Bromodichloromethane	1106	30	1000	0	111	70-130	0			
Bromoform	923	30	1000	0	92.3	55-135	0			
Bromomethane	986.5	75	1000	0	98.6	30-160	0			
Carbon disulfide	937.5	30	1000	0	93.8	45-160	0			
Carbon tetrachloride	1062	30	1000	0	106	65-135	0			
Chlorobenzene	952	30	1000	0	95.2	75-125	0			
Chloroethane	393	100	1000	0	39.3	40-155	0			S
Chloroform	1003	30	1000	0	100	70-125	0			
Chloromethane	892	100	1000	0	89.2	50-130	0			B
cis-1,2-Dichloroethene	1060	30	1000	0	106	65-125	0			
cis-1,3-Dichloropropene	1121	30	1000	0	112	70-125	0			
Dibromochloromethane	950	30	1000	0	95	65-135	0			
Dichlorodifluoromethane	456	30	1000	0	45.6	35-135	0			
Ethylbenzene	940	30	1000	0	94	75-125	0			
Isopropylbenzene	944.5	30	1000	0	94.4	75-130	0			
Methyl tert-butyl ether	1188	30	1000	0	119	75-125	0			
Methylene chloride	1018	30	1000	0	102	55-145	0			
Styrene	1014	30	1000	0	101	75-125	0			
Tetrachloroethene	901	30	1000	0	90.1	64-140	0			
Toluene	942	30	1000	0	94.2	70-125	0			
trans-1,2-Dichloroethene	1010	30	1000	0	101	65-135	0			
trans-1,3-Dichloropropene	1079	30	1000	0	108	65-125	0			
Trichloroethene	956.5	30	1000	0	95.6	75-125	0			
Trichlorofluoromethane	738.5	30	1000	0	73.8	25-185	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 13051016
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48690	Instrument ID VMS9	Method: SW8260							
Vinyl chloride	524	30	1000	0	52.4	60-125	0		S
Xylenes, Total	2826	90	3000	0	94.2	75-125	0		
<i>Surr: 1,2-Dichloroethane-d4</i>	1092	0	1000	0	109	70-130	0		
<i>Surr: 4-Bromofluorobenzene</i>	1038	0	1000	0	104	70-130	0		
<i>Surr: Dibromofluoromethane</i>	1038	0	1000	0	104	70-130	0		
<i>Surr: Toluene-d8</i>	1000	0	1000	0	100	70-130	0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051016
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48690 Instrument ID VMS9 Method: SW8260

MSD		Sample ID: 13051016-01A MSD				Units: µg/Kg		Analysis Date: 05/30/13 07:54 PM		
Client ID: IA1-532-0-2W		Run ID: VMS9_130530A				SeqNo: 2336148		Prep Date: 05/28/13		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	995	30	1000	0	99.5	70-135	999	0.401	30	
1,1,2,2-Tetrachloroethane	1016	30	1000	0	102	55-130	989	2.64	30	
1,1,2-Trichloroethane	1074	30	1000	0	107	60-125	1056	1.69	30	
1,1-Dichloroethane	988.5	30	1000	0	98.8	75-125	987.5	0.101	30	
1,1-Dichloroethene	802	30	1000	0	80.2	65-135	849	5.69	30	
1,2,4-Trichlorobenzene	922.5	30	1000	0	92.2	65-130	896	2.91	30	
1,2-Dibromo-3-chloropropane	832	30	1000	0	83.2	40-135	822	1.21	30	
1,2-Dibromoethane	1131	30	1000	0	113	70-125	1126	0.399	30	
1,2-Dichlorobenzene	950.5	30	1000	0	95	75-120	922	3.04	30	
1,2-Dichloroethane	1072	30	1000	0	107	70-135	1092	1.8	30	
1,2-Dichloropropane	1083	30	1000	0	108	70-120	1084	0.0462	30	
1,3-Dichlorobenzene	983	30	1000	0	98.3	70-125	957.5	2.63	30	
1,4-Dichlorobenzene	964.5	30	1000	0	96.4	70-125	938.5	2.73	30	
2-Butanone	1028	200	1000	0	103	30-160	1007	2.02	30	
2-Hexanone	1136	30	1000	0	114	45-145	1127	0.795	30	
4-Methyl-2-pentanone	1384	30	1000	0	138	45-145	1390	0.397	30	
Acetone	1326	100	1000	0	133	20-160	1416	6.49	30	B
Benzene	966.5	30	1000	0	96.6	75-125	967	0.0517	30	
Bromodichloromethane	1101	30	1000	0	110	70-130	1106	0.453	30	
Bromoform	918	30	1000	0	91.8	55-135	923	0.543	30	
Bromomethane	971.5	75	1000	0	97.2	30-160	986.5	1.53	30	
Carbon disulfide	911	30	1000	0	91.1	45-160	937.5	2.87	30	
Carbon tetrachloride	839	30	1000	0	83.9	65-135	1062	23.5	30	
Chlorobenzene	948	30	1000	0	94.8	75-125	952	0.421	30	
Chloroethane	606.5	100	1000	0	60.6	40-155	393	42.7	30	R
Chloroform	996.5	30	1000	0	99.6	70-125	1003	0.65	30	
Chloromethane	879.5	100	1000	0	88	50-130	892	1.41	30	B
cis-1,2-Dichloroethene	1037	30	1000	0	104	65-125	1060	2.15	30	
cis-1,3-Dichloropropene	1106	30	1000	0	111	70-125	1121	1.3	30	
Dibromochloromethane	955	30	1000	0	95.5	65-135	950	0.525	30	
Dichlorodifluoromethane	387.5	30	1000	0	38.8	35-135	456	16.2	30	
Ethylbenzene	936.5	30	1000	0	93.6	75-125	940	0.373	30	
Isopropylbenzene	909	30	1000	0	90.9	75-130	944.5	3.83	30	
Methyl tert-butyl ether	1207	30	1000	0	121	75-125	1188	1.63	30	
Methylene chloride	1002	30	1000	0	100	55-145	1018	1.63	30	
Styrene	995	30	1000	0	99.5	75-125	1014	1.94	30	
Tetrachloroethene	894.5	30	1000	0	89.4	64-140	901	0.724	30	
Toluene	934.5	30	1000	0	93.4	70-125	942	0.799	30	
trans-1,2-Dichloroethene	987.5	30	1000	0	98.8	65-135	1010	2.2	30	
trans-1,3-Dichloropropene	1092	30	1000	0	109	65-125	1079	1.15	30	
Trichloroethene	952	30	1000	0	95.2	75-125	956.5	0.472	30	
Trichlorofluoromethane	633	30	1000	0	63.3	25-185	738.5	15.4	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 13051016
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: 48690	Instrument ID VMS9	Method: SW8260								
Vinyl chloride	529	30	1000	0	52.9	60-125	524	0.95	30	S
Xylenes, Total	2806	90	3000	0	93.6	75-125	2826	0.692	30	
<i>Surr: 1,2-Dichloroethane-d4</i>	1066	0	1000	0	107	70-130	1092	2.36	30	
<i>Surr: 4-Bromofluorobenzene</i>	1020	0	1000	0	102	70-130	1038	1.7	30	
<i>Surr: Dibromofluoromethane</i>	1032	0	1000	0	103	70-130	1038	0.483	30	
<i>Surr: Toluene-d8</i>	1008	0	1000	0	101	70-130	1000	0.747	30	

The following samples were analyzed in this batch:

13051016-01A	13051016-02A	13051016-03A
13051016-04A	13051016-05A	13051016-06A
13051016-07A	13051016-08A	13051016-09A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051016
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **48706** Instrument ID **WETCHEM** Method: **SW7196A**

MBLK	Sample ID: MBLK-48706-48706		Units: mg/Kg		Analysis Date: 05/29/13 12:30 PM					
Client ID:	Run ID: WETCHEM_130529H		SeqNo: 2334147		Prep Date: 05/28/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent ND 0.50

LCS	Sample ID: LCS-48706-48706		Units: mg/Kg		Analysis Date: 05/29/13 12:30 PM					
Client ID:	Run ID: WETCHEM_130529H		SeqNo: 2334146		Prep Date: 05/28/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 1.817 0.50 1.992 0 91.2 75-110 0

MS	Sample ID: 1305901-01A MS		Units: mg/Kg		Analysis Date: 05/29/13 12:30 PM					
Client ID:	Run ID: WETCHEM_130529H		SeqNo: 2334136		Prep Date: 05/28/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 0.7176 0.49 1.961 0 36.6 60-130 0 S

MSD	Sample ID: 1305901-01A MSD		Units: mg/Kg		Analysis Date: 05/29/13 12:30 PM					
Client ID:	Run ID: WETCHEM_130529H		SeqNo: 2334137		Prep Date: 05/28/13 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 0.6732 0.49 1.969 0 34.2 60-130 0.7176 6.39 30 S

The following samples were analyzed in this batch:

13051016-01B	13051016-02B	13051016-03B
13051016-04B	13051016-05B	13051016-06B
13051016-08B	13051016-09B	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
Work Order: 13051016
Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R121374** Instrument ID **WETCHEM** Method: **SW9045D**

LCS	Sample ID: LCS-R121374-R121374		Units: s.u.		Analysis Date: 05/28/13 10:00 AM					
Client ID:	Run ID: WETCHEM_130528C		SeqNo: 2332572		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	4.49	0	4.4	0	102	90-110	0			

DUP	Sample ID: 13051016-01B DUP		Units: s.u.		Analysis Date: 05/28/13 10:00 AM					
Client ID: IA1-532-0-2W	Run ID: WETCHEM_130528C		SeqNo: 2332574		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	7.57	0	0	0	0	0-0	7.56	0.132	20	

The following samples were analyzed in this batch:

13051016-01B	13051016-02B	13051016-03B
13051016-04B	13051016-05B	13051016-06B
13051016-08B	13051016-09B	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051016
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R121415** Instrument ID **MOIST** Method: **A2540 G**

MBLK		Sample ID: WBLKS-R121415				Units: % of sample			Analysis Date: 05/28/13 02:00 PM		
Client ID:		Run ID: MOIST_130528A				SeqNo: 2333592		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Moisture	0.03	0.050								J	

LCS		Sample ID: LCS-R121415				Units: % of sample			Analysis Date: 05/28/13 02:00 PM		
Client ID:		Run ID: MOIST_130528A				SeqNo: 2333591		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Moisture	100	0.050	100		0	100	99.5-100.5	0			

DUP		Sample ID: 13051016-01B DUP				Units: % of sample			Analysis Date: 05/28/13 02:00 PM		
Client ID: IA1-532-0-2W		Run ID: MOIST_130528A				SeqNo: 2333572		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Moisture	12.16	0.050	0		0	0	0-0	12.6	3.55	20	

DUP		Sample ID: 1305994-01A DUP				Units: % of sample			Analysis Date: 05/28/13 02:00 PM		
Client ID:		Run ID: MOIST_130528A				SeqNo: 2333590		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Moisture	15.37	0.050	0		0	0	0-0	13.61	12.1	20	

The following samples were analyzed in this batch:

13051016-01B	13051016-02B	13051016-03B
13051016-04B	13051016-05B	13051016-06B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Weston Solutions, Inc
 Work Order: 13051016
 Project: 20405.016.001.2063.00/Whirlpool Park Site

QC BATCH REPORT

Batch ID: **R121419** Instrument ID **MOIST** Method: **A2540 G**

MBLK	Sample ID: WBLKS-R121419		Units: % of sample				Analysis Date: 05/28/13 03:05 PM			
Client ID:	Run ID: MOIST_130528B		SeqNo: 2333659		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture ND 0.050

LCS	Sample ID: LCS-R121419		Units: % of sample				Analysis Date: 05/28/13 03:05 PM			
Client ID:	Run ID: MOIST_130528B		SeqNo: 2333658		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 100 0.050 100 0 100 99.5-100.5 0

DUP	Sample ID: 13051016-08B DUP		Units: % of sample				Analysis Date: 05/28/13 03:05 PM			
Client ID: IA1-543-5-7W	Run ID: MOIST_130528B		SeqNo: 2333640		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 20.41 0.050 0 0 0 0-0 20.69 1.36 20

DUP	Sample ID: 13051044-02A DUP		Units: % of sample				Analysis Date: 05/28/13 03:05 PM			
Client ID:	Run ID: MOIST_130528B		SeqNo: 2333647		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 9.7 0.050 0 0 0 0-0 9.91 2.14 20

The following samples were analyzed in this batch:

13051016-08B	13051016-09B
--------------	--------------

Note: See Qualifiers Page for a list of Qualifiers and their explanation.



Cincinnati, OH
+1 513 733 5336

Fort Collins, CO
+1 970 490 1511

Everett, WA
+1 425 356 2600

Holland, MI
+1 616 399 6070

Chain of Custody Form

Houston, TX
+1 281 530 5656

Spring City, PA
+1 610 948 4903

South Charleston, WV
+1 304 356 3168

Middletown, PA
+1 717 944 5541

Salt Lake City, UT
+1 801 266 7700

York, PA
+1 717 505 5280

Page of

COC ID: 85284

Environmental

ALS Project Manager: TBS

ALS Work Order #: 13051016

Customer Information		Project Information		Parameter/Method Request for Analysis												
Purchase Order	0082447	Project Name	Whirlpool Park Site	A	VOCs - Target Compound List											
Work Order	<u>20405.016.001.2063.00</u>	Project Number	<u>20405.016.001.2063.00</u>	B	SVOCs - Target Compound List											
Company Name	Weston Solutions, Inc	Bill To Company	Weston Solutions, Inc	C	TAL Metals (including Hg) + Boron											
Send Report To	Lisa Graczyk	Invoice Attn	Lisa Graczyk	D	Hexavalent Chromium											
Address	20 North Wacker Drive Suite 1210	Address	20 North Wacker Drive Suite 1210	E	Pesticides											
				F	Herbicides											
City/State/Zip	Chicago, IL 60606	City/State/Zip	Chicago, IL 60606	G	PCBs											
Phone	(312) 424-3300	Phone	(312) 424-3300	H	pH											
Fax	(312) 424-3330	Fax	(312) 424-3330	I	pH											
e-Mail Address	<u>LGRACEYK@CSS-DYNAMAC.COM</u>	e-Mail Address	<u>LGRACEYK@CSS-DYNAMAC.COM</u>	J	Moisture											

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	IA1-532-0-2W	5/21/13	1630	SOIL	7	4	X	X	X	X	X	X	X	X	X	X	
2	AST-WIW	5/22/13	1245	SOIL	7	4	X	X	X	X	X	X	X	X	X	X	
3	IA1-531-8-10W	5/22/13	1605	SOIL	7	4	X	X	X	X	X	X	X	X	X	X	
4	IA1-526-0-2W	5/22/13	0845	SOIL	7	4	X	X	X	X	X	X	X	X	X	X	
5	IA1-525-0-2W	5/22/13	1335	SOIL	7	4	X	X	X	X	X	X	X	X	X	X	
6	IA1-545-8-10W	5/23/13	1000	SOIL	7	4	X	X	X	X	X	X	X	X	X	X	
7	TRIP-03	5/23/13	—	LIQID	7	1	X										
8	IA1-543-5-7W	5/23/13	1430	SOIL	7	4	X	X	X	X	X	X	X	X	X	X	
9	IA1-551-2-4W	5/24/13	0800	SOIL	7	4	X	X	X	X	X	X	X	X	X	X	
10																	

Sampler(s) Please Print & Sign <u>ANDREW KIEL</u>		Shipment Method		Required Turnaround Time: (Check Box) <input checked="" type="checkbox"/> Std 10 WK Days <input type="checkbox"/> 5 WK Days <input type="checkbox"/> Other <input type="checkbox"/> 2 WK Days <input type="checkbox"/> 24 Hour				Results Due Date:			
Relinquished by:	Date: <u>5/24/13</u>	Time: <u>1000</u>	Received by:	Notes: "Total" analyses <u>IA1-531-8-10W (CONTAMINATED)</u>							
Relinquished by:	Date: <u>5/24/13</u>	Time: <u>1900</u>	Received by (Laboratory):	Cooler ID	Cooler Temp. <u>4.8°C</u>	QC Package: (Check One Box Below)					
Logged by (Laboratory): <u>KE</u>	Date: <u>5/25/13</u>	Time: <u>0945</u>	Checked by (Laboratory): <u>TBS</u>	<input checked="" type="checkbox"/> Level II Std QC	<input type="checkbox"/> Level III Std QC/Raw Data	<input type="checkbox"/> Level IV SW846/CLP	<input type="checkbox"/> Other	<input type="checkbox"/> TRRP CheckList	<input type="checkbox"/> TRRP Level IV		
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5035											

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
 2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
 3. The Chain of Custody is a legal document. All information must be completed accurately.

Copyright 2011 by ALS Environmental.



ALS Environmental

3352 128th Avenue
Holland, Michigan 49424
Tel. +1 616 399 6070
Fax. +1 616 399 6185

CUSTODY SEAL

Date: 5/24/03
Name: [Signature]
Company: _____
Time: _____

Seal Broken By: _____
Date: _____

Sample Receipt Checklist

Client Name: **WESTON - CHI**

Date/Time Received: **25-May-13 00:00**

Work Order: **13051016**

Received by: **KRW**

Checklist completed by Keith Wurenga 25-May-13
eSignature Date

Reviewed by: Tom Bramish 28-May-13
eSignature Date

Matrices: Soil
Carrier name: City Transfer

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container/Temp Blank temperature in compliance? Yes No

Temperature(s)/Thermometer(s): 4.8 C

Cooler(s)/Kit(s):

Date/Time sample(s) sent to storage: 5/25/2013 9:05:29 AM

Water - VOA vials have zero headspace? Yes No No VOA vials submitted

Water - pH acceptable upon receipt? Yes No N/A

pH adjusted? Yes No N/A

pH adjusted by:

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

APPENDIX C
ANALYTICAL DATA VALIDATION REPORTS

**WHIRLPOOL PARK SITE ASSESSMENT
GREEN SPRINGS, SANDUSKY COUNTY, OHIO
DATA VALIDATION REPORT**

Date: July 19, 2013

Laboratory: ALS Environmental (ALS), Holland, Michigan

Laboratory Project #: 1305868

Data Validation Performed By: Linda Korobka, Weston Solutions, Inc. (WESTON®) Superfund Technical Assessment and Response Team (START)

Weston Analytical Work Order #/TDD #: 20405.016.001.2063.00/S05-0001-1212-007

This data validation report has been prepared by WESTON START under the START III Region V contract. This report documents the data validation for five soil samples, one surface water sample and two trip blanks collected for the Whirlpool Part 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
- Semi-volatile Organic Compounds (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, 7470 and 7471A
- TCLP Metals by SW-846 Methods 1311, 6020A, and 7470
- Hexavalent Chromium by SW-846 Method 7196A
- Moisture by A2540G
- pH by SW-846 Method 9045D

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

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 Prepared	Date Analyzed
IA2-56-000.5W	1305868-01	Soil	5/20/2013	5/23/2013	5/23/2013
IA1-54-0-2W	1305868-02	Soil	5/20/2013	5/23/2013	5/23/2013
IA1-513-2-4W	1305868-03	Soil	5/20/2013	5/23/2013	5/23/2013
SW-2-052113W	1305868-04	Water	5/21/2013	5/23/2013	5/23/2013
SED-2-052113-0001W	1305868-05	Soil	5/21/2013	5/23/2013	5/23/2013
IA1-59-2-4W	1305868-06	Soil	5/21/2013	5/23/2013	5/23/2013
Trip Blank - 01	1305868-07	Water	5/21/2013	5/23/2013	5/23/2013
Trip Blank - 02	1305868-08	Soil	5/21/2013	5/23/2013	5/23/2013

2. Holding Times

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

3. Blanks

Soil and water method blanks were analyzed with the VOC analyses. The soil method blank contained chloromethane at concentrations greater than the method detection limit (MDL). No action was taken because chloromethane were not detected in the associated samples. The water method blank was free of contamination.

In addition, the trip blank samples 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

Vinyl chloride was recovered below the laboratory QC limits in the soil LCS. Vinyl chloride results in the following samples were qualified as estimated (UJ or J).

IA2-56-000.5W

SED-2-052113-0001W

Data Validation Report
Whirlpool Park Site
ALS Environmental
Laboratory Project #: 1305868

IA1-54-0-2W	IA1-59-2-4W
IA1-513-2-4W	Trip Blank - 02

1,2-Dibromoethane was recovered above the laboratory QC limits in the water LCS. No action was taken because 1,2-Dibromoethane was not detected in the associated samples.

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. Vinyl chloride results in all soil samples were estimated due to a low LCS recovery.

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 Prepared	Date Analyzed
SW-2-052113W	1305868-09	Liquid	5/21/2013	5/24/2013	5/23/2013

2. Holding Times

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

3. Blanks

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

4. Surrogate Results

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

5. LCS Results

The LCS recoveries were within laboratory QC limits.

6. MS and MSD Results

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

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

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

SVOCs BY SW-846 METHOD 8270

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
IA2-56-000.5W	1305868-01	Soil	5/20/2013	5/22/2013	5/23/2013
IA1-54-0-2W	1305868-02	Soil	5/20/2013	5/22/2013	5/23/2013
IA1-513-2-4W	1305868-03	Soil	5/20/2013	5/22/2013	5/23/2013
SW-2-052113W	1305868-04	Water	5/21/2013	5/24/2013	5/24/2013
SED-2-052113-0001W	1305868-05	Soil	5/21/2013	5/22/2013	5/23/2013
IA1-59-2-4W	1305868-06	Soil	5/21/2013	5/22/2013	5/23/2013

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

Soil and water method blanks were analyzed with the SVOC analysis. The soil method blank was free of target compound contamination above the reporting limit. The water method blank contained Bis(2-ethyl hexyl) phthalate and Butyl benzyl phthalate at concentrations greater than the MDL. No action was taken because Bis(2-ethyl hexyl) phthalate and Butyl benzyl phthalate were not detected in the associated samples.

4. Surrogate Results

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

5. LCS Results

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

6. MS and MSD Results

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
SW-2-052113W	1305868-09	Liquid	5/21/2013	5/24/2013	5/24/2013

2. Holding Times

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

3. Blanks

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

4. Surrogate Results

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

5. LCS Results

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

6. MS and MSD Results

The MS/MSD audit was performed on sample SW-2-052113W. All MS and MSD recoveries were within the laboratory-established QC limits. All MS/MSD relative percent difference values (RPDs) were acceptable.

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

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

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
IA2-56-000.5W	1305868-01	Soil	5/20/2013	5/23/2013	5/24/2013
IA1-54-0-2W	1305868-02	Soil	5/20/2013	5/23/2013	5/24/2013
IA1-513-2-4W	1305868-03	Soil	5/20/2013	5/23/2013	5/24/2013
SW-2-052113W	1305868-04	Water	5/21/2013	5/23/2013	5/24/2013
SED-2-052113-0001W	1305868-05	Soil	5/21/2013	5/23/2013	5/24/2013
IA1-59-2-4W	1305868-06	Soil	5/21/2013	5/23/2013	5/24/2013

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

Soil and water method blanks were analyzed with the PCB analyses and were free of target compound contamination above the reporting limit.

4. Surrogates

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

5. LCS Results

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

6. MS and MSD Results

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

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

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

Data Validation Report
Whirlpool Park Site
ALS Environmental
Laboratory Project #: 1305868

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
IA2-56-000.5W	1305868-01	Soil	5/20/2013	5/23/2013	5/24/2013
IA1-54-0-2W	1305868-02	Soil	5/20/2013	5/23/2013	5/24/2013
IA1-513-2-4W	1305868-03	Soil	5/20/2013	5/23/2013	5/24/2013
SW-2-052113W	1305868-04	Water	5/21/2013	5/23/2013	5/24/2013
SED-2-052113-0001W	1305868-05	Soil	5/21/2013	5/23/2013	5/24/2013
IA1-59-2-4W	1305868-06	Soil	5/21/2013	5/23/2013	5/24/2013

2. Holding Times

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

3. Blanks

Soil and water 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 spike recoveries were within the laboratory-established QC limits.

5. LCS Results

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

6. MS and MSD Results

The MS/MSD audit was performed on sample IA2-56-000.5W. All MS and MSD recoveries were within the laboratory-established QC limits. All MS/MSD RPD values were acceptable.

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
SW-2-052113W	1305868-02	Liquid	5/21/2013	5/23/2013	5/24/2013

2. Holding Times

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

3. Blanks

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

4. Surrogates

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

5. LCS Results

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

6. MS and MSD Results

The MS/MSD audit was performed on sample SW-2-052113W. All MS and MSD recoveries were within the laboratory-established QC limits. The MS/MSD RPD values were acceptable.

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
IA2-56-000.5W	1305868-01	Soil	5/20/2013	5/24/2013	5/29/2013
IA1-54-0-2W	1305868-02	Soil	5/20/2013	5/24/2013	5/29/2013
IA1-513-2-4W	1305868-03	Soil	5/20/2013	5/24/2013	5/29/2013
SW-2-052113W	1305868-04	Water	5/21/2013	5/23/2013	5/28/2013
SED-2-052113-0001W	1305868-05	Soil	5/21/2013	5/24/2013	5/29/2013
IA1-59-2-4W	1305868-06	Soil	5/21/2013	5/24/2013	5/29/2013

2. Holding Times

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

3. Blanks

Soil and water 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 spike recoveries were within the laboratory-established QC limits.

5. LCS Results

2,4-D was recovered above the upper QC acceptance limits in the soil LCS. No action was taken because 2,4-D was not detected in the associated samples. The water LCS recoveries were within the laboratory-established QC limits.

6. MS and MSD Results

The soil MS/MSD audit was performed on sample IA2-56-000.5W. The 2,4-D matrix spike was recovered above the upper control limits. The MS/MSD RPD value for 2,4-D was outside the acceptance limits. The 2,4-D result in the parent sample (IA2-56-000.5W) was qualified as estimated (UJ).

The water MS/MSD audit was performed on a sample from another work order. Therefore, water 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 herbicide data are acceptable for use based on the information received. The 2,4-D result in sample IA2-56-000.5W was flagged as estimated due to poor precision.

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
TT5-053013W	13060009-02	Liquid	5/21/2013	5/23/2013	5/28/2013

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 spike recoveries were within the laboratory-established QC limits.

5. LCS Results

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

6. MS and MSD Results

The MS/MSD audit was performed on sample SW-2-052113W. All MS and MSD recoveries were within the laboratory-established QC limits. The MS/MSD RPD values were acceptable.

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 Prepared	Date Analyzed
IA2-56-000.5W	1305868-01	Soil	5/20/2013	5/22; 5/28	5/22; 5/28; 5/29
IA1-54-0-2W	1305868-02	Soil	5/20/2013	5/22; 5/28	5/22; 5/28; 5/29
IA1-513-2-4W	1305868-03	Soil	5/20/2013	5/22; 5/28	5/22; 5/28; 5/29
SW-2-052113W	1305868-04	Water	5/21/2013	5/24; 5/28	5/24/2013
SED-2-052113-0001W	1305868-05	Soil	5/21/2013	5/24; 5/28	5/22; 5/28; 5/29
IA1-59-2-4W	1305868-06	Soil	5/21/2013	5/24; 5/28	5/22; 5/28; 5/29

2. Holding Times

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

3. **Blank Results**

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

4. **LCS Results**

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

5. **MS and MSD Results**

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

6. **Field Duplicate Results**

There are no field duplicates associated with this work order.

7. **Overall Assessment**

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

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

1. **Samples**

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
SW-2-052113W	13065868-09	Liquid	5/21/2013	5/24/2013	5/24; 5/25

2. **Holding Times**

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

3. **Blank Results**

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

4. LCS Results

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

5. MS and MSD Results

A TCLP mercury MS/MSD audit was performed on sample SW-2-052113W. The MS and MSD recoveries were within the laboratory-established QC limits. The TCLP mercury MS/MSD RPD value was acceptable.

A TCLP TAL metals MS and MSD was not analyzed using a sample from this work order; therefore matrix interferences could not be evaluated for TCLP TAL metals samples in this work order using the MS/MSD.

6. Field Duplicate Results

There are no field duplicates associated with this work order.

7. Overall Assessment

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

GENERAL CHEMISTRY PARAMETERS (Hexavalent chromium by 7196A, Moisture by A2540G, and pH by SW-846 9045D)

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
IA2-56-000.5W	1305868-01	Soil	5/20/2013	5/22/2013	5/22; 5/23
IA1-54-0-2W	1305868-02	Soil	5/20/2013	5/22/2013	5/22; 5/23
IA1-513-2-4W	1305868-03	Soil	5/20/2013	5/22/2013	5/22; 5/23
SW-2-052113W	1305868-04	Water	5/21/2013	-	5/22/2013
SED-2-052113-0001W	1305868-05	Soil	5/21/2013	5/22/2013	5/22; 5/23
IA1-59-2-4W	1305868-06	Soil	5/21/2013	5/22/2013	5/22; 5/23

2. Holding Times

The method states that pH should be analyzed as soon as possible. For soil pH, the samples were analyzed 2 or 3 days from collection. The pH in soil results were qualified as estimated (J) due to blown holding times. The pH in water samples were analyzed within 24 hours of collection.

The hexavalent chromium in soil method states that the holding time is 24 hours from extract preparation. The hexavalent chromium samples were analyzed within 24 hours from extract preparation. The hexavalent chromium in water samples were analyzed within 24 hours of collection.

The percent solids analysis holding time is 7 days from collection. The percent solids samples were analyzed 1 or 2 days from collection.

3. LCS Results

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

5. Laboratory Duplicate Results

The laboratory duplicate 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 hexavalent chromium in soil samples in this work order using the MS/MSD.

Sample SW-2-052113W was used for the water hexavalent chromium MS/MSD audit. The hexavalent chromium MS and MSD recoveries were within the laboratory-established QC limits. The MS/MSD RPD value was acceptable.

7. Overall Assessment

The hexavalent chromium, pH in water and moisture data are acceptable for use without qualification. The pH in soil data are qualified as estimated due to blown holding times.

Data Validation Report
Whirlpool Park Site
ALS Environmental
Laboratory Project #: 1305868

ATTACHMENT

**ALS ENVIRONMENTAL
RESULTS SUMMARY WITH QUALIFIERS**

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: IA2-56-000.5W
Collection Date: 05/20/13 11:25 AM

Work Order: 1305868
Lab ID: 1305868-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/24/13	Analyst: JD
2,4,5-T	ND		0.053	mg/Kg-dry	1	05/29/13 02:54 PM
2,4,5-TP (Silvex)	ND		0.11	mg/Kg-dry	1	05/29/13 02:54 PM
2,4-D	ND		0.053	mg/Kg-dry	1	05/29/13 02:54 PM
Surr: DCAA	110		30-150	%REC	1	05/29/13 02:54 PM
PCBS			SW8082		Prep Date: 05/23/13	Analyst: JD
Aroclor 1016	ND		0.041	mg/Kg-dry	1	05/24/13 02:00 PM
Aroclor 1221	ND		0.041	mg/Kg-dry	1	05/24/13 02:00 PM
Aroclor 1232	ND		0.041	mg/Kg-dry	1	05/24/13 02:00 PM
Aroclor 1242	ND		0.041	mg/Kg-dry	1	05/24/13 02:00 PM
Aroclor 1248	ND		0.041	mg/Kg-dry	1	05/24/13 02:00 PM
Aroclor 1254	ND		0.041	mg/Kg-dry	1	05/24/13 02:00 PM
Aroclor 1260	ND		0.041	mg/Kg-dry	1	05/24/13 02:00 PM
Surr: Decachlorobiphenyl	74.1		40-140	%REC	1	05/24/13 02:00 PM
PESTICIDES			SW8081		Prep Date: 05/23/13	Analyst: JD
4,4'-DDD	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
4,4'-DDE	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
4,4'-DDT	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Aldrin	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
alpha-BHC	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
alpha-Chlordane	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
beta-BHC	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Chlordane, Technical	ND		0.10	mg/Kg-dry	4	05/24/13 12:20 PM
delta-BHC	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Dieldrin	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Endosulfan I	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Endosulfan II	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Endosulfan sulfate	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Endrin	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Endrin aldehyde	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Endrin ketone	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
gamma-BHC (Lindane)	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
gamma-Chlordane	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Heptachlor	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Heptachlor epoxide	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Methoxychlor	ND		0.041	mg/Kg-dry	4	05/24/13 12:20 PM
Toxaphene	ND		0.25	mg/Kg-dry	4	05/24/13 12:20 PM
Surr: Decachlorobiphenyl	112		45-135	%REC	4	05/24/13 12:20 PM
Surr: Tetrachloro-m-xylene	96.1		45-124	%REC	4	05/24/13 12:20 PM

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

20K 7/19/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: IA2-56-000.5W
Collection Date: 05/20/13 11:25 AM

Work Order: 1305868
Lab ID: 1305868-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVA			SW7471		Prep Date: 05/22/13	Analyst: LR
Mercury	0.035		0.015	mg/Kg-dry	1	05/22/13 05:30 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/28/13	Analyst: ML
Aluminum	6,700		3.5	mg/Kg-dry	5	05/29/13 03:14 PM
Antimony	ND		1.8	mg/Kg-dry	5	05/28/13 05:58 PM
Arsenic	7.9		1.8	mg/Kg-dry	5	05/28/13 05:58 PM
Barium	58		1.8	mg/Kg-dry	5	05/28/13 05:58 PM
Beryllium	ND		0.70	mg/Kg-dry	5	05/29/13 03:14 PM
Boron	ND		7.0	mg/Kg-dry	5	05/29/13 03:14 PM
Cadmium	ND		0.70	mg/Kg-dry	5	05/28/13 05:58 PM
Calcium	25,000		180	mg/Kg-dry	5	05/28/13 05:58 PM
Chromium	11		1.8	mg/Kg-dry	5	05/28/13 05:58 PM
Cobalt	5.1		1.8	mg/Kg-dry	5	05/29/13 03:14 PM
Copper	11		1.8	mg/Kg-dry	5	05/28/13 05:58 PM
Iron	16,000		28	mg/Kg-dry	5	05/28/13 05:58 PM
Lead	14		1.8	mg/Kg-dry	5	05/28/13 05:58 PM
Magnesium	9,500		70	mg/Kg-dry	5	05/29/13 03:14 PM
Manganese	300		1.8	mg/Kg-dry	5	05/28/13 05:58 PM
Nickel	13		1.8	mg/Kg-dry	5	05/28/13 05:58 PM
Potassium	1,000		70	mg/Kg-dry	5	05/28/13 05:58 PM
Selenium	ND		1.8	mg/Kg-dry	5	05/28/13 05:58 PM
Silver	ND		1.8	mg/Kg-dry	5	05/28/13 05:58 PM
Sodium	85		70	mg/Kg-dry	5	05/29/13 03:14 PM
Thallium	ND		1.8	mg/Kg-dry	5	05/28/13 05:58 PM
Vanadium	17		1.8	mg/Kg-dry	5	05/28/13 05:58 PM
Zinc	51		3.5	mg/Kg-dry	5	05/28/13 05:58 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/22/13	Analyst: RM
1,1'-Biphenyl	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
2,4,5-Trichlorophenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
2,4,6-Trichlorophenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
2,4-Dichlorophenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
2,4-Dimethylphenol	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
2,4-Dinitrophenol	ND		0.70	mg/Kg-dry	1	05/23/13 02:24 PM
2,4-Dinitrotoluene	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
2,6-Dinitrotoluene	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
2-Chloronaphthalene	ND		0.085	mg/Kg-dry	1	05/23/13 02:24 PM
2-Chlorophenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
2-Methylnaphthalene	ND		0.085	mg/Kg-dry	1	05/23/13 02:24 PM
2-Methylphenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM

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

JDC 7/19/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: IA2-56-000.5W
Collection Date: 05/20/13 11:25 AM

Work Order: 1305868
Lab ID: 1305868-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.70	mg/Kg-dry	1	05/23/13 02:24 PM
2-Nitrophenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
3,3'-Dichlorobenzidine	ND		0.70	mg/Kg-dry	1	05/23/13 02:24 PM
3-Nitroaniline	ND		0.70	mg/Kg-dry	1	05/23/13 02:24 PM
4,6-Dinitro-2-methylphenol	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
4-Bromophenyl phenyl ether	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
4-Chloro-3-methylphenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
4-Chloroaniline	ND		0.70	mg/Kg-dry	1	05/23/13 02:24 PM
4-Chlorophenyl phenyl ether	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
4-Methylphenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
4-Nitroaniline	ND		0.70	mg/Kg-dry	1	05/23/13 02:24 PM
4-Nitrophenol	ND		0.70	mg/Kg-dry	1	05/23/13 02:24 PM
Acenaphthene	ND		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Acenaphthylene	ND		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Acetophenone	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
Anthracene	ND		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Atrazine	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
Benzaldehyde	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
Benzo(a)anthracene	0.045		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Benzo(a)pyrene	0.051		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Benzo(b)fluoranthene	0.068		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Benzo(g,h,i)perylene	0.035		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Benzo(k)fluoranthene	ND		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Bis(2-chloroethoxy)methane	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
Bis(2-chloroethyl)ether	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
Bis(2-chloroisopropyl)ether	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
Bis(2-ethylhexyl)phthalate	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
Butyl benzyl phthalate	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
Caprolactam	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
Carbazole	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
Chrysene	0.053		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Dibenzo(a,h)anthracene	ND		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Dibenzofuran	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
Diethyl phthalate	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
Dimethyl phthalate	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
Di-n-butyl phthalate	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
Di-n-octyl phthalate	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
Fluoranthene	0.070		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Fluorene	ND		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Hexachlorobenzene	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM

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

24x 7/19/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: IA2-56-000.5W
Collection Date: 05/20/13 11:25 AM

Work Order: 1305868
Lab ID: 1305868-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
Hexachlorocyclopentadiene	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
Hexachloroethane	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
Indeno(1,2,3-cd)pyrene	0.040		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Isophorone	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
Naphthalene	ND		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Nitrobenzene	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
N-Nitrosodi-n-propylamine	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
N-Nitrosodiphenylamine	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
Pentachlorophenol	ND		0.35	mg/Kg-dry	1	05/23/13 02:24 PM
Phenanthrene	ND		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Phenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:24 PM
Pyrene	0.087		0.032	mg/Kg-dry	1	05/23/13 02:24 PM
Surr: 2,4,6-Tribromophenol	79.6		34-140	%REC	1	05/23/13 02:24 PM
Surr: 2-Fluorobiphenyl	77.6		12-100	%REC	1	05/23/13 02:24 PM
Surr: 2-Fluorophenol	99.6		33-117	%REC	1	05/23/13 02:24 PM
Surr: 4-Terphenyl-d14	125		25-137	%REC	1	05/23/13 02:24 PM
Surr: Nitrobenzene-d5	81.1		37-107	%REC	1	05/23/13 02:24 PM
Surr: Phenol-d6	97.5		40-106	%REC	1	05/23/13 02:24 PM
VOLATILE ORGANIC COMPOUNDS			SW8260	Prep Date: 05/23/13		Analyst: AK
1,1,1-Trichloroethane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,1,2,2-Tetrachloroethane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,1,2-Trichloroethane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,1,2-Trichlorotrifluoroethane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,1-Dichloroethane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,1-Dichloroethene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,2,4-Trichlorobenzene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,2-Dibromo-3-chloropropane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,2-Dibromoethane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,2-Dichlorobenzene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,2-Dichloroethane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,2-Dichloropropane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,3-Dichlorobenzene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
1,4-Dichlorobenzene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
2-Butanone	ND		0.22	mg/Kg-dry	1	05/23/13 08:09 PM
2-Hexanone	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
4-Methyl-2-pentanone	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Acetone	ND		0.11	mg/Kg-dry	1	05/23/13 08:09 PM
Benzene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Bromodichloromethane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM

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

AK 7/9/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: IA2-56-000.5W

Lab ID: 1305868-01

Collection Date: 05/20/13 11:25 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Bromomethane	ND		0.081	mg/Kg-dry	1	05/23/13 08:09 PM
Carbon disulfide	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Carbon tetrachloride	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Chlorobenzene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Chloroethane	ND		0.11	mg/Kg-dry	1	05/23/13 08:09 PM
Chloroform	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Chloromethane	ND		0.11	mg/Kg-dry	1	05/23/13 08:09 PM
cis-1,2-Dichloroethene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
cis-1,3-Dichloropropene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Cyclohexane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Dibromochloromethane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Dichlorodifluoromethane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Ethylbenzene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Isopropylbenzene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Methyl acetate	ND		0.22	mg/Kg-dry	1	05/23/13 08:09 PM
Methyl tert-butyl ether	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Methylcyclohexane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Methylene chloride	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Styrene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Tetrachloroethene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Toluene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
trans-1,2-Dichloroethene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
trans-1,3-Dichloropropene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Trichloroethene	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Trichlorofluoromethane	ND		0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Vinyl chloride	ND	✓	0.033	mg/Kg-dry	1	05/23/13 08:09 PM
Xylenes, Total	ND		0.098	mg/Kg-dry	1	05/23/13 08:09 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	106		70-130	%REC	1	05/23/13 08:09 PM
<i>Surr: 4-Bromofluorobenzene</i>	99.4		70-130	%REC	1	05/23/13 08:09 PM
<i>Surr: Dibromofluoromethane</i>	101		70-130	%REC	1	05/23/13 08:09 PM
<i>Surr: Toluene-d8</i>	101		70-130	%REC	1	05/23/13 08:09 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/22/13	Analyst: MB
Chromium, Hexavalent	ND		0.54	mg/Kg-dry	1	05/23/13 02:00 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	7.7		0.050	% of sample	1	05/22/13 02:49 PM
PH			SW9045D			Analyst: CH
pH	8.3	✓		s.u.	1	05/23/13 02:30 PM

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

294 7/14/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: IA1-54-0-2W
Collection Date: 05/20/13 01:41 PM

Work Order: 1305868
Lab ID: 1305868-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/24/13	Analyst: JD
2,4,5-T	ND		0.055	mg/Kg-dry	1	05/29/13 03:50 PM
2,4,5-TP (Silvex)	ND		0.11	mg/Kg-dry	1	05/29/13 03:50 PM
2,4-D	ND		0.055	mg/Kg-dry	1	05/29/13 03:50 PM
Surr: DCAA	106		30-150	%REC	1	05/29/13 03:50 PM
PCBS			SW8082		Prep Date: 05/23/13	Analyst: JD
Aroclor 1016	ND		0.045	mg/Kg-dry	1	05/24/13 02:59 PM
Aroclor 1221	ND		0.045	mg/Kg-dry	1	05/24/13 02:59 PM
Aroclor 1232	ND		0.045	mg/Kg-dry	1	05/24/13 02:59 PM
Aroclor 1242	ND		0.045	mg/Kg-dry	1	05/24/13 02:59 PM
Aroclor 1248	ND		0.045	mg/Kg-dry	1	05/24/13 02:59 PM
Aroclor 1254	ND		0.045	mg/Kg-dry	1	05/24/13 02:59 PM
Aroclor 1260	ND		0.045	mg/Kg-dry	1	05/24/13 02:59 PM
Surr: Decachlorobiphenyl	93.1		40-140	%REC	1	05/24/13 02:59 PM
PESTICIDES			SW8081		Prep Date: 05/23/13	Analyst: JD
4,4'-DDD	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
4,4'-DDE	0.093		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
4,4'-DDT	0.060		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Aldrin	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
alpha-BHC	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
alpha-Chlordane	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
beta-BHC	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Chlordane, Technical	ND		0.11	mg/Kg-dry	4	05/24/13 01:07 PM
delta-BHC	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Dieldrin	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Endosulfan I	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Endosulfan II	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Endosulfan sulfate	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Endrin	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Endrin aldehyde	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Endrin ketone	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
gamma-BHC (Lindane)	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
gamma-Chlordane	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Heptachlor	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Heptachlor epoxide	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Methoxychlor	ND		0.045	mg/Kg-dry	4	05/24/13 01:07 PM
Toxaphene	ND		0.27	mg/Kg-dry	4	05/24/13 01:07 PM
Surr: Decachlorobiphenyl	112		45-135	%REC	4	05/24/13 01:07 PM
Surr: Tetrachloro-m-xylene	96.1		45-124	%REC	4	05/24/13 01:07 PM

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

Handwritten: JOK 7/19/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: IA1-54-0-2W
Collection Date: 05/20/13 01:41 PM

Work Order: 1305868
Lab ID: 1305868-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVA						
Mercury	0.043		SW7471 0.017	mg/Kg-dry	Prep Date: 05/22/13 1	Analyst: LR 05/22/13 05:32 PM
METALS BY ICP-MS						
Aluminum	7,300		SW6020A 4.3	mg/Kg-dry	Prep Date: 05/28/13 5	Analyst: ML 05/29/13 03:20 PM
Antimony	ND		2.2	mg/Kg-dry	5	05/28/13 06:04 PM
Arsenic	7.4		2.2	mg/Kg-dry	5	05/28/13 06:04 PM
Barium	39		2.2	mg/Kg-dry	5	05/28/13 06:04 PM
Beryllium	ND		0.87	mg/Kg-dry	5	05/29/13 03:20 PM
Boron	ND		8.7	mg/Kg-dry	5	05/29/13 03:20 PM
Cadmium	ND		0.87	mg/Kg-dry	5	05/28/13 06:04 PM
Calcium	2,300		220	mg/Kg-dry	5	05/28/13 06:04 PM
Chromium	11		2.2	mg/Kg-dry	5	05/28/13 06:04 PM
Cobalt	6.3		2.2	mg/Kg-dry	5	05/29/13 03:20 PM
Copper	14		2.2	mg/Kg-dry	5	05/28/13 06:04 PM
Iron	16,000		35	mg/Kg-dry	5	05/28/13 06:04 PM
Lead	17		2.2	mg/Kg-dry	5	05/28/13 06:04 PM
Magnesium	2,100		87	mg/Kg-dry	5	05/29/13 03:20 PM
Manganese	260		2.2	mg/Kg-dry	5	05/28/13 06:04 PM
Nickel	14		2.2	mg/Kg-dry	5	05/28/13 06:04 PM
Potassium	1,100		87	mg/Kg-dry	5	05/28/13 06:04 PM
Selenium	ND		2.2	mg/Kg-dry	5	05/28/13 06:04 PM
Silver	ND		2.2	mg/Kg-dry	5	05/28/13 06:04 PM
Sodium	ND		87	mg/Kg-dry	5	05/29/13 03:20 PM
Thallium	ND		2.2	mg/Kg-dry	5	05/28/13 06:04 PM
Vanadium	16		2.2	mg/Kg-dry	5	05/28/13 06:04 PM
Zinc	51		4.3	mg/Kg-dry	5	05/28/13 06:04 PM
SEMI-VOLATILE ORGANIC COMPOUNDS						
1,1'-Biphenyl	ND		SW8270 0.36	mg/Kg-dry	Prep Date: 05/22/13 1	Analyst: RM 05/23/13 02:44 PM
2,4,5-Trichlorophenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
2,4,6-Trichlorophenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
2,4-Dichlorophenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
2,4-Dimethylphenol	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
2,4-Dinitrophenol	ND		0.72	mg/Kg-dry	1	05/23/13 02:44 PM
2,4-Dinitrotoluene	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
2,6-Dinitrotoluene	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
2-Chloronaphthalene	ND		0.087	mg/Kg-dry	1	05/23/13 02:44 PM
2-Chlorophenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
2-Methylnaphthalene	ND		0.087	mg/Kg-dry	1	05/23/13 02:44 PM
2-Methylphenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM

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

29x 2/19/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: IA1-54-0-2W

Lab ID: 1305868-02

Collection Date: 05/20/13 01:41 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.72	mg/Kg-dry	1	05/23/13 02:44 PM
2-Nitrophenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
3,3'-Dichlorobenzidine	ND		0.72	mg/Kg-dry	1	05/23/13 02:44 PM
3-Nitroaniline	ND		0.72	mg/Kg-dry	1	05/23/13 02:44 PM
4,6-Dinitro-2-methylphenol	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
4-Bromophenyl phenyl ether	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
4-Chloro-3-methylphenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
4-Chloroaniline	ND		0.72	mg/Kg-dry	1	05/23/13 02:44 PM
4-Chlorophenyl phenyl ether	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
4-Methylphenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
4-Nitroaniline	ND		0.72	mg/Kg-dry	1	05/23/13 02:44 PM
4-Nitrophenol	ND		0.72	mg/Kg-dry	1	05/23/13 02:44 PM
Acenaphthene	ND		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Acenaphthylene	ND		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Acetophenone	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
Anthracene	0.16		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Atrazine	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
Benzaldehyde	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
Benzo(a)anthracene	0.39		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Benzo(a)pyrene	0.37		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Benzo(b)fluoranthene	0.46		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Benzo(g,h,i)perylene	0.22		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Benzo(k)fluoranthene	0.17		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Bis(2-chloroethoxy)methane	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
Bis(2-chloroethyl)ether	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
Bis(2-chloroisopropyl)ether	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
Bis(2-ethylhexyl)phthalate	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
Butyl benzyl phthalate	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
Caprolactam	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
Carbazole	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
Chrysene	0.35		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Dibenzo(a,h)anthracene	0.050		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Dibenzofuran	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
Diethyl phthalate	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
Dimethyl phthalate	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
Di-n-butyl phthalate	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
Di-n-octyl phthalate	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
Fluoranthene	0.83		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Fluorene	0.047		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Hexachlorobenzene	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM

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

Handwritten: 242 7/6/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: IA1-54-0-2W
Collection Date: 05/20/13 01:41 PM

Work Order: 1305868
Lab ID: 1305868-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
Hexachlorocyclopentadiene	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
Hexachloroethane	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
Indeno(1,2,3-cd)pyrene	0.25		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Isophorone	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
Naphthalene	ND		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Nitrobenzene	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
N-Nitrosodi-n-propylamine	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
N-Nitrosodiphenylamine	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
Pentachlorophenol	ND		0.36	mg/Kg-dry	1	05/23/13 02:44 PM
Phenanthrene	0.58		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Phenol	ND		0.17	mg/Kg-dry	1	05/23/13 02:44 PM
Pyrene	0.99		0.033	mg/Kg-dry	1	05/23/13 02:44 PM
Surr: 2,4,6-Tribromophenol	83.2		34-140	%REC	1	05/23/13 02:44 PM
Surr: 2-Fluorobiphenyl	77.9		12-100	%REC	1	05/23/13 02:44 PM
Surr: 2-Fluorophenol	97.4		33-117	%REC	1	05/23/13 02:44 PM
Surr: 4-Terphenyl-d14	122		25-137	%REC	1	05/23/13 02:44 PM
Surr: Nitrobenzene-d5	82.2		37-107	%REC	1	05/23/13 02:44 PM
Surr: Phenol-d6	95.0		40-106	%REC	1	05/23/13 02:44 PM
VOLATILE ORGANIC COMPOUNDS			SW8260		Prep Date: 05/23/13	Analyst: AK
1,1,1-Trichloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,1,2,2-Tetrachloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,1,2-Trichloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,1,2-Trichlorotrifluoroethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,1-Dichloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,1-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,2,4-Trichlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,2-Dibromo-3-chloropropane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,2-Dibromoethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,2-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,2-Dichloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,2-Dichloropropane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,3-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
1,4-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
2-Butanone	ND		0.22	mg/Kg-dry	1	05/23/13 08:33 PM
2-Hexanone	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
4-Methyl-2-pentanone	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Acetone	ND		0.11	mg/Kg-dry	1	05/23/13 08:33 PM
Benzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Bromodichloromethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM

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

20K 7/19/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: IA1-54-0-2W
Collection Date: 05/20/13 01:41 PM

Work Order: 1305868
Lab ID: 1305868-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Bromomethane	ND		0.084	mg/Kg-dry	1	05/23/13 08:33 PM
Carbon disulfide	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Carbon tetrachloride	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Chlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Chloroethane	ND		0.11	mg/Kg-dry	1	05/23/13 08:33 PM
Chloroform	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Chloromethane	ND		0.11	mg/Kg-dry	1	05/23/13 08:33 PM
cis-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
cis-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Cyclohexane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Dibromochloromethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Dichlorodifluoromethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Ethylbenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Isopropylbenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Methyl acetate	ND		0.22	mg/Kg-dry	1	05/23/13 08:33 PM
Methyl tert-butyl ether	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Methylcyclohexane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Methylene chloride	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Styrene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Tetrachloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Toluene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
trans-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
trans-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Trichloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Trichlorofluoromethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Vinyl chloride	ND	5	0.034	mg/Kg-dry	1	05/23/13 08:33 PM
Xylenes, Total	ND		0.10	mg/Kg-dry	1	05/23/13 08:33 PM
Surr: 1,2-Dichloroethane-d4	112		70-130	%REC	1	05/23/13 08:33 PM
Surr: 4-Bromofluorobenzene	99.2		70-130	%REC	1	05/23/13 08:33 PM
Surr: Dibromofluoromethane	103		70-130	%REC	1	05/23/13 08:33 PM
Surr: Toluene-d8	98.6		70-130	%REC	1	05/23/13 08:33 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/22/13	Analyst: MB
Chromium, Hexavalent	ND		0.55	mg/Kg-dry	1	05/23/13 02:00 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	11		0.050	% of sample	1	05/22/13 02:49 PM
PH			SW9045D			Analyst: CH
pH	7.1	5		s.u.	1	05/23/13 02:30 PM

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

Handwritten signature and date: JOK 7/2/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: IA1-513-2-4W
Collection Date: 05/20/13 03:55 PM

Work Order: 1305868
Lab ID: 1305868-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/24/13	Analyst: JD
2,4,5-T	ND		0.055	mg/Kg-dry	1	05/29/13 04:04 PM
2,4,5-TP (Silvex)	ND		0.11	mg/Kg-dry	1	05/29/13 04:04 PM
2,4-D	ND		0.055	mg/Kg-dry	1	05/29/13 04:04 PM
Surr: DCAA	110		30-150	%REC	1	05/29/13 04:04 PM
PCBS			SW8082		Prep Date: 05/23/13	Analyst: JD
Aroclor 1016	ND		0.045	mg/Kg-dry	1	05/24/13 03:19 PM
Aroclor 1221	ND		0.045	mg/Kg-dry	1	05/24/13 03:19 PM
Aroclor 1232	ND		0.045	mg/Kg-dry	1	05/24/13 03:19 PM
Aroclor 1242	ND		0.045	mg/Kg-dry	1	05/24/13 03:19 PM
Aroclor 1248	ND		0.045	mg/Kg-dry	1	05/24/13 03:19 PM
Aroclor 1254	ND		0.045	mg/Kg-dry	1	05/24/13 03:19 PM
Aroclor 1260	ND		0.045	mg/Kg-dry	1	05/24/13 03:19 PM
Surr: Decachlorobiphenyl	98.1		40-140	%REC	1	05/24/13 03:19 PM
PESTICIDES			SW8081		Prep Date: 05/23/13	Analyst: JD
4,4'-DDD	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
4,4'-DDE	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
4,4'-DDT	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Aldrin	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
alpha-BHC	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
alpha-Chlordane	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
beta-BHC	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Chlordane, Technical	ND		0.028	mg/Kg-dry	1	05/24/13 01:23 PM
delta-BHC	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Dieldrin	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Endosulfan I	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Endosulfan II	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Endosulfan sulfate	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Endrin	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Endrin aldehyde	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Endrin ketone	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
gamma-BHC (Lindane)	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
gamma-Chlordane	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Heptachlor	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Heptachlor epoxide	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Methoxychlor	ND		0.011	mg/Kg-dry	1	05/24/13 01:23 PM
Toxaphene	ND		0.068	mg/Kg-dry	1	05/24/13 01:23 PM
Surr: Decachlorobiphenyl	104		45-135	%REC	1	05/24/13 01:23 PM
Surr: Tetrachloro-m-xylene	88.1		45-124	%REC	1	05/24/13 01:23 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
 Project: 20405.016.001.2063.00-Whirlpool Park Site
 Sample ID: IA1-513-2-4W
 Collection Date: 05/20/13 03:55 PM

Work Order: 1305868
 Lab ID: 1305868-03
 Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVA						
Mercury	ND		0.019	mg/Kg-dry	1	05/22/13 05:34 PM
METALS BY ICP-MS						
Aluminum	9,900		7.4	mg/Kg-dry	10	05/29/13 03:26 PM
Antimony	ND		1.8	mg/Kg-dry	5	05/28/13 06:10 PM
Arsenic	8.8		1.8	mg/Kg-dry	5	05/28/13 06:10 PM
Barium	88		1.8	mg/Kg-dry	5	05/28/13 06:10 PM
Beryllium	ND		1.5	mg/Kg-dry	10	05/29/13 03:26 PM
Boron	ND		15	mg/Kg-dry	10	05/29/13 03:26 PM
Cadmium	ND		0.74	mg/Kg-dry	5	05/28/13 06:10 PM
Calcium	64,000		370	mg/Kg-dry	10	05/29/13 03:26 PM
Chromium	19		1.8	mg/Kg-dry	5	05/28/13 06:10 PM
Cobalt	10		3.7	mg/Kg-dry	10	05/29/13 03:26 PM
Copper	21		1.8	mg/Kg-dry	5	05/28/13 06:10 PM
Iron	26,000		30	mg/Kg-dry	5	05/28/13 06:10 PM
Lead	13		1.8	mg/Kg-dry	5	05/28/13 06:10 PM
Magnesium	11,000		150	mg/Kg-dry	10	05/29/13 03:26 PM
Manganese	470		1.8	mg/Kg-dry	5	05/28/13 06:10 PM
Nickel	26		1.8	mg/Kg-dry	5	05/28/13 06:10 PM
Potassium	2,800		74	mg/Kg-dry	5	05/28/13 06:10 PM
Selenium	ND		1.8	mg/Kg-dry	5	05/28/13 06:10 PM
Silver	ND		1.8	mg/Kg-dry	5	05/28/13 06:10 PM
Sodium	150		150	mg/Kg-dry	10	05/29/13 03:26 PM
Thallium	ND		1.8	mg/Kg-dry	5	05/28/13 06:10 PM
Vanadium	25		1.8	mg/Kg-dry	5	05/28/13 06:10 PM
Zinc	59		3.7	mg/Kg-dry	5	05/28/13 06:10 PM
SEMI-VOLATILE ORGANIC COMPOUNDS						
1,1'-Biphenyl	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
2,4-Dimethylphenol	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
2,4-Dinitrophenol	ND		0.74	mg/Kg-dry	1	05/23/13 03:03 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
2-Chloronaphthalene	ND		0.089	mg/Kg-dry	1	05/23/13 03:03 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
2-Methylnaphthalene	ND		0.089	mg/Kg-dry	1	05/23/13 03:03 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM

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

JAK
 7/19/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
 Project: 20405.016.001.2063.00-Whirlpool Park Site
 Sample ID: IA1-513-2-4W
 Collection Date: 05/20/13 03:55 PM

Work Order: 1305868
 Lab ID: 1305868-03
 Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.74	mg/Kg-dry	1	05/23/13 03:03 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
3,3'-Dichlorobenzidine	ND		0.74	mg/Kg-dry	1	05/23/13 03:03 PM
3-Nitroaniline	ND		0.74	mg/Kg-dry	1	05/23/13 03:03 PM
4,6-Dinitro-2-methylphenol	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
4-Chloroaniline	ND		0.74	mg/Kg-dry	1	05/23/13 03:03 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
4-Nitroaniline	ND		0.74	mg/Kg-dry	1	05/23/13 03:03 PM
4-Nitrophenol	ND		0.74	mg/Kg-dry	1	05/23/13 03:03 PM
Acenaphthene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Acenaphthylene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Acetophenone	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
Anthracene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Atrazine	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
Benzaldehyde	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
Benzo(a)anthracene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Benzo(a)pyrene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Benzo(b)fluoranthene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Benzo(g,h,i)perylene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Benzo(k)fluoranthene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
Bis(2-ethylhexyl)phthalate	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
Caprolactam	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
Carbazole	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
Chrysene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Dibenzo(a,h)anthracene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
Diethyl phthalate	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
Dimethyl phthalate	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
Di-n-butyl phthalate	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
Fluoranthene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Fluorene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM

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

YAC
7/15/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: IA1-513-2-4W
Collection Date: 05/20/13 03:55 PM

Work Order: 1305868
Lab ID: 1305868-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
Hexachlorocyclopentadiene	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
Indeno(1,2,3-cd)pyrene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Isophorone	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
Naphthalene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
Pentachlorophenol	ND		0.37	mg/Kg-dry	1	05/23/13 03:03 PM
Phenanthrene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Phenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:03 PM
Pyrene	ND		0.034	mg/Kg-dry	1	05/23/13 03:03 PM
Surr: 2,4,6-Tribromophenol	83.0		34-140	%REC	1	05/23/13 03:03 PM
Surr: 2-Fluorobiphenyl	79.0		12-100	%REC	1	05/23/13 03:03 PM
Surr: 2-Fluorophenol	99.3		33-117	%REC	1	05/23/13 03:03 PM
Surr: 4-Terphenyl-d14	120		25-137	%REC	1	05/23/13 03:03 PM
Surr: Nitrobenzene-d5	84.9		37-107	%REC	1	05/23/13 03:03 PM
Surr: Phenol-d6	97.1		40-106	%REC	1	05/23/13 03:03 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Prep Date: 05/23/13

Analyst: AK

1,1,1-Trichloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,1,2,2-Tetrachloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,1,2-Trichloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,1,2-Trichlorotrifluoroethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,1-Dichloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,1-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,2,4-Trichlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,2-Dibromo-3-chloropropane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,2-Dibromoethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,2-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,2-Dichloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,2-Dichloropropane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,3-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
1,4-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
2-Butanone	ND		0.23	mg/Kg-dry	1	05/23/13 08:56 PM
2-Hexanone	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
4-Methyl-2-pentanone	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Acetone	ND		0.11	mg/Kg-dry	1	05/23/13 08:56 PM
Benzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Bromodichloromethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM

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

AK
7/24/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: IA1-513-2-4W
Collection Date: 05/20/13 03:55 PM

Work Order: 1305868
Lab ID: 1305868-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Bromomethane	ND		0.085	mg/Kg-dry	1	05/23/13 08:56 PM
Carbon disulfide	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Carbon tetrachloride	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Chlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Chloroethane	ND		0.11	mg/Kg-dry	1	05/23/13 08:56 PM
Chloroform	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Chloromethane	ND		0.11	mg/Kg-dry	1	05/23/13 08:56 PM
cis-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
cis-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Cyclohexane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Dibromochloromethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Dichlorodifluoromethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Ethylbenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Isopropylbenzene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Methyl acetate	ND		0.23	mg/Kg-dry	1	05/23/13 08:56 PM
Methyl tert-butyl ether	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Methylcyclohexane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Methylene chloride	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Styrene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Tetrachloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Toluene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
trans-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
trans-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Trichloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Trichlorofluoromethane	ND		0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Vinyl chloride	ND	3	0.034	mg/Kg-dry	1	05/23/13 08:56 PM
Xylenes, Total	ND		0.10	mg/Kg-dry	1	05/23/13 08:56 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	107		70-130	%REC	1	05/23/13 08:56 PM
<i>Surr: 4-Bromofluorobenzene</i>	101		70-130	%REC	1	05/23/13 08:56 PM
<i>Surr: Dibromofluoromethane</i>	97.3		70-130	%REC	1	05/23/13 08:56 PM
<i>Surr: Toluene-d8</i>	100		70-130	%REC	1	05/23/13 08:56 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/22/13	Analyst: MB
Chromium, Hexavalent	ND		0.56	mg/Kg-dry	1	05/23/13 02:00 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	12		0.050	% of sample	1	05/22/13 02:49 PM
PH			SW9045D			Analyst: CH
pH	8.6	3		s.u.	1	05/23/13 02:30 PM

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

JAK 7/2/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: SW-2-052113W

Lab ID: 1305868-04

Collection Date: 05/21/13 08:33 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/23/13	Analyst: JD
2,4,5-T	ND		0.0010	mg/L	1	05/28/13 01:52 PM
2,4,5-TP (Silvex)	ND		0.0020	mg/L	1	05/28/13 01:52 PM
2,4-D	ND		0.0020	mg/L	1	05/28/13 01:52 PM
Surr: DCAA	131		30-150	%REC	1	05/28/13 01:52 PM
PCBS			SW8082		Prep Date: 05/23/13	Analyst: JD
Aroclor 1016	ND		0.00020	mg/L	1	05/24/13 10:41 AM
Aroclor 1221	ND		0.00020	mg/L	1	05/24/13 10:41 AM
Aroclor 1232	ND		0.00020	mg/L	1	05/24/13 10:41 AM
Aroclor 1242	ND		0.00020	mg/L	1	05/24/13 10:41 AM
Aroclor 1248	ND		0.00020	mg/L	1	05/24/13 10:41 AM
Aroclor 1254	ND		0.00020	mg/L	1	05/24/13 10:41 AM
Aroclor 1260	ND		0.00020	mg/L	1	05/24/13 10:41 AM
Surr: Decachlorobiphenyl	59.0		40-140	%REC	1	05/24/13 10:41 AM
PESTICIDES			SW8081		Prep Date: 05/23/13	Analyst: JD
4,4'-DDD	ND		0.000020	mg/L	1	05/24/13 03:27 PM
4,4'-DDE	ND		0.000020	mg/L	1	05/24/13 03:27 PM
4,4'-DDT	ND		0.000020	mg/L	1	05/24/13 03:27 PM
Aldrin	ND		0.000010	mg/L	1	05/24/13 03:27 PM
alpha-BHC	ND		0.000010	mg/L	1	05/24/13 03:27 PM
alpha-Chlordane	ND		0.000020	mg/L	1	05/24/13 03:27 PM
beta-BHC	ND		0.000010	mg/L	1	05/24/13 03:27 PM
Chlordane, Technical	ND		0.00050	mg/L	1	05/24/13 03:27 PM
delta-BHC	ND		0.000010	mg/L	1	05/24/13 03:27 PM
Dieldrin	ND		0.000020	mg/L	1	05/24/13 03:27 PM
Endosulfan I	ND		0.000020	mg/L	1	05/24/13 03:27 PM
Endosulfan II	ND		0.000020	mg/L	1	05/24/13 03:27 PM
Endosulfan sulfate	ND		0.000020	mg/L	1	05/24/13 03:27 PM
Endrin	ND		0.000020	mg/L	1	05/24/13 03:27 PM
Endrin aldehyde	ND		0.000020	mg/L	1	05/24/13 03:27 PM
Endrin ketone	ND		0.000020	mg/L	1	05/24/13 03:27 PM
gamma-BHC (Lindane)	ND		0.000010	mg/L	1	05/24/13 03:27 PM
gamma-Chlordane	ND		0.000020	mg/L	1	05/24/13 03:27 PM
Heptachlor	ND		0.000010	mg/L	1	05/24/13 03:27 PM
Heptachlor epoxide	ND		0.000010	mg/L	1	05/24/13 03:27 PM
Hexachlorobenzene	ND		0.000010	mg/L	1	05/24/13 03:27 PM
Methoxychlor	ND		0.000040	mg/L	1	05/24/13 03:27 PM
Toxaphene	ND		0.0020	mg/L	1	05/24/13 03:27 PM
Surr: Decachlorobiphenyl	68.0		30-145	%REC	1	05/24/13 03:27 PM

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

Handwritten signature and date: 2/19/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: SW-2-052113W
Collection Date: 05/21/13 08:33 AM

Work Order: 1305868
Lab ID: 1305868-04
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Tetrachloro-m-xylene</i>	55.0		25-140	%REC	1	05/24/13 03:27 PM
MERCURY BY CVAA			SW7470		Prep Date: 05/24/13	Analyst: LR
Mercury	ND		0.00020	mg/L	1	05/24/13 03:00 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/24/13	Analyst: ML
Aluminum	0.047		0.010	mg/L	1	05/24/13 11:59 PM
Antimony	ND		0.0050	mg/L	1	05/24/13 11:59 PM
Arsenic	ND		0.0050	mg/L	1	05/24/13 11:59 PM
Barium	0.025		0.0050	mg/L	1	05/24/13 11:59 PM
Beryllium	ND		0.0020	mg/L	1	05/24/13 11:59 PM
Boron	0.18		0.020	mg/L	1	05/24/13 11:59 PM
Cadmium	ND		0.0020	mg/L	1	05/24/13 11:59 PM
Calcium	510		2.5	mg/L	5	05/28/13 03:40 PM
Chromium	ND		0.0050	mg/L	1	05/24/13 11:59 PM
Cobalt	ND		0.0050	mg/L	1	05/24/13 11:59 PM
Copper	ND		0.0050	mg/L	1	05/24/13 11:59 PM
Iron	ND		0.080	mg/L	1	05/24/13 11:59 PM
Lead	ND		0.0050	mg/L	1	05/24/13 11:59 PM
Magnesium	59		0.20	mg/L	1	05/24/13 11:59 PM
Manganese	0.024		0.0050	mg/L	1	05/24/13 11:59 PM
Nickel	ND		0.0050	mg/L	1	05/24/13 11:59 PM
Potassium	2.9		0.20	mg/L	1	05/24/13 11:59 PM
Selenium	ND		0.0050	mg/L	1	05/24/13 11:59 PM
Silver	ND		0.0050	mg/L	1	05/24/13 11:59 PM
Sodium	12		1.0	mg/L	5	05/28/13 03:40 PM
Thallium	ND		0.0050	mg/L	1	05/24/13 11:59 PM
Vanadium	ND		0.0050	mg/L	1	05/24/13 11:59 PM
Zinc	ND		0.010	mg/L	1	05/24/13 11:59 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/24/13	Analyst: HL
1,1'-Biphenyl	ND		0.0050	mg/L	1	05/24/13 08:30 PM
2,4,5-Trichlorophenol	ND		0.0050	mg/L	1	05/24/13 08:30 PM
2,4,6-Trichlorophenol	ND		0.0050	mg/L	1	05/24/13 08:30 PM
2,4-Dichlorophenol	ND		0.010	mg/L	1	05/24/13 08:30 PM
2,4-Dimethylphenol	ND		0.0050	mg/L	1	05/24/13 08:30 PM
2,4-Dinitrophenol	ND		0.0050	mg/L	1	05/24/13 08:30 PM
2,4-Dinitrotoluene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
2,6-Dinitrotoluene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
2-Chloronaphthalene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
2-Chlorophenol	ND		0.0050	mg/L	1	05/24/13 08:30 PM
2-Methylnaphthalene	ND		0.0050	mg/L	1	05/24/13 08:30 PM

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

Handwritten signature and date: JAK 7/18/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: SW-2-052113W
Collection Date: 05/21/13 08:33 AM

Work Order: 1305868
Lab ID: 1305868-04
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Methylphenol	ND		0.0050	mg/L	1	05/24/13 08:30 PM
2-Nitroaniline	ND		0.020	mg/L	1	05/24/13 08:30 PM
2-Nitrophenol	ND		0.0050	mg/L	1	05/24/13 08:30 PM
3,3'-Dichlorobenzidine	ND		0.0050	mg/L	1	05/24/13 08:30 PM
3-Nitroaniline	ND		0.020	mg/L	1	05/24/13 08:30 PM
4,6-Dinitro-2-methylphenol	ND		0.020	mg/L	1	05/24/13 08:30 PM
4-Bromophenyl phenyl ether	ND		0.0050	mg/L	1	05/24/13 08:30 PM
4-Chloro-3-methylphenol	ND		0.0050	mg/L	1	05/24/13 08:30 PM
4-Chloroaniline	ND		0.020	mg/L	1	05/24/13 08:30 PM
4-Chlorophenyl phenyl ether	ND		0.0050	mg/L	1	05/24/13 08:30 PM
4-Methylphenol	ND		0.0050	mg/L	1	05/24/13 08:30 PM
4-Nitroaniline	ND		0.020	mg/L	1	05/24/13 08:30 PM
4-Nitrophenol	ND		0.020	mg/L	1	05/24/13 08:30 PM
Acenaphthene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Acenaphthylene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Acetophenone	ND		0.0010	mg/L	1	05/24/13 08:30 PM
Anthracene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Atrazine	ND		0.010	mg/L	1	05/24/13 08:30 PM
Benzaldehyde	ND		0.0010	mg/L	1	05/24/13 08:30 PM
Benzo(a)anthracene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Benzo(a)pyrene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Benzo(b)fluoranthene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Benzo(g,h,i)perylene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Benzo(k)fluoranthene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Bis(2-chloroethoxy)methane	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Bis(2-chloroethyl)ether	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Bis(2-chloroisopropyl)ether	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Bis(2-ethylhexyl)phthalate	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Butyl benzyl phthalate	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Caprolactam	ND		0.010	mg/L	1	05/24/13 08:30 PM
Carbazole	ND		0.010	mg/L	1	05/24/13 08:30 PM
Chrysene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Dibenzo(a,h)anthracene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Dibenzofuran	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Diethyl phthalate	ND		0.020	mg/L	1	05/24/13 08:30 PM
Dimethyl phthalate	ND		0.020	mg/L	1	05/24/13 08:30 PM
Di-n-butyl phthalate	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Di-n-octyl phthalate	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Fluoranthene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Fluorene	ND		0.0050	mg/L	1	05/24/13 08:30 PM

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

YAK 7/6/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
 Project: 20405.016.001.2063.00-Whirlpool Park Site
 Sample ID: SW-2-052113W
 Collection Date: 05/21/13 08:33 AM

Work Order: 1305868
 Lab ID: 1305868-04
 Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobenzene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Hexachlorobutadiene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Hexachlorocyclopentadiene	ND		0.020	mg/L	1	05/24/13 08:30 PM
Hexachloroethane	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Indeno(1,2,3-cd)pyrene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Isophorone	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Naphthalene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Nitrobenzene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
N-Nitrosodi-n-propylamine	ND		0.0050	mg/L	1	05/24/13 08:30 PM
N-Nitrosodiphenylamine	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Pentachlorophenol	ND		0.020	mg/L	1	05/24/13 08:30 PM
Phenanthrene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Phenol	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Pyrene	ND		0.0050	mg/L	1	05/24/13 08:30 PM
Surr: 2,4,6-Tribromophenol	51.9		32-115	%REC	1	05/24/13 08:30 PM
Surr: 2-Fluorobiphenyl	68.0		32-100	%REC	1	05/24/13 08:30 PM
Surr: 2-Fluorophenol	41.2		22-59	%REC	1	05/24/13 08:30 PM
Surr: 4-Terphenyl-d14	89.4		23-112	%REC	1	05/24/13 08:30 PM
Surr: Nitrobenzene-d5	52.5		31-93	%REC	1	05/24/13 08:30 PM
Surr: Phenol-d6	21.3		13-36	%REC	1	05/24/13 08:30 PM
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: AK
1,1,1-Trichloroethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
1,1,2,2-Tetrachloroethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
1,1,2-Trichloroethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
1,1,2-Trichlorotrifluoroethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
1,1-Dichloroethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
1,1-Dichloroethene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
1,2,4-Trichlorobenzene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
1,2-Dibromo-3-chloropropane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
1,2-Dibromoethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
1,2-Dichlorobenzene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
1,2-Dichloroethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
1,2-Dichloropropane	ND		0.0020	mg/L	1	05/23/13 07:46 PM
1,3-Dichlorobenzene	ND		0.0020	mg/L	1	05/23/13 07:46 PM
1,4-Dichlorobenzene	ND		0.0020	mg/L	1	05/23/13 07:46 PM
2-Butanone	ND		0.0050	mg/L	1	05/23/13 07:46 PM
2-Hexanone	ND		0.0050	mg/L	1	05/23/13 07:46 PM
4-Methyl-2-pentanone	ND		0.0050	mg/L	1	05/23/13 07:46 PM
Acetone	ND		0.020	mg/L	1	05/23/13 07:46 PM
Benzene	ND		0.0010	mg/L	1	05/23/13 07:46 PM

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

AK 7/19/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: SW-2-052113W
Collection Date: 05/21/13 08:33 AM

Work Order: 1305868
Lab ID: 1305868-04
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromodichloromethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Bromoform	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Bromomethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Carbon disulfide	ND		0.0025	mg/L	1	05/23/13 07:46 PM
Carbon tetrachloride	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Chlorobenzene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Chloroethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Chloroform	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Chloromethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
cis-1,2-Dichloroethene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
cis-1,3-Dichloropropene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Cyclohexane	ND		0.0050	mg/L	1	05/23/13 07:46 PM
Dibromochloromethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Dichlorodifluoromethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Ethylbenzene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Isopropylbenzene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Methyl acetate	ND		0.0020	mg/L	1	05/23/13 07:46 PM
Methyl tert-butyl ether	ND		0.0050	mg/L	1	05/23/13 07:46 PM
Methylcyclohexane	ND		0.0050	mg/L	1	05/23/13 07:46 PM
Methylene chloride	ND		0.0050	mg/L	1	05/23/13 07:46 PM
Styrene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Tetrachloroethene	ND		0.0020	mg/L	1	05/23/13 07:46 PM
Toluene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
trans-1,2-Dichloroethene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
trans-1,3-Dichloropropene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Trichloroethene	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Trichlorofluoromethane	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Vinyl chloride	ND		0.0010	mg/L	1	05/23/13 07:46 PM
Xylenes, Total	ND		0.0030	mg/L	1	05/23/13 07:46 PM
Surr: 1,2-Dichloroethane-d4	105		70-120	%REC	1	05/23/13 07:46 PM
Surr: 4-Bromofluorobenzene	105		75-120	%REC	1	05/23/13 07:46 PM
Surr: Dibromofluoromethane	102		85-115	%REC	1	05/23/13 07:46 PM
Surr: Toluene-d8	100		85-120	%REC	1	05/23/13 07:46 PM
CHROMIUM, HEXAVALENT			SW7196A			Analyst: JB
Chromium, Hexavalent	ND		0.0050	mg/L	1	05/22/13 11:00 AM
PH			SW9040			Analyst: JB
pH	7.29			s.u.	1	05/22/13 10:30 AM

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

Handwritten signature and date: 7/16/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
 Project: 20405.016.001.2063.00-Whirlpool Park Site
 Sample ID: SED-2-052113-0001W
 Collection Date: 05/21/13 09:00 AM

Work Order: 1305868
 Lab ID: 1305868-05
 Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/24/13	Analyst: JD
2,4,5-T	ND		0.069	mg/Kg-dry	1	05/29/13 04:17 PM
2,4,5-TP (Silvex)	ND		0.14	mg/Kg-dry	1	05/29/13 04:17 PM
2,4-D	ND		0.069	mg/Kg-dry	1	05/29/13 04:17 PM
Surr: DCAA	113		30-150	%REC	1	05/29/13 04:17 PM
PCBS			SW8082		Prep Date: 05/23/13	Analyst: JD
Aroclor 1016	ND		0.056	mg/Kg-dry	1	05/24/13 04:19 PM
Aroclor 1221	ND		0.056	mg/Kg-dry	1	05/24/13 04:19 PM
Aroclor 1232	ND		0.056	mg/Kg-dry	1	05/24/13 04:19 PM
Aroclor 1242	ND		0.056	mg/Kg-dry	1	05/24/13 04:19 PM
Aroclor 1248	ND		0.056	mg/Kg-dry	1	05/24/13 04:19 PM
Aroclor 1254	ND		0.056	mg/Kg-dry	1	05/24/13 04:19 PM
Aroclor 1260	ND		0.056	mg/Kg-dry	1	05/24/13 04:19 PM
Surr: Decachlorobiphenyl	75.1		40-140	%REC	1	05/24/13 04:19 PM
PESTICIDES			SW8081		Prep Date: 05/23/13	Analyst: JD
4,4'-DDD	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
4,4'-DDE	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
4,4'-DDT	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Aldrin	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
alpha-BHC	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
alpha-Chlordane	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
beta-BHC	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Chlordane, Technical	ND		0.70	mg/Kg-dry	20	05/24/13 01:38 PM
delta-BHC	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Dieldrin	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Endosulfan I	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Endosulfan II	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Endosulfan sulfate	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Endrin	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Endrin aldehyde	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Endrin ketone	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
gamma-BHC (Lindane)	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
gamma-Chlordane	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Heptachlor	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Heptachlor epoxide	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Methoxychlor	ND		0.28	mg/Kg-dry	20	05/24/13 01:38 PM
Toxaphene	ND		1.7	mg/Kg-dry	20	05/24/13 01:38 PM
Surr: Decachlorobiphenyl	120		45-135	%REC	20	05/24/13 01:38 PM
Surr: Tetrachloro-m-xylene	100		45-124	%REC	20	05/24/13 01:38 PM

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

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: SED-2-052113-0001W
Collection Date: 05/21/13 09:00 AM

Work Order: 1305868
Lab ID: 1305868-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 05/24/13	Analyst: LR
Mercury	0.027		0.021	mg/Kg-dry	1	05/24/13 04:16 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/28/13	Analyst: ML
Aluminum	3,500		4.6	mg/Kg-dry	5	05/29/13 03:32 PM
Antimony	ND		2.3	mg/Kg-dry	5	05/28/13 06:16 PM
Arsenic	2.9		2.3	mg/Kg-dry	5	05/28/13 06:16 PM
Barium	31		2.3	mg/Kg-dry	5	05/28/13 06:16 PM
Beryllium	ND		0.92	mg/Kg-dry	5	05/29/13 03:32 PM
Boron	ND		9.2	mg/Kg-dry	5	05/29/13 03:32 PM
Cadmium	ND		0.92	mg/Kg-dry	5	05/28/13 06:16 PM
Calcium	24,000		230	mg/Kg-dry	5	05/28/13 06:16 PM
Chromium	6.2		2.3	mg/Kg-dry	5	05/28/13 06:16 PM
Cobalt	3.6		2.3	mg/Kg-dry	5	05/29/13 03:32 PM
Copper	13		2.3	mg/Kg-dry	5	05/28/13 06:16 PM
Iron	9,800		37	mg/Kg-dry	5	05/28/13 06:16 PM
Lead	9.8		2.3	mg/Kg-dry	5	05/28/13 06:16 PM
Magnesium	5,800		92	mg/Kg-dry	5	05/29/13 03:32 PM
Manganese	100		2.3	mg/Kg-dry	5	05/28/13 06:16 PM
Nickel	9.0		2.3	mg/Kg-dry	5	05/28/13 06:16 PM
Potassium	810		92	mg/Kg-dry	5	05/28/13 06:16 PM
Selenium	ND		2.3	mg/Kg-dry	5	05/28/13 06:16 PM
Silver	ND		2.3	mg/Kg-dry	5	05/28/13 06:16 PM
Sodium	ND		92	mg/Kg-dry	5	05/29/13 03:32 PM
Thallium	ND		2.3	mg/Kg-dry	5	05/28/13 06:16 PM
Vanadium	8.5		2.3	mg/Kg-dry	5	05/28/13 06:16 PM
Zinc	41		4.6	mg/Kg-dry	5	05/28/13 06:16 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/22/13	Analyst: RM
1,1'-Biphenyl	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
2,4,5-Trichlorophenol	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
2,4,6-Trichlorophenol	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
2,4-Dichlorophenol	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
2,4-Dimethylphenol	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
2,4-Dinitrophenol	ND		0.94	mg/Kg-dry	1	05/23/13 03:23 PM
2,4-Dinitrotoluene	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
2,6-Dinitrotoluene	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
2-Chloronaphthalene	ND		0.11	mg/Kg-dry	1	05/23/13 03:23 PM
2-Chlorophenol	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
2-Methylnaphthalene	ND		0.11	mg/Kg-dry	1	05/23/13 03:23 PM
2-Methylphenol	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM

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

Log 7/13/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
 Project: 20405.016.001.2063.00-Whirlpool Park Site
 Sample ID: SED-2-052113-0001W
 Collection Date: 05/21/13 09:00 AM

Work Order: 1305868
 Lab ID: 1305868-05
 Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.94	mg/Kg-dry	1	05/23/13 03:23 PM
2-Nitrophenol	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
3,3'-Dichlorobenzidine	ND		0.94	mg/Kg-dry	1	05/23/13 03:23 PM
3-Nitroaniline	ND		0.94	mg/Kg-dry	1	05/23/13 03:23 PM
4,6-Dinitro-2-methylphenol	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
4-Bromophenyl phenyl ether	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
4-Chloro-3-methylphenol	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
4-Chloroaniline	ND		0.94	mg/Kg-dry	1	05/23/13 03:23 PM
4-Chlorophenyl phenyl ether	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
4-Methylphenol	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
4-Nitroaniline	ND		0.94	mg/Kg-dry	1	05/23/13 03:23 PM
4-Nitrophenol	ND		0.94	mg/Kg-dry	1	05/23/13 03:23 PM
Acenaphthene	0.083		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Acenaphthylene	ND		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Acetophenone	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
Anthracene	0.18		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Atrazine	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
Benzaldehyde	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
Benzo(a)anthracene	0.37		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Benzo(a)pyrene	0.32		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Benzo(b)fluoranthene	0.44		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Benzo(g,h,i)perylene	0.18		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Benzo(k)fluoranthene	0.16		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Bis(2-chloroethoxy)methane	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
Bis(2-chloroethyl)ether	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
Bis(2-chloroisopropyl)ether	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
Bis(2-ethylhexyl)phthalate	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
Butyl benzyl phthalate	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
Caprolactam	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
Carbazole	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
Chrysene	0.35		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Dibenzo(a,h)anthracene	0.050		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Dibenzofuran	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
Diethyl phthalate	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
Dimethyl phthalate	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
Di-n-butyl phthalate	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
Di-n-octyl phthalate	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
Fluoranthene	0.74		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Fluorene	0.099		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Hexachlorobenzene	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM

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

Handwritten signature/initials in red ink.

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
 Project: 20405.016.001.2063.00-Whirlpool Park Site
 Sample ID: SED-2-052113-0001W
 Collection Date: 05/21/13 09:00 AM

Work Order: 1305868
 Lab ID: 1305868-05
 Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
Hexachlorocyclopentadiene	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
Hexachloroethane	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
Indeno(1,2,3-cd)pyrene	0.20		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Isophorone	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
Naphthalene	ND		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Nitrobenzene	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
N-Nitrosodi-n-propylamine	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
N-Nitrosodiphenylamine	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
Pentachlorophenol	ND		0.47	mg/Kg-dry	1	05/23/13 03:23 PM
Phenanthrene	0.69		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Phenol	ND		0.23	mg/Kg-dry	1	05/23/13 03:23 PM
Pyrene	0.86		0.043	mg/Kg-dry	1	05/23/13 03:23 PM
Surr: 2,4,6-Tribromophenol	79.4		34-140	%REC	1	05/23/13 03:23 PM
Surr: 2-Fluorobiphenyl	61.4		12-100	%REC	1	05/23/13 03:23 PM
Surr: 2-Fluorophenol	77.5		33-117	%REC	1	05/23/13 03:23 PM
Surr: 4-Terphenyl-d14	123		25-137	%REC	1	05/23/13 03:23 PM
Surr: Nitrobenzene-d5	59.9		37-107	%REC	1	05/23/13 03:23 PM
Surr: Phenol-d6	79.0		40-106	%REC	1	05/23/13 03:23 PM
VOLATILE ORGANIC COMPOUNDS			SW8260		Prep Date: 05/23/13	Analyst: AK
1,1,1-Trichloroethane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,1,2,2-Tetrachloroethane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,1,2-Trichloroethane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,1,2-Trichlorotrifluoroethane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,1-Dichloroethane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,1-Dichloroethene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,2,4-Trichlorobenzene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,2-Dibromo-3-chloropropane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,2-Dibromoethane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,2-Dichlorobenzene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,2-Dichloroethane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,2-Dichloropropane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,3-Dichlorobenzene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
1,4-Dichlorobenzene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
2-Butanone	ND		0.28	mg/Kg-dry	1	05/23/13 09:20 PM
2-Hexanone	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
4-Methyl-2-pentanone	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Acetone	ND		0.14	mg/Kg-dry	1	05/23/13 09:20 PM
Benzene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Bromodichloromethane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM

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

AK
 5/21/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: SED-2-052113-0001W
Collection Date: 05/21/13 09:00 AM

Work Order: 1305868
Lab ID: 1305868-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Bromomethane	ND		0.11	mg/Kg-dry	1	05/23/13 09:20 PM
Carbon disulfide	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Carbon tetrachloride	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Chlorobenzene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Chloroethane	ND		0.14	mg/Kg-dry	1	05/23/13 09:20 PM
Chloroform	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Chloromethane	ND		0.14	mg/Kg-dry	1	05/23/13 09:20 PM
cis-1,2-Dichloroethene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
cis-1,3-Dichloropropene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Cyclohexane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Dibromochloromethane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Dichlorodifluoromethane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Ethylbenzene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Isopropylbenzene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Methyl acetate	ND		0.28	mg/Kg-dry	1	05/23/13 09:20 PM
Methyl tert-butyl ether	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Methylcyclohexane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Methylene chloride	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Styrene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Tetrachloroethene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Toluene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
trans-1,2-Dichloroethene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
trans-1,3-Dichloropropene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Trichloroethene	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Trichlorofluoromethane	ND		0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Vinyl chloride	ND	5	0.043	mg/Kg-dry	1	05/23/13 09:20 PM
Xylenes, Total	ND		0.13	mg/Kg-dry	1	05/23/13 09:20 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	105		70-130	%REC	1	05/23/13 09:20 PM
<i>Surr: 4-Bromofluorobenzene</i>	99.1		70-130	%REC	1	05/23/13 09:20 PM
<i>Surr: Dibromofluoromethane</i>	97.4		70-130	%REC	1	05/23/13 09:20 PM
<i>Surr: Toluene-d8</i>	101		70-130	%REC	1	05/23/13 09:20 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/22/13	Analyst: MB
Chromium, Hexavalent	ND		0.70	mg/Kg-dry	1	05/23/13 02:00 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	30		0.050	% of sample	1	05/22/13 02:49 PM
PH			SW9045D			Analyst: CH
pH	8.1	5		s.u.	1	05/23/13 02:30 PM

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

JPK
7/19/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: IA1-59-2-4W
Collection Date: 05/21/13 10:10 AM

Work Order: 1305868
Lab ID: 1305868-06
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/24/13	Analyst: JD
2,4,5-T	ND		0.056	mg/Kg-dry	1	05/29/13 04:31 PM
2,4,5-TP (Silvex)	ND		0.11	mg/Kg-dry	1	05/29/13 04:31 PM
2,4-D	ND		0.056	mg/Kg-dry	1	05/29/13 04:31 PM
Surr: DCAA	102		30-150	%REC	1	05/29/13 04:31 PM
PCBS			SW8082		Prep Date: 05/23/13	Analyst: JD
Aroclor 1016	ND		0.045	mg/Kg-dry	1	05/24/13 04:39 PM
Aroclor 1221	ND		0.045	mg/Kg-dry	1	05/24/13 04:39 PM
Aroclor 1232	ND		0.045	mg/Kg-dry	1	05/24/13 04:39 PM
Aroclor 1242	ND		0.045	mg/Kg-dry	1	05/24/13 04:39 PM
Aroclor 1248	ND		0.045	mg/Kg-dry	1	05/24/13 04:39 PM
Aroclor 1254	ND		0.045	mg/Kg-dry	1	05/24/13 04:39 PM
Aroclor 1260	ND		0.045	mg/Kg-dry	1	05/24/13 04:39 PM
Surr: Decachlorobiphenyl	91.1		40-140	%REC	1	05/24/13 04:39 PM
PESTICIDES			SW8081		Prep Date: 05/23/13	Analyst: JD
4,4'-DDD	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
4,4'-DDE	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
4,4'-DDT	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Aldrin	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
alpha-BHC	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
alpha-Chlordane	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
beta-BHC	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Chlordane, Technical	ND		0.028	mg/Kg-dry	1	05/24/13 01:54 PM
delta-BHC	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Dieldrin	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Endosulfan I	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Endosulfan II	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Endosulfan sulfate	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Endrin	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Endrin aldehyde	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Endrin ketone	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
gamma-BHC (Lindane)	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
gamma-Chlordane	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Heptachlor	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Heptachlor epoxide	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Methoxychlor	ND		0.011	mg/Kg-dry	1	05/24/13 01:54 PM
Toxaphene	ND		0.068	mg/Kg-dry	1	05/24/13 01:54 PM
Surr: Decachlorobiphenyl	109		45-135	%REC	1	05/24/13 01:54 PM
Surr: Tetrachloro-m-xylene	94.1		45-124	%REC	1	05/24/13 01:54 PM

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

Handwritten signature: JPK 7/17/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: IA1-59-2-4W
Collection Date: 05/21/13 10:10 AM

Work Order: 1305868
Lab ID: 1305868-06
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 05/24/13	Analyst: LR
Mercury	0.029		0.016	mg/Kg-dry	1	05/24/13 04:19 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/28/13	Analyst: ML
Aluminum	7,900		4.5	mg/Kg-dry	5	05/29/13 03:38 PM
Antimony	ND		2.3	mg/Kg-dry	5	05/28/13 06:40 PM
Arsenic	12		2.3	mg/Kg-dry	5	05/28/13 06:40 PM
Barium	46		2.3	mg/Kg-dry	5	05/28/13 06:40 PM
Beryllium	ND		0.91	mg/Kg-dry	5	05/29/13 03:38 PM
Boron	ND		9.1	mg/Kg-dry	5	05/29/13 03:38 PM
Cadmium	ND		0.91	mg/Kg-dry	5	05/28/13 06:40 PM
Calcium	5,500		230	mg/Kg-dry	5	05/28/13 06:40 PM
Chromium	13		2.3	mg/Kg-dry	5	05/28/13 06:40 PM
Cobalt	10		2.3	mg/Kg-dry	5	05/29/13 03:38 PM
Copper	26		2.3	mg/Kg-dry	5	05/28/13 06:40 PM
Iron	25,000		36	mg/Kg-dry	5	05/28/13 06:40 PM
Lead	34		2.3	mg/Kg-dry	5	05/28/13 06:40 PM
Magnesium	3,200		91	mg/Kg-dry	5	05/29/13 03:38 PM
Manganese	340		2.3	mg/Kg-dry	5	05/28/13 06:40 PM
Nickel	21		2.3	mg/Kg-dry	5	05/28/13 06:40 PM
Potassium	1,300		91	mg/Kg-dry	5	05/28/13 06:40 PM
Selenium	ND		2.3	mg/Kg-dry	5	05/28/13 06:40 PM
Silver	ND		2.3	mg/Kg-dry	5	05/28/13 06:40 PM
Sodium	ND		91	mg/Kg-dry	5	05/29/13 03:38 PM
Thallium	ND		2.3	mg/Kg-dry	5	05/28/13 06:40 PM
Vanadium	19		2.3	mg/Kg-dry	5	05/28/13 06:40 PM
Zinc	79		4.5	mg/Kg-dry	5	05/28/13 06:40 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/22/13	Analyst: RM
1,1'-Biphenyl	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
2,4-Dimethylphenol	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
2,4-Dinitrophenol	ND		0.74	mg/Kg-dry	1	05/23/13 03:42 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
2-Chloronaphthalene	ND		0.090	mg/Kg-dry	1	05/23/13 03:42 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
2-Methylnaphthalene	ND		0.090	mg/Kg-dry	1	05/23/13 03:42 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM

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

gjk
5/29/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00-Whirlpool Park Site

Work Order: 1305868

Sample ID: IA1-59-2-4W

Lab ID: 1305868-06

Collection Date: 05/21/13 10:10 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.74	mg/Kg-dry	1	05/23/13 03:42 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
3,3'-Dichlorobenzidine	ND		0.74	mg/Kg-dry	1	05/23/13 03:42 PM
3-Nitroaniline	ND		0.74	mg/Kg-dry	1	05/23/13 03:42 PM
4,6-Dinitro-2-methylphenol	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
4-Chloroaniline	ND		0.74	mg/Kg-dry	1	05/23/13 03:42 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
4-Nitroaniline	ND		0.74	mg/Kg-dry	1	05/23/13 03:42 PM
4-Nitrophenol	ND		0.74	mg/Kg-dry	1	05/23/13 03:42 PM
Acenaphthene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Acenaphthylene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Acetophenone	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
Anthracene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Atrazine	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
Benzaldehyde	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
Benzo(a)anthracene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Benzo(a)pyrene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Benzo(b)fluoranthene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Benzo(g,h,i)perylene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Benzo(k)fluoranthene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
Bis(2-ethylhexyl)phthalate	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
Caprolactam	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
Carbazole	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
Chrysene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Dibenzo(a,h)anthracene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
Diethyl phthalate	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
Dimethyl phthalate	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
Di-n-butyl phthalate	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
Fluoranthene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Fluorene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM

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

Handwritten signature and date: JAC 7/1/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: IA1-59-2-4W
Collection Date: 05/21/13 10:10 AM

Work Order: 1305868
Lab ID: 1305868-06
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
Hexachlorocyclopentadiene	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
Indeno(1,2,3-cd)pyrene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Isophorone	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
Naphthalene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
Pentachlorophenol	ND		0.37	mg/Kg-dry	1	05/23/13 03:42 PM
Phenanthrene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Phenol	ND		0.18	mg/Kg-dry	1	05/23/13 03:42 PM
Pyrene	ND		0.034	mg/Kg-dry	1	05/23/13 03:42 PM
Surr: 2,4,6-Tribromophenol	82.3		34-140	%REC	1	05/23/13 03:42 PM
Surr: 2-Fluorobiphenyl	79.4		12-100	%REC	1	05/23/13 03:42 PM
Surr: 2-Fluorophenol	97.3		33-117	%REC	1	05/23/13 03:42 PM
Surr: 4-Terphenyl-d14	130		25-137	%REC	1	05/23/13 03:42 PM
Surr: Nitrobenzene-d5	85.4		37-107	%REC	1	05/23/13 03:42 PM
Surr: Phenol-d6	96.2		40-106	%REC	1	05/23/13 03:42 PM
VOLATILE ORGANIC COMPOUNDS			SW8260		Prep Date: 05/23/13	Analyst: AK
1,1,1-Trichloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,1,2,2-Tetrachloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,1,2-Trichloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,1,2-Trichlorotrifluoroethane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,1-Dichloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,1-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,2,4-Trichlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,2-Dibromo-3-chloropropane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,2-Dibromoethane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,2-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,2-Dichloroethane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,2-Dichloropropane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,3-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
1,4-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
2-Butanone	ND		0.23	mg/Kg-dry	1	05/23/13 09:43 PM
2-Hexanone	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
4-Methyl-2-pentanone	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Acetone	ND		0.11	mg/Kg-dry	1	05/23/13 09:43 PM
Benzene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Bromodichloromethane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM

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

Handwritten signature and date: 7/16/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: IA1-59-2-4W
Collection Date: 05/21/13 10:10 AM

Work Order: 1305868
Lab ID: 1305868-06
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Bromomethane	ND		0.085	mg/Kg-dry	1	05/23/13 09:43 PM
Carbon disulfide	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Carbon tetrachloride	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Chlorobenzene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Chloroethane	ND		0.11	mg/Kg-dry	1	05/23/13 09:43 PM
Chloroform	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Chloromethane	ND		0.11	mg/Kg-dry	1	05/23/13 09:43 PM
cis-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
cis-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Cyclohexane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Dibromochloromethane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Dichlorodifluoromethane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Ethylbenzene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Isopropylbenzene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Methyl acetate	ND		0.23	mg/Kg-dry	1	05/23/13 09:43 PM
Methyl tert-butyl ether	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Methylcyclohexane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Methylene chloride	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Styrene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Tetrachloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Toluene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
trans-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
trans-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Trichloroethene	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Trichlorofluoromethane	ND		0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Vinyl chloride	ND	J	0.034	mg/Kg-dry	1	05/23/13 09:43 PM
Xylenes, Total	ND		0.10	mg/Kg-dry	1	05/23/13 09:43 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	106		70-130	%REC	1	05/23/13 09:43 PM
<i>Surr: 4-Bromofluorobenzene</i>	99.2		70-130	%REC	1	05/23/13 09:43 PM
<i>Surr: Dibromofluoromethane</i>	97.8		70-130	%REC	1	05/23/13 09:43 PM
<i>Surr: Toluene-d8</i>	98.4		70-130	%REC	1	05/23/13 09:43 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/22/13	Analyst: MB
Chromium, Hexavalent	ND		0.56	mg/Kg-dry	1	05/23/13 02:00 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	12		0.050	% of sample	1	05/22/13 02:49 PM
PH			SW9045D			Analyst: CH
pH	7.8	J		s.u.	1	05/23/13 02:30 PM

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

JPK
7/10/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: Trip Blank-01
Collection Date: 05/21/13

Work Order: 1305868
Lab ID: 1305868-07
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: AK
1,1,1-Trichloroethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
1,1,2,2-Tetrachloroethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
1,1,2-Trichloroethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
1,1,2-Trichlorotrifluoroethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
1,1-Dichloroethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
1,1-Dichloroethene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
1,2,4-Trichlorobenzene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
1,2-Dibromo-3-chloropropane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
1,2-Dibromoethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
1,2-Dichlorobenzene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
1,2-Dichloroethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
1,2-Dichloropropane	ND		0.0020	mg/L	1	05/23/13 05:24 PM
1,3-Dichlorobenzene	ND		0.0020	mg/L	1	05/23/13 05:24 PM
1,4-Dichlorobenzene	ND		0.0020	mg/L	1	05/23/13 05:24 PM
2-Butanone	ND		0.0050	mg/L	1	05/23/13 05:24 PM
2-Hexanone	ND		0.0050	mg/L	1	05/23/13 05:24 PM
4-Methyl-2-pentanone	ND		0.0050	mg/L	1	05/23/13 05:24 PM
Acetone	ND		0.020	mg/L	1	05/23/13 05:24 PM
Benzene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Bromodichloromethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Bromoform	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Bromomethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Carbon disulfide	ND		0.0025	mg/L	1	05/23/13 05:24 PM
Carbon tetrachloride	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Chlorobenzene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Chloroethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Chloroform	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Chloromethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
cis-1,2-Dichloroethene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
cis-1,3-Dichloropropene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Cyclohexane	ND		0.0050	mg/L	1	05/23/13 05:24 PM
Dibromochloromethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Dichlorodifluoromethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Ethylbenzene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Isopropylbenzene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Methyl acetate	ND		0.0020	mg/L	1	05/23/13 05:24 PM
Methyl tert-butyl ether	ND		0.0050	mg/L	1	05/23/13 05:24 PM
Methylcyclohexane	ND		0.0050	mg/L	1	05/23/13 05:24 PM
Methylene chloride	ND		0.0050	mg/L	1	05/23/13 05:24 PM

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

AK
2/24/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
 Project: 20405.016.001.2063.00-Whirlpool Park Site
 Sample ID: Trip Blank-01
 Collection Date: 05/21/13

Work Order: 1305868
 Lab ID: 1305868-07
 Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Tetrachloroethene	ND		0.0020	mg/L	1	05/23/13 05:24 PM
Toluene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
trans-1,2-Dichloroethene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
trans-1,3-Dichloropropene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Trichloroethene	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Trichlorofluoromethane	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Vinyl chloride	ND		0.0010	mg/L	1	05/23/13 05:24 PM
Xylenes, Total	ND		0.0030	mg/L	1	05/23/13 05:24 PM
Surr: 1,2-Dichloroethane-d4	108		70-120	%REC	1	05/23/13 05:24 PM
Surr: 4-Bromofluorobenzene	106		75-120	%REC	1	05/23/13 05:24 PM
Surr: Dibromofluoromethane	102		85-115	%REC	1	05/23/13 05:24 PM
Surr: Toluene-d8	103		85-120	%REC	1	05/23/13 05:24 PM

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

JK
7/2/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: Trip Blank-02
Collection Date: 05/21/13

Work Order: 1305868
Lab ID: 1305868-08
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260		Prep Date: 05/23/13	Analyst: AK
1,1,1-Trichloroethane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,1,2,2-Tetrachloroethane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,1,2-Trichloroethane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,1,2-Trichlorotrifluoroethane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,1-Dichloroethane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,1-Dichloroethene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,2,4-Trichlorobenzene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,2-Dibromo-3-chloropropane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,2-Dibromoethane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,2-Dichlorobenzene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,2-Dichloroethane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,2-Dichloropropane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,3-Dichlorobenzene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
1,4-Dichlorobenzene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
2-Butanone	ND		0.20	mg/Kg	1	05/23/13 06:12 PM
2-Hexanone	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
4-Methyl-2-pentanone	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Acetone	ND		0.10	mg/Kg	1	05/23/13 06:12 PM
Benzene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Bromodichloromethane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Bromoform	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Bromomethane	ND		0.075	mg/Kg	1	05/23/13 06:12 PM
Carbon disulfide	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Carbon tetrachloride	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Chlorobenzene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Chloroethane	ND		0.10	mg/Kg	1	05/23/13 06:12 PM
Chloroform	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Chloromethane	ND		0.10	mg/Kg	1	05/23/13 06:12 PM
cis-1,2-Dichloroethene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
cis-1,3-Dichloropropene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Cyclohexane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Dibromochloromethane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Dichlorodifluoromethane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Ethylbenzene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Isopropylbenzene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Methyl acetate	ND		0.20	mg/Kg	1	05/23/13 06:12 PM
Methyl tert-butyl ether	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Methylcyclohexane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Methylene chloride	ND		0.030	mg/Kg	1	05/23/13 06:12 PM

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

YOK 7/6/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: Trip Blank-02
Collection Date: 05/21/13

Work Order: 1305868
Lab ID: 1305868-08
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Tetrachloroethene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Toluene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
trans-1,2-Dichloroethene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
trans-1,3-Dichloropropene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Trichloroethene	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Trichlorofluoromethane	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Vinyl chloride	ND		0.030	mg/Kg	1	05/23/13 06:12 PM
Xylenes, Total	ND		0.090	mg/Kg	1	05/23/13 06:12 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	109		70-130	%REC	1	05/23/13 06:12 PM
<i>Surr: 4-Bromofluorobenzene</i>	98.2		70-130	%REC	1	05/23/13 06:12 PM
<i>Surr: Dibromofluoromethane</i>	99.4		70-130	%REC	1	05/23/13 06:12 PM
<i>Surr: Toluene-d8</i>	99.0		70-130	%REC	1	05/23/13 06:12 PM

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

AK
7/19/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
 Project: 20405.016.001.2063.00-Whirlpool Park Site
 Sample ID: SW-2-052113W
 Collection Date: 05/21/13 08:33 AM
 Work Order: 1305868
 Lab ID: 1305868-09
 Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/23/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/28/13 02:08 PM
2,4-D	ND		0.0050	mg/L	1	05/28/13 02:08 PM
Surr: DCAA	125		30-150	%REC	1	05/28/13 02:08 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/23/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/24/13 03:43 PM
Endrin	ND		0.00025	mg/L	1	05/24/13 03:43 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/24/13 03:43 PM
Heptachlor	ND		0.00025	mg/L	1	05/24/13 03:43 PM
Methoxychlor	ND		0.00025	mg/L	1	05/24/13 03:43 PM
Toxaphene	ND		0.020	mg/L	1	05/24/13 03:43 PM
Surr: Decachlorobiphenyl	83.0		30-135	%REC	1	05/24/13 03:43 PM
Surr: Tetrachloro-m-xylene	62.0		25-140	%REC	1	05/24/13 03:43 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/24/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/24/13 03:02 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/24/13	Analyst: ML
Arsenic	ND		0.010	mg/L	1	05/25/13 12:05 AM
Barium	ND		0.050	mg/L	1	05/25/13 12:05 AM
Cadmium	ND		0.0020	mg/L	1	05/25/13 12:05 AM
Chromium	ND		0.020	mg/L	1	05/25/13 12:05 AM
Lead	ND		0.010	mg/L	1	05/25/13 12:05 AM
Selenium	ND		0.020	mg/L	1	05/25/13 12:05 AM
Silver	ND		0.0050	mg/L	1	05/25/13 12:05 AM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/24/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/24/13 08:09 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/24/13 08:09 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/24/13 08:09 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/24/13 08:09 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/24/13 08:09 PM
Hexachlorobenzene	ND		0.10	mg/L	1	05/24/13 08:09 PM
Hexachloroethane	ND		0.10	mg/L	1	05/24/13 08:09 PM
m-Cresol	ND		0.10	mg/L	1	05/24/13 08:09 PM
Nitrobenzene	ND		0.10	mg/L	1	05/24/13 08:09 PM
o-Cresol	ND		0.10	mg/L	1	05/24/13 08:09 PM
p-Cresol	ND		0.10	mg/L	1	05/24/13 08:09 PM
Pentachlorophenol	ND		0.40	mg/L	1	05/24/13 08:09 PM
Pyridine	ND		0.40	mg/L	1	05/24/13 08:09 PM
Surr: 2,4,6-Tribromophenol	51.1		21-125	%REC	1	05/24/13 08:09 PM

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

Handwritten signature and date: JPK 7/16/13

ALS Group USA, Corp

Date: 31-May-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00-Whirlpool Park Site
Sample ID: SW-2-052113W
Collection Date: 05/21/13 08:33 AM

Work Order: 1305868
Lab ID: 1305868-09
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	67.5		39-94	%REC	1	05/24/13 08:09 PM
Surr: 2-Fluorophenol	43.9		10-75	%REC	1	05/24/13 08:09 PM
Surr: 4-Terphenyl-d14	94.2		26-119	%REC	1	05/24/13 08:09 PM
Surr: Nitrobenzene-d5	51.6		41-104	%REC	1	05/24/13 08:09 PM
Surr: Phenol-d6	23.4		11-50	%REC	1	05/24/13 08:09 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/22/13	Analyst: AK
1,1-Dichloroethene	ND		0.020	mg/L	20	05/23/13 07:22 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/23/13 07:22 PM
2-Butanone	ND		0.20	mg/L	20	05/23/13 07:22 PM
Benzene	ND		0.020	mg/L	20	05/23/13 07:22 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/23/13 07:22 PM
Chlorobenzene	ND		0.020	mg/L	20	05/23/13 07:22 PM
Chloroform	ND		0.020	mg/L	20	05/23/13 07:22 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/23/13 07:22 PM
Trichloroethene	ND		0.020	mg/L	20	05/23/13 07:22 PM
Vinyl chloride	ND		0.020	mg/L	20	05/23/13 07:22 PM
Surr: 1,2-Dichloroethane-d4	107		70-130	%REC	20	05/23/13 07:22 PM
Surr: 4-Bromofluorobenzene	100		70-130	%REC	20	05/23/13 07:22 PM
Surr: Dibromofluoromethane	97.6		70-130	%REC	20	05/23/13 07:22 PM
Surr: Toluene-d8	100		70-130	%REC	20	05/23/13 07:22 PM

JPK
7/15/13

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

**WHIRLPOOL PARK SITE ASSESSMENT
GREEN SPRINGS, SANDUSKY COUNTY, OHIO
DATA VALIDATION REPORT**

Date: July 18, 2013

Laboratory: ALS Environmental (ALS), Holland, Michigan

Laboratory Project #: 1306009

Data Validation Performed By: Linda Korobka, Weston Solutions, Inc. (WESTON®) Superfund Technical Assessment and Response Team (START)

Weston Analytical Work Order #/TDD #: 20405.016.001.2063.00/S05-0001-1212-007

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 soil samples plus one methanol trip blank collected for the Whirlpool Part 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 Compounds (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 7471A
- Hexavalent Chromium by SW-846 Method 7196A
- Moisture by A2540G
- pH by SW-846 Method 9045D

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

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 Prepared	Date Analyzed
TT5-053113W	1306009-01	Soil	5/30/2013	6/3/2013	6/3/2013
S14-0001W	1306009-03	Soil	5/30/2013	6/3/2013	6/3/2013
Trip-04	1306009-05	Soil	5/30/2013	6/3/2013	6/3/2013

2. Holding Times

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

3. Blanks

A method blank was analyzed with the VOC analyses. The method blank contained acetone and chloromethane at concentrations greater than the method detection limit (MDL). No action was taken because acetone and chloromethane were not detected in the associated samples.

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

4. Surrogate Results

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

5. Laboratory Control Sample (LCS) Results

The LCS recoveries were within laboratory QC limits.

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

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

7. **Field Duplicate Results**

There are no field duplicates associated with this work order.

8. **Overall Assessment**

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

TCLP VOCs by SW-846 METHODS 1311 AND 8260

1. **Samples**

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
TT5-053113W	1306009-02	Liquid	5/30/2013	6/3/2013	6/6/2013
S14-0001W	1306009-04	Liquid	5/30/2013	6/3/2013	6/6/2013

2. **Holding Times**

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

3. **Blanks**

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

4. **Surrogate Results**

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

5. **LCS Results**

The LCS recoveries were within laboratory QC limits.

6. MS and MSD Results

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

7. Field Duplicate Results

There are no field duplicates associated with this work order.

8. Overall Assessment

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

SVOCs BY SW-846 METHOD 8270

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
TT5-053013W	1306009-01	Soil	5/30/2013	6/3/2013	6/5/2013
S14-0001W	1306009-03	Soil	5/30/2013	6/3/2013	6/5/2013

2. Holding Times

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

3. Blanks

A method blank was analyzed with the SVOC analysis. The method blank contained Bis(2-ethyl hexyl) phthalate and Butyl benzyl phthalate at concentrations greater than the MDL. No action was taken because Bis (2-ethyl hexyl) phthalate and Butyl benzyl phthalate were not detected in the associated samples.

4. Surrogate Results

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

5. LCS Results

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

6. MS and MSD Results

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
TT5-053013W	1306009-02	Liquid	5/30/2013	6/5/2013	6/6/2013
S14-0001W	1306009-04	Liquid	5/30/2013	6/5/2013	6/6/2013

2. Holding Times

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

3. Blanks

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

4. Surrogate Results

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

5. **LCS Results**

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

6. **MS and MSD Results**

The MS/MSD audit was performed on sample TT5-053013W. All MS and MSD recoveries were within the laboratory-established QC limits. All MS/MSD relative percent difference values (RPDs) were acceptable.

7. **Field Duplicate Results**

There are no field duplicates associated with this work order.

8. **Overall Assessment**

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

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

1. **Samples**

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
TT5-053013W	1306009-01	Soil	5/30/2013	6/4/2013	6/4/2013
S14-0001W	1306009-03	Soil	5/30/2013	6/4/2013	6/5/2013

2. **Holding Times**

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

3. **Blanks**

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

4. **Surrogates**

The surrogate recoveries were within QC limits.

5. **LCS Results**

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

6. **MS and MSD Results**

The MS/MSD audit was performed on sample TT5-053013W. All MS and MSD recoveries were within the laboratory-established QC limits. All MS/MSD RPD values were acceptable.

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
TT5-053013W	1306009-01	Soil	5/30/2013	6/4/2013	6/7/2013
S14-0001W	1306009-03	Soil	5/30/2013	6/4/2013	6/7/2013

2. **Holding Times**

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

3. **Blanks**

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

4. Surrogates

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

5. LCS Results

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

6. MS and MSD Results

The MS/MSD audit was performed on sample TT5-053013W. The MS recoveries for the following compounds were outside the laboratory-established QC limits.

4,4-DDE – 130%	Endosulfan Sulfate – 0%
4,4-DDT – 140%	Endrin Aldehyde – 0%
Alpha-BHC – 0%	Endrin Ketone – 0%
Beta-BHC – 0%	Gamma-BHC – 0%
Delta-BHC – 0%	Heptachlor – 0%

The MSD recoveries for the following compounds were outside the laboratory-established QC limits.

4,4-DDE – 160%	Endosulfan Sulfate – 50%
4,4-DDT – 160%	Endrin Aldehyde – 0%
Beta-BHC – 0%	Gamma-BHC – 0%
Delta-BHC – 0%	Heptachlor – 0%
Dieldrin – 140%	

As a result the Alpha-BHC, Beta-BHC, Delta-BHC, Endosulfan Sulfate, Dieldrin, Endrin Aldehyde, Endrin Ketone, Gamma-BHC and Heptachlor results in the parent sample (TT5-053013W) were qualified as estimated (UJ).

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. Alpha-BHC, Beta-BHC, Delta-BHC, Endosulfan Sulfate, Dieldrin, Endrin Aldehyde, Endrin Ketone, Gamma-BHC and Heptachlor results in sample TT5-053013W were flagged as estimated due to low MS and MSD recoveries.

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
TT5-053013W	1306009-02	Liquid	5/30/2013	6/4/2013	6/5/2013
S14-0001W	1306009-04	Liquid	5/30/2013	6/4/2013	6/6/2013

2. Holding Times

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

3. Blanks

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

4. Surrogates

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

5. LCS Results

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

6. MS and MSD Results

The MS/MSD audit was performed on sample TT50053013W. All MS and MSD recoveries were within the laboratory-established QC limits. The MS/MSD RPD values were acceptable.

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
TT5-053013W	1306009-01	Soil	5/30/2013	6/6/2013	6/11/2013
S14-0001W	1306009-03	Soil	5/30/2013	6/6/2013	6/11/2013

2. **Holding Times**

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

3. **Blanks**

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

4. **Surrogates**

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

5. **LCS Results**

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

6. **MS and MSD Results**

The MS/MSD audit was performed on sample TT5-053013W. The 2,4-D matrix spike was recovered above the upper control limits. The MS/MSD RPD value for 2,4-D was outside the

acceptance limits. The 2,4-D result in the parent sample (TT5-053013W) was qualified as estimated (UJ).

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. The 2,4-D result in sample TT5-053013 was flagged as estimated due to poor precision.

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
TT5-053013W	1306009-02	Liquid	5/30/2013	6/6/2013	6/11/2013
S14-0001W	1306009-04	Liquid	5/30/2013	6/6/2013	6/11/2013

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 spike recoveries were within the laboratory-established QC limits.

5. LCS Results

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

6. MS and MSD Results

The MS/MSD audit was performed on sample TT5-053013W. All MS and MSD recoveries were within the laboratory-established QC limits. The MS/MSD RPD values were acceptable.

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 Prepared	Date Analyzed
TT5-053013W	1306009-01	Soil	5/30/2013	6/3; 6/6	6/3; 6/5; 6/7
S14-0001W	1306009-03	Soil	5/30/2013	6/3; 6/6	6/3; 6/5; 6/7

2. Holding Times

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

3. Blank Results

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

4. LCS Results

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

5. **MS and MSD Results**

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

6. **Field Duplicate Results**

There are no field duplicates associated with this work order.

7. **Overall Assessment**

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

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

1. **Samples**

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
TT5-053013W	1306009-02	Liquid	5/30/2013	6/5/2013	6/6/2013
S14-0001W	1306009-04	Liquid	5/30/2013	6/5/2013	6/6/2013

2. **Holding Times**

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

3. **Blank Results**

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

4. **LCS Results**

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

5. **MS and MSD Results**

A TCLP mercury MS/MSD audit was performed on sample S14-0001W. The MS and MSD recoveries were within the laboratory-established QC limits. The TCLP mercury MS/MSD RPD value was acceptable.

A TCLP TAL metals MS and MSD was not analyzed using a sample from this work order; therefore matrix interferences could not be evaluated for TCLP TAL metals samples in this work order using the MS/MSD.

6. Field Duplicate Results

There are no field duplicates associated with this work order.

7. Overall Assessment

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

GENERAL CHEMISTRY PARAMETERS (Hexavalent chromium by 7196A, Moisture by A2540G, and pH by SW-846 9045D)

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
TT5-053013W	1306009-01	Soil	5/30/2013	6/5/2013	6/1; 6/3; 6/5
S14-0001W	1306009-03	Soil	5/30/2013	6/5/2013	6/1; 6/3; 6/5

2. Holding Times

The method states that pH should be analyzed as soon as possible. For pH, the samples were analyzed 2 days from collection. The pH results were qualified as estimated (J) due to blown holding times.

The hexavalent chromium in soil method states that the holding time is 24 hours from extract preparation. The hexavalent chromium samples were analyzed the same day as extract preparation.

The percent solids analysis holding time is 7 days from collection. The percent solids samples were analyzed four days from collection.

3. **LCS Results**

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

5. **Laboratory Duplicate Results**

The laboratory duplicate 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. **Overall Assessment**

The hexavalent chromium and moisture data are acceptable for use without qualification. The pH data are qualified as estimated due to blown holding times.

Data Validation Report
Whirlpool Park Site
ALS Environmental
Laboratory Project #: 1306009

ATTACHMENT

**ALS ENVIRONMENTAL
RESULTS SUMMARY WITH QUALIFIERS**

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: TT5-053013W
Collection Date: 5/30/2013 12:15 PM

Work Order: 1306009
Lab ID: 1306009-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 6/6/2013	Analyst: JD
2,4,5-T	ND		0.0059	mg/Kg-dry	1	6/11/2013 03:52 AM
2,4,5-TP (Silvex)	ND		0.0059	mg/Kg-dry	1	6/11/2013 03:52 AM
2,4-D	ND	J	0.0059	mg/Kg-dry	1	6/11/2013 03:52 AM
Surr: DCAA	105		30-150	%REC	1	6/11/2013 03:52 AM
PCBS			SW8082		Prep Date: 6/4/2013	Analyst: JD
Aroclor 1016	ND		0.047	mg/Kg-dry	1	6/4/2013 07:23 PM
Aroclor 1221	ND		0.047	mg/Kg-dry	1	6/4/2013 07:23 PM
Aroclor 1232	ND		0.047	mg/Kg-dry	1	6/4/2013 07:23 PM
Aroclor 1242	ND		0.047	mg/Kg-dry	1	6/4/2013 07:23 PM
Aroclor 1248	ND		0.047	mg/Kg-dry	1	6/4/2013 07:23 PM
Aroclor 1254	ND		0.047	mg/Kg-dry	1	6/4/2013 07:23 PM
Aroclor 1260	ND		0.047	mg/Kg-dry	1	6/4/2013 07:23 PM
Surr: Decachlorobiphenyl	89.1		40-140	%REC	1	6/4/2013 07:23 PM
PESTICIDES			SW8081		Prep Date: 6/4/2013	Analyst: JD
4,4'-DDD	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
4,4'-DDE	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
4,4'-DDT	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Aldrin	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
alpha-BHC	ND	J	0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
alpha-Chlordane	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
beta-BHC	ND	J	0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Chlordane, Technical	ND		0.30	mg/Kg-dry	10	6/7/2013 03:50 PM
delta-BHC	ND	J	0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Dieldrin	ND	J	0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Endosulfan I	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Endosulfan II	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Endosulfan sulfate	ND	J	0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Endrin	ND	J	0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Endrin aldehyde	ND	J	0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Endrin ketone	ND	J	0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
gamma-BHC (Lindane)	ND	J	0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
gamma-Chlordane	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Heptachlor	ND	J	0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Heptachlor epoxide	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Methoxychlor	ND		0.12	mg/Kg-dry	10	6/7/2013 03:50 PM
Toxaphene	ND		0.71	mg/Kg-dry	10	6/7/2013 03:50 PM
Surr: Decachlorobiphenyl	90.1		45-135	%REC	10	6/7/2013 03:50 PM
Surr: Tetrachloro-m-xylene	100		45-124	%REC	10	6/7/2013 03:50 PM

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

JPL 7/15/13

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc
 Project: 20405.016.001.2063.00/Whirlpool Park Site
 Sample ID: TT5-053013W
 Collection Date: 5/30/2013 12:15 PM

Work Order: 1306009
 Lab ID: 1306009-01
 Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 6/3/2013	Analyst: LR
Mercury	0.049		0.018	mg/Kg-dry	1	6/3/2013 05:46 PM
METALS BY ICP-MS			SW6020A		Prep Date: 6/5/2013	Analyst: ML
Aluminum	9,800		43	mg/Kg-dry	50	6/7/2013 01:29 PM
Antimony	ND		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Arsenic	8.7		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Barium	80		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Beryllium	ND		0.86	mg/Kg-dry	5	6/5/2013 10:08 PM
Boron	24		8.6	mg/Kg-dry	5	6/5/2013 10:08 PM
Cadmium	ND		0.86	mg/Kg-dry	5	6/5/2013 10:08 PM
Calcium	42,000		220	mg/Kg-dry	5	6/5/2013 10:08 PM
Chromium	15		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Cobalt	10		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Copper	23		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Iron	22,000		52	mg/Kg-dry	5	6/5/2013 10:08 PM
Lead	33		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Magnesium	9,200		86	mg/Kg-dry	5	6/5/2013 10:08 PM
Manganese	420		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Nickel	26		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Potassium	2,500		86	mg/Kg-dry	5	6/5/2013 10:08 PM
Selenium	ND		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Silver	ND		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Sodium	170		86	mg/Kg-dry	5	6/5/2013 10:08 PM
Thallium	ND		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Vanadium	22		2.2	mg/Kg-dry	5	6/5/2013 10:08 PM
Zinc	75		4.3	mg/Kg-dry	5	6/5/2013 10:08 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 6/3/2013	Analyst: HL
1,1'-Biphenyl	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
2,4-Dimethylphenol	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
2,4-Dinitrophenol	ND		0.76	mg/Kg-dry	1	6/5/2013 05:06 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
2-Chloronaphthalene	ND		0.092	mg/Kg-dry	1	6/5/2013 05:06 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
2-Methylnaphthalene	ND		0.092	mg/Kg-dry	1	6/5/2013 05:06 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM

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

Handwritten signature and date: JAC 7/16/13

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306009

Sample ID: TT5-053013W

Lab ID: 1306009-01

Collection Date: 5/30/2013 12:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.76	mg/Kg-dry	1	6/5/2013 05:06 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
3,3'-Dichlorobenzidine	ND		0.76	mg/Kg-dry	1	6/5/2013 05:06 PM
3-Nitroaniline	ND		0.76	mg/Kg-dry	1	6/5/2013 05:06 PM
4,6-Dinitro-2-methylphenol	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
4-Chloroaniline	ND		0.76	mg/Kg-dry	1	6/5/2013 05:06 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
4-Nitroaniline	ND		0.76	mg/Kg-dry	1	6/5/2013 05:06 PM
4-Nitrophenol	ND		0.76	mg/Kg-dry	1	6/5/2013 05:06 PM
Acenaphthene	ND		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Acenaphthylene	0.044		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Acetophenone	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
Anthracene	0.11		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Atrazine	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
Benzaldehyde	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
Benzo(a)anthracene	0.42		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Benzo(a)pyrene	0.35		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Benzo(b)fluoranthene	0.44		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Benzo(g,h,i)perylene	0.15		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Benzo(k)fluoranthene	0.19		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
Bis(2-ethylhexyl)phthalate	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
Caprolactam	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
Carbazole	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
Chrysene	0.43		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Dibenzo(a,h)anthracene	0.054		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
Diethyl phthalate	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
Dimethyl phthalate	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
Di-n-butyl phthalate	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
Fluoranthene	0.78		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Fluorene	ND		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM

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

20k 7/16/13

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306009

Sample ID: TT5-053013W

Lab ID: 1306009-01

Collection Date: 5/30/2013 12:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
Hexachlorocyclopentadiene	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
Indeno(1,2,3-cd)pyrene	0.14		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Isophorone	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
Naphthalene	ND		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
Pentachlorophenol	ND		0.38	mg/Kg-dry	1	6/5/2013 05:06 PM
Phenanthrene	0.37		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Phenol	ND		0.18	mg/Kg-dry	1	6/5/2013 05:06 PM
Pyrene	0.75		0.035	mg/Kg-dry	1	6/5/2013 05:06 PM
Surr: 2,4,6-Tribromophenol	80.2		34-140	%REC	1	6/5/2013 05:06 PM
Surr: 2-Fluorobiphenyl	76.9		12-100	%REC	1	6/5/2013 05:06 PM
Surr: 2-Fluorophenol	94.4		33-117	%REC	1	6/5/2013 05:06 PM
Surr: 4-Terphenyl-d14	106		25-137	%REC	1	6/5/2013 05:06 PM
Surr: Nitrobenzene-d5	71.5		37-107	%REC	1	6/5/2013 05:06 PM
Surr: Phenol-d6	92.5		40-106	%REC	1	6/5/2013 05:06 PM
VOLATILE ORGANIC COMPOUNDS			SW8260	Prep Date: 6/3/2013		Analyst: RS
1,1,1-Trichloroethane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,1,2,2-Tetrachloroethane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,1,2-Trichloroethane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,1,2-Trichlorotrifluoroethane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,1-Dichloroethane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,1-Dichloroethene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,2,4-Trichlorobenzene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,2-Dibromo-3-chloropropane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,2-Dibromoethane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,2-Dichlorobenzene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,2-Dichloroethane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,2-Dichloropropane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,3-Dichlorobenzene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
1,4-Dichlorobenzene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
2-Butanone	ND		0.24	mg/Kg-dry	1	6/3/2013 04:11 PM
2-Hexanone	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
4-Methyl-2-pentanone	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Acetone	ND		0.12	mg/Kg-dry	1	6/3/2013 04:11 PM
Benzene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Bromodichloromethane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM

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

JK
7/15/13

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306009

Sample ID: TT5-053013W

Lab ID: 1306009-01

Collection Date: 5/30/2013 12:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Bromomethane	ND		0.089	mg/Kg-dry	1	6/3/2013 04:11 PM
Carbon disulfide	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Carbon tetrachloride	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Chlorobenzene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Chloroethane	ND		0.12	mg/Kg-dry	1	6/3/2013 04:11 PM
Chloroform	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Chloromethane	ND		0.12	mg/Kg-dry	1	6/3/2013 04:11 PM
cis-1,2-Dichloroethene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
cis-1,3-Dichloropropene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Cyclohexane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Dibromochloromethane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Dichlorodifluoromethane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Ethylbenzene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Isopropylbenzene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Methyl acetate	ND		0.24	mg/Kg-dry	1	6/3/2013 04:11 PM
Methyl tert-butyl ether	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Methylcyclohexane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Methylene chloride	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Styrene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Tetrachloroethene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Toluene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
trans-1,2-Dichloroethene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
trans-1,3-Dichloropropene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Trichloroethene	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Trichlorofluoromethane	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Vinyl chloride	ND		0.036	mg/Kg-dry	1	6/3/2013 04:11 PM
Xylenes, Total	ND		0.11	mg/Kg-dry	1	6/3/2013 04:11 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	106		70-130	%REC	1	6/3/2013 04:11 PM
<i>Surr: 4-Bromofluorobenzene</i>	104		70-130	%REC	1	6/3/2013 04:11 PM
<i>Surr: Dibromofluoromethane</i>	103		70-130	%REC	1	6/3/2013 04:11 PM
<i>Surr: Toluene-d8</i>	99.8		70-130	%REC	1	6/3/2013 04:11 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 6/5/2013	Analyst: MB
Chromium, Hexavalent	ND		0.59	mg/Kg-dry	1	6/5/2013 02:00 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	16		0.050	% of sample	1	6/3/2013 09:05 AM
PH			SW9045D			Analyst: KF
pH	8.1	J		s.u.	1	6/1/2013 01:20 PM

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

24c 7/8/13

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc
 Project: 20405.016.001.2063.00/Whirlpool Park Site
 Sample ID: TT5-053013W
 Collection Date: 5/30/2013 12:15 PM

Work Order: 1306009
 Lab ID: 1306009-02
 Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 6/6/2013	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	6/11/2013 02:04 AM
2,4-D	0.0067		0.0050	mg/L	1	6/11/2013 02:04 AM
Surr: DCAA	95.8		30-150	%REC	1	6/11/2013 02:04 AM
TCLP PESTICIDES			SW8081		Prep Date: 6/4/2013	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	6/5/2013 11:16 PM
Endrin	ND		0.00025	mg/L	1	6/5/2013 11:16 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	6/5/2013 11:16 PM
Heptachlor	ND		0.00025	mg/L	1	6/5/2013 11:16 PM
Methoxychlor	ND		0.00025	mg/L	1	6/5/2013 11:16 PM
Toxaphene	ND		0.020	mg/L	1	6/5/2013 11:16 PM
Surr: Decachlorobiphenyl	60.0		30-135	%REC	1	6/5/2013 11:16 PM
Surr: Tetrachloro-m-xylene	31.0		25-140	%REC	1	6/5/2013 11:16 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 6/5/2013	Analyst: LR
Mercury	ND		0.0020	mg/L	1	6/6/2013 01:50 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 6/5/2013	Analyst: RH
Arsenic	ND		0.010	mg/L	1	6/6/2013 06:43 PM
Barium	0.43		0.050	mg/L	1	6/6/2013 06:43 PM
Cadmium	ND		0.0020	mg/L	1	6/6/2013 06:43 PM
Chromium	ND		0.020	mg/L	1	6/6/2013 06:43 PM
Lead	ND		0.010	mg/L	1	6/6/2013 06:43 PM
Selenium	ND		0.020	mg/L	1	6/6/2013 06:43 PM
Silver	ND		0.0050	mg/L	1	6/6/2013 06:43 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 6/5/2013	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	6/6/2013 03:25 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	6/6/2013 03:25 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	6/6/2013 03:25 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	6/6/2013 03:25 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	6/6/2013 03:25 PM
Hexachlorobenzene	ND		0.10	mg/L	1	6/6/2013 03:25 PM
Hexachloroethane	ND		0.10	mg/L	1	6/6/2013 03:25 PM
m-Cresol	ND		0.10	mg/L	1	6/6/2013 03:25 PM
Nitrobenzene	ND		0.10	mg/L	1	6/6/2013 03:25 PM
o-Cresol	ND		0.10	mg/L	1	6/6/2013 03:25 PM
p-Cresol	ND		0.10	mg/L	1	6/6/2013 03:25 PM
Pentachlorophenol	ND		0.40	mg/L	1	6/6/2013 03:25 PM
Pyridine	ND		0.40	mg/L	1	6/6/2013 03:25 PM
Surr: 2,4,6-Tribromophenol	49.2		21-125	%REC	1	6/6/2013 03:25 PM

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

JLK
2/18/13

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: TT5-053013W
Collection Date: 5/30/2013 12:15 PM

Work Order: 1306009
Lab ID: 1306009-02
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	45.9		39-94	%REC	1	6/6/2013 03:25 PM
Surr: 2-Fluorophenol	30.5		10-75	%REC	1	6/6/2013 03:25 PM
Surr: 4-Terphenyl-d14	96.8		26-119	%REC	1	6/6/2013 03:25 PM
Surr: Nitrobenzene-d5	51.3		41-104	%REC	1	6/6/2013 03:25 PM
Surr: Phenol-d6	20.3		11-50	%REC	1	6/6/2013 03:25 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 6/3/2013	Analyst: BG
1,1-Dichloroethene	ND		0.020	mg/L	20	6/6/2013 05:17 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	6/6/2013 05:17 AM
2-Butanone	ND		0.20	mg/L	20	6/6/2013 05:17 AM
Benzene	ND		0.020	mg/L	20	6/6/2013 05:17 AM
Carbon tetrachloride	ND		0.020	mg/L	20	6/6/2013 05:17 AM
Chlorobenzene	ND		0.020	mg/L	20	6/6/2013 05:17 AM
Chloroform	ND		0.020	mg/L	20	6/6/2013 05:17 AM
Tetrachloroethene	ND		0.020	mg/L	20	6/6/2013 05:17 AM
Trichloroethene	ND		0.020	mg/L	20	6/6/2013 05:17 AM
Vinyl chloride	ND		0.020	mg/L	20	6/6/2013 05:17 AM
Surr: 1,2-Dichloroethane-d4	101		70-130	%REC	20	6/6/2013 05:17 AM
Surr: 4-Bromofluorobenzene	97.8		70-130	%REC	20	6/6/2013 05:17 AM
Surr: Dibromofluoromethane	102		70-130	%REC	20	6/6/2013 05:17 AM
Surr: Toluene-d8	98.2		70-130	%REC	20	6/6/2013 05:17 AM

*20x
6/7/13*

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

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306009

Sample ID: S14-0001W

Lab ID: 1306009-03

Collection Date: 5/30/2013 01:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES						
			SW8151		Prep Date: 6/6/2013	Analyst: JD
2,4,5-T	ND		0.0089	mg/Kg-dry	1	6/11/2013 04:32 AM
2,4,5-TP (Silvex)	ND		0.0089	mg/Kg-dry	1	6/11/2013 04:32 AM
2,4-D	0.029		0.0089	mg/Kg-dry	1	6/11/2013 04:32 AM
Surr: DCAA	114		30-150	%REC	1	6/11/2013 04:32 AM
PCBS						
			SW8082		Prep Date: 6/4/2013	Analyst: JD
Aroclor 1016	ND		0.073	mg/Kg-dry	1	6/5/2013 09:09 AM
Aroclor 1221	ND		0.073	mg/Kg-dry	1	6/5/2013 09:09 AM
Aroclor 1232	ND		0.073	mg/Kg-dry	1	6/5/2013 09:09 AM
Aroclor 1242	ND		0.073	mg/Kg-dry	1	6/5/2013 09:09 AM
Aroclor 1248	ND		0.073	mg/Kg-dry	1	6/5/2013 09:09 AM
Aroclor 1254	ND		0.073	mg/Kg-dry	1	6/5/2013 09:09 AM
Aroclor 1260	ND		0.073	mg/Kg-dry	1	6/5/2013 09:09 AM
Surr: Decachlorobiphenyl	106		40-140	%REC	1	6/5/2013 09:09 AM
PESTICIDES						
			SW8081		Prep Date: 6/4/2013	Analyst: JD
4,4'-DDD	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
4,4'-DDE	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
4,4'-DDT	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Aldrin	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
alpha-BHC	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
alpha-Chlordane	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
beta-BHC	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Chlordane, Technical	ND		0.91	mg/Kg-dry	20	6/7/2013 04:37 PM
delta-BHC	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Dieldrin	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Endosulfan I	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Endosulfan II	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Endosulfan sulfate	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Endrin	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Endrin aldehyde	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Endrin ketone	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
gamma-BHC (Lindane)	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
gamma-Chlordane	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Heptachlor	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Heptachlor epoxide	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Methoxychlor	ND		0.36	mg/Kg-dry	20	6/7/2013 04:37 PM
Toxaphene	ND		2.2	mg/Kg-dry	20	6/7/2013 04:37 PM
Surr: Decachlorobiphenyl	60.1		45-135	%REC	20	6/7/2013 04:37 PM
Surr: Tetrachloro-m-xylene	100		45-124	%REC	20	6/7/2013 04:37 PM

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

Handwritten signature: JOK 2/18/13

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306009

Sample ID: S14-0001W

Lab ID: 1306009-03

Collection Date: 5/30/2013 01:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 6/3/2013	Analyst: LR
Mercury	0.030		0.027	mg/Kg-dry	1	6/3/2013 05:48 PM
METALS BY ICP-MS			SW6020A		Prep Date: 6/5/2013	Analyst: ML
Aluminum	12,000		57	mg/Kg-dry	50	6/7/2013 01:35 PM
Antimony	ND		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Arsenic	6.2		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Barium	51		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Beryllium	ND		1.1	mg/Kg-dry	5	6/5/2013 10:14 PM
Boron	ND		11	mg/Kg-dry	5	6/5/2013 10:14 PM
Cadmium	ND		1.1	mg/Kg-dry	5	6/5/2013 10:14 PM
Calcium	54,000		280	mg/Kg-dry	5	6/5/2013 10:14 PM
Chromium	16		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Cobalt	7.7		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Copper	24		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Iron	21,000		68	mg/Kg-dry	5	6/5/2013 10:14 PM
Lead	16		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Magnesium	12,000		110	mg/Kg-dry	5	6/5/2013 10:14 PM
Manganese	210		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Nickel	22		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Potassium	1,900		110	mg/Kg-dry	5	6/5/2013 10:14 PM
Selenium	ND		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Silver	ND		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Sodium	ND		110	mg/Kg-dry	5	6/5/2013 10:14 PM
Thallium	ND		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Vanadium	20		2.8	mg/Kg-dry	5	6/5/2013 10:14 PM
Zinc	68		5.7	mg/Kg-dry	5	6/5/2013 10:14 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 6/3/2013	Analyst: HL
1,1'-Biphenyl	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
2,4,5-Trichlorophenol	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
2,4,6-Trichlorophenol	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
2,4-Dichlorophenol	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
2,4-Dimethylphenol	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
2,4-Dinitrophenol	ND		1.2	mg/Kg-dry	1	6/5/2013 05:38 PM
2,4-Dinitrotoluene	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
2,6-Dinitrotoluene	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
2-Chloronaphthalene	ND		0.14	mg/Kg-dry	1	6/5/2013 05:38 PM
2-Chlorophenol	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
2-Methylnaphthalene	ND		0.14	mg/Kg-dry	1	6/5/2013 05:38 PM
2-Methylphenol	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM

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

HL 7/1/13

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306009

Sample ID: S14-0001W

Lab ID: 1306009-03

Collection Date: 5/30/2013 01:15 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		1.2	mg/Kg-dry	1	6/5/2013 05:38 PM
2-Nitrophenol	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
3,3'-Dichlorobenzidine	ND		1.2	mg/Kg-dry	1	6/5/2013 05:38 PM
3-Nitroaniline	ND		1.2	mg/Kg-dry	1	6/5/2013 05:38 PM
4,6-Dinitro-2-methylphenol	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
4-Bromophenyl phenyl ether	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
4-Chloro-3-methylphenol	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
4-Chloroaniline	ND		1.2	mg/Kg-dry	1	6/5/2013 05:38 PM
4-Chlorophenyl phenyl ether	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
4-Methylphenol	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
4-Nitroaniline	ND		1.2	mg/Kg-dry	1	6/5/2013 05:38 PM
4-Nitrophenol	ND		1.2	mg/Kg-dry	1	6/5/2013 05:38 PM
Acenaphthene	ND		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Acenaphthylene	ND		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Acetophenone	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
Anthracene	ND		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Atrazine	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
Benzaldehyde	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
Benzo(a)anthracene	ND		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Benzo(a)pyrene	ND		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Benzo(b)fluoranthene	0.083		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Benzo(g,h,i)perylene	ND		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Benzo(k)fluoranthene	ND		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Bis(2-chloroethoxy)methane	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
Bis(2-chloroethyl)ether	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
Bis(2-chloroisopropyl)ether	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
Bis(2-ethylhexyl)phthalate	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
Butyl benzyl phthalate	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
Caprolactam	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
Carbazole	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
Chrysene	0.060		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Dibenzo(a,h)anthracene	ND		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Dibenzofuran	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
Diethyl phthalate	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
Dimethyl phthalate	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
Di-n-butyl phthalate	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
Di-n-octyl phthalate	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
Fluoranthene	0.092		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Fluorene	ND		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Hexachlorobenzene	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM

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

AK 7/26/13

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc
 Project: 20405.016.001.2063.00/Whirlpool Park Site
 Sample ID: S14-0001W
 Collection Date: 5/30/2013 01:15 PM

Work Order: 1306009
 Lab ID: 1306009-03
 Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
Hexachlorocyclopentadiene	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
Hexachloroethane	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
Indeno(1,2,3-cd)pyrene	ND		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Isophorone	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
Naphthalene	ND		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Nitrobenzene	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
N-Nitrosodi-n-propylamine	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
N-Nitrosodiphenylamine	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
Pentachlorophenol	ND		0.60	mg/Kg-dry	1	6/5/2013 05:38 PM
Phenanthrene	ND		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Phenol	ND		0.29	mg/Kg-dry	1	6/5/2013 05:38 PM
Pyrene	0.075		0.054	mg/Kg-dry	1	6/5/2013 05:38 PM
Surr: 2,4,6-Tribromophenol	80.0		34-140	%REC	1	6/5/2013 05:38 PM
Surr: 2-Fluorobiphenyl	68.6		12-100	%REC	1	6/5/2013 05:38 PM
Surr: 2-Fluorophenol	79.5		33-117	%REC	1	6/5/2013 05:38 PM
Surr: 4-Terphenyl-d14	106		25-137	%REC	1	6/5/2013 05:38 PM
Surr: Nitrobenzene-d5	61.4		37-107	%REC	1	6/5/2013 05:38 PM
Surr: Phenol-d6	79.6		40-106	%REC	1	6/5/2013 05:38 PM
VOLATILE ORGANIC COMPOUNDS			SW8260		Prep Date: 6/3/2013	Analyst: RS
1,1,1-Trichloroethane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,1,2,2-Tetrachloroethane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,1,2-Trichloroethane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,1,2-Trichlorotrifluoroethane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,1-Dichloroethane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,1-Dichloroethene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,2,4-Trichlorobenzene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,2-Dibromo-3-chloropropane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,2-Dibromoethane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,2-Dichlorobenzene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,2-Dichloroethane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,2-Dichloropropane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,3-Dichlorobenzene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
1,4-Dichlorobenzene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
2-Butanone	ND		0.43	mg/Kg-dry	1	6/3/2013 04:33 PM
2-Hexanone	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
4-Methyl-2-pentanone	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Acetone	ND		0.22	mg/Kg-dry	1	6/3/2013 04:33 PM
Benzene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Bromodichloromethane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM

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

Handwritten signature and date: JAC 7/16/13

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: S14-0001W
Collection Date: 5/30/2013 01:15 PM

Work Order: 1306009
Lab ID: 1306009-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Bromomethane	ND		0.16	mg/Kg-dry	1	6/3/2013 04:33 PM
Carbon disulfide	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Carbon tetrachloride	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Chlorobenzene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Chloroethane	ND		0.22	mg/Kg-dry	1	6/3/2013 04:33 PM
Chloroform	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Chloromethane	ND		0.22	mg/Kg-dry	1	6/3/2013 04:33 PM
cis-1,2-Dichloroethene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
cis-1,3-Dichloropropene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Cyclohexane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Dibromochloromethane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Dichlorodifluoromethane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Ethylbenzene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Isopropylbenzene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Methyl acetate	ND		0.43	mg/Kg-dry	1	6/3/2013 04:33 PM
Methyl tert-butyl ether	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Methylcyclohexane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Methylene chloride	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Styrene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Tetrachloroethene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Toluene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
trans-1,2-Dichloroethene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
trans-1,3-Dichloropropene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Trichloroethene	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Trichlorofluoromethane	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Vinyl chloride	ND		0.065	mg/Kg-dry	1	6/3/2013 04:33 PM
Xylenes, Total	ND		0.19	mg/Kg-dry	1	6/3/2013 04:33 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	108		70-130	%REC	1	6/3/2013 04:33 PM
<i>Surr: 4-Bromofluorobenzene</i>	101		70-130	%REC	1	6/3/2013 04:33 PM
<i>Surr: Dibromofluoromethane</i>	101		70-130	%REC	1	6/3/2013 04:33 PM
<i>Surr: Toluene-d8</i>	100		70-130	%REC	1	6/3/2013 04:33 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 6/5/2013	Analyst: MB
Chromium, Hexavalent	ND		0.90	mg/Kg-dry	1	6/5/2013 02:00 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	45		0.050	% of sample	1	6/3/2013 09:05 AM
PH			SW9045D			Analyst: KF
pH	7.4	J		s.u.	1	6/1/2013 01:20 PM

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

AK 7/8/13

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: S14-0001W
Collection Date: 5/30/2013 01:15 PM

Work Order: 1306009
Lab ID: 1306009-04
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 6/6/2013	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	6/11/2013 02:44 AM
2,4-D	0.019		0.0050	mg/L	1	6/11/2013 02:44 AM
Surr: DCAA	97.6		30-150	%REC	1	6/11/2013 02:44 AM
TCLP PESTICIDES			SW8081		Prep Date: 6/4/2013	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	6/6/2013 12:03 AM
Endrin	ND		0.00025	mg/L	1	6/6/2013 12:03 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	6/6/2013 12:03 AM
Heptachlor	ND		0.00025	mg/L	1	6/6/2013 12:03 AM
Methoxychlor	ND		0.00025	mg/L	1	6/6/2013 12:03 AM
Toxaphene	ND		0.020	mg/L	1	6/6/2013 12:03 AM
Surr: Decachlorobiphenyl	59.0		30-135	%REC	1	6/6/2013 12:03 AM
Surr: Tetrachloro-m-xylene	42.0		25-140	%REC	1	6/6/2013 12:03 AM
TCLP MERCURY BY CVA			SW7470A		Prep Date: 6/5/2013	Analyst: LR
Mercury	ND		0.0020	mg/L	1	6/6/2013 01:59 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 6/5/2013	Analyst: RH
Arsenic	ND		0.010	mg/L	1	6/6/2013 07:03 PM
Barium	0.39		0.050	mg/L	1	6/6/2013 07:03 PM
Cadmium	ND		0.0020	mg/L	1	6/6/2013 07:03 PM
Chromium	ND		0.020	mg/L	1	6/6/2013 07:03 PM
Lead	ND		0.010	mg/L	1	6/6/2013 07:03 PM
Selenium	ND		0.020	mg/L	1	6/6/2013 07:03 PM
Silver	ND		0.0050	mg/L	1	6/6/2013 07:03 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 6/5/2013	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	6/6/2013 03:44 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	6/6/2013 03:44 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	6/6/2013 03:44 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	6/6/2013 03:44 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	6/6/2013 03:44 PM
Hexachlorobenzene	ND		0.10	mg/L	1	6/6/2013 03:44 PM
Hexachloroethane	ND		0.10	mg/L	1	6/6/2013 03:44 PM
m-Cresol	ND		0.10	mg/L	1	6/6/2013 03:44 PM
Nitrobenzene	ND		0.10	mg/L	1	6/6/2013 03:44 PM
o-Cresol	ND		0.10	mg/L	1	6/6/2013 03:44 PM
p-Cresol	ND		0.10	mg/L	1	6/6/2013 03:44 PM
Pentachlorophenol	ND		0.40	mg/L	1	6/6/2013 03:44 PM
Pyridine	ND		0.40	mg/L	1	6/6/2013 03:44 PM
Surr: 2,4,6-Tribromophenol	56.1		21-125	%REC	1	6/6/2013 03:44 PM

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

Handwritten signature and date: JAK 2/15/13

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: S14-0001W
Collection Date: 5/30/2013 01:15 PM

Work Order: 1306009
Lab ID: 1306009-04
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	56.5		39-94	%REC	1	6/6/2013 03:44 PM
Surr: 2-Fluorophenol	39.6		10-75	%REC	1	6/6/2013 03:44 PM
Surr: 4-Terphenyl-d14	112		26-119	%REC	1	6/6/2013 03:44 PM
Surr: Nitrobenzene-d5	60.4		41-104	%REC	1	6/6/2013 03:44 PM
Surr: Phenol-d6	24.4		11-50	%REC	1	6/6/2013 03:44 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 6/3/2013	Analyst: BG
1,1-Dichloroethene	ND		0.020	mg/L	20	6/6/2013 04:54 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	6/6/2013 04:54 AM
2-Butanone	ND		0.20	mg/L	20	6/6/2013 04:54 AM
Benzene	ND		0.020	mg/L	20	6/6/2013 04:54 AM
Carbon tetrachloride	ND		0.020	mg/L	20	6/6/2013 04:54 AM
Chlorobenzene	ND		0.020	mg/L	20	6/6/2013 04:54 AM
Chloroform	ND		0.020	mg/L	20	6/6/2013 04:54 AM
Tetrachloroethene	ND		0.020	mg/L	20	6/6/2013 04:54 AM
Trichloroethene	ND		0.020	mg/L	20	6/6/2013 04:54 AM
Vinyl chloride	ND		0.020	mg/L	20	6/6/2013 04:54 AM
Surr: 1,2-Dichloroethane-d4	99.2		70-130	%REC	20	6/6/2013 04:54 AM
Surr: 4-Bromofluorobenzene	98.0		70-130	%REC	20	6/6/2013 04:54 AM
Surr: Dibromofluoromethane	101		70-130	%REC	20	6/6/2013 04:54 AM
Surr: Toluene-d8	97.8		70-130	%REC	20	6/6/2013 04:54 AM

AK 7/8/13

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

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc
 Project: 20405.016.001.2063.00/Whirlpool Park Site
 Sample ID: Trip-04
 Collection Date: 5/30/2013

Work Order: 1306009
 Lab ID: 1306009-05
 Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260		Prep Date: 6/3/2013	Analyst: RS
1,1,1-Trichloroethane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,1,1,2,2-Tetrachloroethane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,1,2-Trichloroethane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,1,2-Trichlorotrifluoroethane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,1-Dichloroethane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,1-Dichloroethene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,2,4-Trichlorobenzene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,2-Dibromo-3-chloropropane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,2-Dibromoethane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,2-Dichlorobenzene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,2-Dichloroethane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,2-Dichloropropane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,3-Dichlorobenzene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
1,4-Dichlorobenzene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
2-Butanone	ND		0.20	mg/Kg	1	6/3/2013 04:55 PM
2-Hexanone	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
4-Methyl-2-pentanone	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Acetone	ND		0.10	mg/Kg	1	6/3/2013 04:55 PM
Benzene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Bromodichloromethane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Bromoform	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Bromomethane	ND		0.075	mg/Kg	1	6/3/2013 04:55 PM
Carbon disulfide	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Carbon tetrachloride	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Chlorobenzene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Chloroethane	ND		0.10	mg/Kg	1	6/3/2013 04:55 PM
Chloroform	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Chloromethane	ND		0.10	mg/Kg	1	6/3/2013 04:55 PM
cis-1,2-Dichloroethene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
cis-1,3-Dichloropropene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Cyclohexane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Dibromochloromethane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Dichlorodifluoromethane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Ethylbenzene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Isopropylbenzene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Methyl acetate	ND		0.20	mg/Kg	1	6/3/2013 04:55 PM
Methyl tert-butyl ether	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Methylcyclohexane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Methylene chloride	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM

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

JK
 7/18/13

ALS Group USA, Corp

Date: 12-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: Trip-04
Collection Date: 5/30/2013

Work Order: 1306009
Lab ID: 1306009-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Tetrachloroethene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Toluene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
trans-1,2-Dichloroethene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
trans-1,3-Dichloropropene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Trichloroethene	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Trichlorofluoromethane	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Vinyl chloride	ND		0.030	mg/Kg	1	6/3/2013 04:55 PM
Xylenes, Total	ND		0.090	mg/Kg	1	6/3/2013 04:55 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	108		70-130	%REC	1	6/3/2013 04:55 PM
<i>Surr: 4-Bromofluorobenzene</i>	101		70-130	%REC	1	6/3/2013 04:55 PM
<i>Surr: Dibromofluoromethane</i>	106		70-130	%REC	1	6/3/2013 04:55 PM
<i>Surr: Toluene-d8</i>	99.3		70-130	%REC	1	6/3/2013 04:55 PM

AK 2/6/13

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

**WHIRLPOOL PARK SITE
GREEN SPRINGS, SANDUSKY COUNTY, OHIO
DATA VALIDATION REPORT**

Date: July 18, 2013

Laboratory: ALS Environmental (ALS), Holland, Michigan

Laboratory Project #: 1306920

Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON®) Superfund Technical Assessment and Response Team (START)

Weston Analytical Work Order #/TDD #: 20405.016.001.2063.00/S05-0001-1212-007

This data validation report has been prepared by WESTON START under the START III Region V contract. This report documents the data validation for one ground water sample plus one trip blank collected for the Whirlpool Park Site that was analyzed for the following parameters and U.S. Environmental Protection Agency 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 7470
- TCLP Metals by SW-846 Methods 1311, 6020A, and 7470A
- Hexavalent Chromium by SW-846 Method 7196A
- Flashpoint by ASTM D93
- pH by SW-846 Method 9040

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

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
MW-4-062013W	1306920-01	Water	6/20/2013	6/26/2013
Trip-05	1306920-02	Water	6/20/2013	6/26/2013

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 and were free of VOCs above the reporting limits. Acetone was detected below the reporting limit in the method blanks. However, acetone was not detected in the samples and no qualifications are required.

4. Surrogate Results

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

5. Laboratory Control Sample (LCS) Results

The LCS recoveries were within laboratory QC limits except for a couple of VOCs which were detected high, above the QC limit. These VOCs were not detected in the samples; therefore, no qualifications are required.

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

A site-specific MS and MSD were not analyzed with this work order. Therefore, matrix interferences could not be evaluated using MS/MSDs. For the MS/MSDs that were analyzed, the percent recoveries and relative percent differences (RPD) were mostly within QC limits.

7. Field Duplicate Results

There is no field duplicate 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
MW-4-062013W	1306920-03	Water	6/20/2013	6/26/2013

2. Holding Times

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

3. Blanks

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

4. Surrogate Results

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

5. LCS Results

The LCS recoveries were within laboratory QC limits.

6. MS and MSD Results

An MS and MSD were analyzed using a sample from another work order. The percent recoveries and RPDs were within QC limits.

7. Field Duplicate Results

There is no field duplicate 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
MW-4-062013W	1306920-01	Water	6/20/2013	6/24/2013	6/24/2013

2. Holding Times

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

3. Blanks

Method blanks were analyzed with the SVOC analyses. The method blanks were free of target compound contamination above the reporting limits. Naphthalene was detected in a method blank below the reporting limit. Naphthalene was not detected in the sample and no qualification was required.

4. Surrogate Results

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

5. LCS Results

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

6. MS and MSD Results

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

7. **Field Duplicate Results**

There is no field duplicate 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
MW-4-062013W	1306920-03	Water	6/20/2013	6/26/2013	6/27/2013

2. **Holding Times**

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

3. **Blanks**

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

4. **Surrogate Results**

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

5. **LCS Results**

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

6. MS and MSD Results

A site-specific MS and MSD were analyzed. The percent recoveries and RPDs were within QC limits.

7. Field Duplicate Results

There is no field duplicate 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
MW-4-062013W	1306920-01	Water	6/20/2013	6/24/2013	6/25/2013

2. Holding Times

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

3. Blanks

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

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

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

6. MS and MSD Results

A site-specific MS and MSD were analyzed. The percent recoveries and RPDs were with QC limits.

7. Field Duplicate Results

There is no field duplicate 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
MW-4-062013W	1306920-01	Water	6/20/2013	6/24/2013	6/25/2013

2. Holding Times

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

3. Blanks

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

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

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

6. MS and MSD Results

A site-specific MS and MSD were analyzed. The percent recoveries and RPDs were with QC limits with one minor exception. In the MS, alpha-BHC had a recovery slightly below the QC limit but it was within the QC limit in the MSD. No qualification was applied for this minor discrepancy.

7. Field Duplicate Results

There is no field duplicate 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
MW-4-062013W	1306920-03	Water	6/20/2013	6/24/2013	6/25/2013

2. Holding Times

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

3. Blanks

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

4. Surrogates

The surrogate recoveries were within QC limits.

5. **LCS Results**

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

6. **MS and MSD Results**

An MS and MSD were not analyzed. No qualifications required.

7. **Field Duplicate Results**

There is no field duplicate 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
MW-4-062013W	1306920-01	Water	6/20/2013	6/24/2013	6/25/2013

2. **Holding Times**

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

3. **Blanks**

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

4. **Surrogates**

The surrogate recoveries were within QC limits.

5. **LCS Results**

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

6. **MS and MSD Results**

One site-specific MS and MSD were analyzed. The percent recoveries and RPDs were with QC limits.

7. **Field Duplicate Results**

There is no field duplicate 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
MW-4-062013W	1306920-03	Water	6/20/2013	6/24/2013	6/25/2013

2. **Holding Times**

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

3. **Blanks**

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

4. **Surrogates**

The surrogate recoveries were within QC limits.

5. **LCS Results**

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

6. **MS and MSD Results**

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

7. **Field Duplicate Results**

There is no field duplicate 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 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
MW-4-062013W	1306920-01	Water	6/20/2013	6/24/2013 – 7/1/2013

2. **Holding Times**

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

3. **Blank Results**

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

4. LCS Results

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

5. MS and MSD Results

A site-specific MS and MSD were not analyzed. For the MS and MSD that were analyzed, the percent recoveries and RPDs were within QC limits.

6. Field Duplicate Results

There is no field duplicate 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
MW-4-062013W	1306920-03	Water	6/20/2013	6/24/2013 – 6/28/2013

2. Holding Times

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

3. Blank Results

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

4. LCS Results

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

5. MS and MSD Results

A site-specific MS and MSD were not analyzed. For the MS and MSD that were analyzed, the percent recoveries and RPDs were within QC limits.

6. Field Duplicate Results

There is no field duplicate associated with this work order.

7. Overall Assessment

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

GENERAL CHEMISTRY PARAMETERS (Hexavalent Chromium by 7196A, Flashpoint by ASTM D93, and pH by 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
MW-4-062013W	1306920-01	Water	6/20/2013	6/22/2013 – 6/23/2013

2. Holding Times

The holding time of 24 hours for hexavalent chromium analysis of the water sample was not met. The quantitation limit for hexavalent chromium was flagged “UJ” as estimated.

The pH and flashpoint analyses state that the analyses should be performed as soon as possible with no specific holding time limit. The pH analyses were performed approximately 2 days after sample collection and the flashpoint analyses were performed approximately 4 days after collection. No qualifications were applied.

3. Method Blanks

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

4. LCS Results

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

5. MS and MSD Results

For hexavalent chromium, one site-specific MS and MSD were analyzed. The MS/MSD recoveries were low. The quantitation limit for hexavalent chromium was flagged “UJ” as estimated.

6. Laboratory Duplicate Results

Laboratory duplicates were analyzed with the pH analysis. The RPD was within QC limits.

7. Field Duplicate Results

There is no field duplicate associated with this work order.

8. Overall Assessment

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

Data Validation Report
Whirlpool Park Site
ALS Environmental
Laboratory Project #: 1306920

ATTACHMENT

**ALS ENVIRONMENTAL
RESULTS SUMMARY WITH QUALIFIERS**

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
WorkOrder: 1306920

**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 is present at an estimated concentration between the MDL and Report 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
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
TDL	Target Detection Limit
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

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

ALS Group USA, Corp

Date: 02-Jul-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: MW-4-062013W
Collection Date: 06/20/13 05:00 PM

Work Order: 1306920
Lab ID: 1306920-01
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 06/24/13	Analyst: JD
2,4,5-T	ND		0.0010	mg/L	1	06/25/13 02:25 PM
2,4,5-TP (Silvex)	ND		0.0020	mg/L	1	06/25/13 02:25 PM
2,4-D	ND		0.0020	mg/L	1	06/25/13 02:25 PM
Surr: DCAA	106		30-150	%REC	1	06/25/13 02:25 PM
PCBS			SW8082		Prep Date: 06/24/13	Analyst: JD
Aroclor 1016	ND		0.00020	mg/L	1	06/25/13 12:15 PM
Aroclor 1221	ND		0.00020	mg/L	1	06/25/13 12:15 PM
Aroclor 1232	ND		0.00020	mg/L	1	06/25/13 12:15 PM
Aroclor 1242	ND		0.00020	mg/L	1	06/25/13 12:15 PM
Aroclor 1248	ND		0.00020	mg/L	1	06/25/13 12:15 PM
Aroclor 1254	ND		0.00020	mg/L	1	06/25/13 12:15 PM
Aroclor 1260	ND		0.00020	mg/L	1	06/25/13 12:15 PM
Surr: Decachlorobiphenyl	72.0		40-140	%REC	1	06/25/13 12:15 PM
PESTICIDES			SW8081		Prep Date: 06/24/13	Analyst: JD
4,4'-DDD	ND		0.000020	mg/L	1	06/25/13 12:35 PM
4,4'-DDE	ND		0.000020	mg/L	1	06/25/13 12:35 PM
4,4'-DDT	ND		0.000020	mg/L	1	06/25/13 12:35 PM
Aldrin	ND		0.000010	mg/L	1	06/25/13 12:35 PM
alpha-BHC	ND		0.000010	mg/L	1	06/25/13 12:35 PM
alpha-Chlordane	ND		0.000020	mg/L	1	06/25/13 12:35 PM
beta-BHC	ND		0.000010	mg/L	1	06/25/13 12:35 PM
Chlordane, Technical	ND		0.00050	mg/L	1	06/25/13 12:35 PM
delta-BHC	ND		0.000010	mg/L	1	06/25/13 12:35 PM
Dieldrin	ND		0.000020	mg/L	1	06/25/13 12:35 PM
Endosulfan I	ND		0.000020	mg/L	1	06/25/13 12:35 PM
Endosulfan II	ND		0.000020	mg/L	1	06/25/13 12:35 PM
Endosulfan sulfate	ND		0.000020	mg/L	1	06/25/13 12:35 PM
Endrin	ND		0.000020	mg/L	1	06/25/13 12:35 PM
Endrin aldehyde	ND		0.000020	mg/L	1	06/25/13 12:35 PM
Endrin ketone	ND		0.000020	mg/L	1	06/25/13 12:35 PM
gamma-BHC (Lindane)	ND		0.000010	mg/L	1	06/25/13 12:35 PM
gamma-Chlordane	ND		0.000020	mg/L	1	06/25/13 12:35 PM
Heptachlor	ND		0.000010	mg/L	1	06/25/13 12:35 PM
Heptachlor epoxide	ND		0.000010	mg/L	1	06/25/13 12:35 PM
Hexachlorobenzene	ND		0.000010	mg/L	1	06/25/13 12:35 PM
Methoxychlor	ND		0.000040	mg/L	1	06/25/13 12:35 PM
Toxaphene	ND		0.0020	mg/L	1	06/25/13 12:35 PM
Surr: Decachlorobiphenyl	65.0		30-145	%REC	1	06/25/13 12:35 PM

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

ALS Group USA, Corp

Date: 02-Jul-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: MW-4-062013W
Collection Date: 06/20/13 05:00 PM

Work Order: 1306920
Lab ID: 1306920-01
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Tetrachloro-m-xylene</i>	47.0		25-140	%REC	1	06/25/13 12:35 PM
MERCURY BY CVAA			SW7470		Prep Date: 06/24/13	Analyst: LR
Mercury	ND		0.00020	mg/L	1	06/24/13 03:21 PM
METALS BY ICP-MS			SW6020A		Prep Date: 06/27/13	Analyst: ML
Aluminum	0.14		0.010	mg/L	1	06/28/13 03:32 PM
Antimony	ND		0.0050	mg/L	1	06/28/13 03:32 PM
Arsenic	ND		0.0050	mg/L	1	06/28/13 03:32 PM
Barium	0.011		0.0050	mg/L	1	06/28/13 03:32 PM
Beryllium	ND		0.0020	mg/L	1	06/28/13 03:32 PM
Boron	0.58		0.020	mg/L	1	06/28/13 03:32 PM
Cadmium	ND		0.0020	mg/L	1	06/28/13 03:32 PM
Calcium	330		5.0	mg/L	10	07/01/13 12:42 PM
Chromium	ND		0.0050	mg/L	1	06/28/13 03:32 PM
Cobalt	ND		0.0050	mg/L	1	06/28/13 03:32 PM
Copper	ND		0.0050	mg/L	1	06/28/13 03:32 PM
Iron	2.0		0.080	mg/L	1	06/28/13 03:32 PM
Lead	ND		0.0050	mg/L	1	06/28/13 03:32 PM
Magnesium	100		0.20	mg/L	1	06/28/13 03:32 PM
Manganese	0.026		0.0050	mg/L	1	06/28/13 03:32 PM
Nickel	ND		0.0050	mg/L	1	06/28/13 03:32 PM
Potassium	3.5		0.20	mg/L	1	06/28/13 03:32 PM
Selenium	ND		0.0050	mg/L	1	06/28/13 03:32 PM
Silver	ND		0.0050	mg/L	1	06/28/13 03:32 PM
Sodium	50		0.20	mg/L	1	06/28/13 03:32 PM
Thallium	ND		0.0050	mg/L	1	06/28/13 03:32 PM
Vanadium	ND		0.0050	mg/L	1	06/28/13 03:32 PM
Zinc	ND		0.010	mg/L	1	06/28/13 03:32 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 06/24/13	Analyst: HL
1,1'-Biphenyl	ND		0.0050	mg/L	1	06/24/13 07:22 PM
2,4,5-Trichlorophenol	ND		0.0050	mg/L	1	06/24/13 07:22 PM
2,4,6-Trichlorophenol	ND		0.0050	mg/L	1	06/24/13 07:22 PM
2,4-Dichlorophenol	ND		0.010	mg/L	1	06/24/13 07:22 PM
2,4-Dimethylphenol	ND		0.0050	mg/L	1	06/24/13 07:22 PM
2,4-Dinitrophenol	ND		0.0050	mg/L	1	06/24/13 07:22 PM
2,4-Dinitrotoluene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
2,6-Dinitrotoluene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
2-Chloronaphthalene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
2-Chlorophenol	ND		0.0050	mg/L	1	06/24/13 07:22 PM
2-Methylnaphthalene	ND		0.0050	mg/L	1	06/24/13 07:22 PM

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

ALS Group USA, Corp

Date: 02-Jul-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306920

Sample ID: MW-4-062013W

Lab ID: 1306920-01

Collection Date: 06/20/13 05:00 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Methylphenol	ND		0.0050	mg/L	1	06/24/13 07:22 PM
2-Nitroaniline	ND		0.020	mg/L	1	06/24/13 07:22 PM
2-Nitrophenol	ND		0.0050	mg/L	1	06/24/13 07:22 PM
3,3'-Dichlorobenzidine	ND		0.0050	mg/L	1	06/24/13 07:22 PM
3-Nitroaniline	ND		0.020	mg/L	1	06/24/13 07:22 PM
4,6-Dinitro-2-methylphenol	ND		0.020	mg/L	1	06/24/13 07:22 PM
4-Bromophenyl phenyl ether	ND		0.0050	mg/L	1	06/24/13 07:22 PM
4-Chloro-3-methylphenol	ND		0.0050	mg/L	1	06/24/13 07:22 PM
4-Chloroaniline	ND		0.020	mg/L	1	06/24/13 07:22 PM
4-Chlorophenyl phenyl ether	ND		0.0050	mg/L	1	06/24/13 07:22 PM
4-Methylphenol	ND		0.0050	mg/L	1	06/24/13 07:22 PM
4-Nitroaniline	ND		0.020	mg/L	1	06/24/13 07:22 PM
4-Nitrophenol	ND		0.020	mg/L	1	06/24/13 07:22 PM
Acenaphthene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Acenaphthylene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Acetophenone	ND		0.0010	mg/L	1	06/24/13 07:22 PM
Anthracene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Atrazine	ND		0.0010	mg/L	1	06/24/13 07:22 PM
Benzaldehyde	ND		0.0010	mg/L	1	06/24/13 07:22 PM
Benzo(a)anthracene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Benzo(a)pyrene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Benzo(b)fluoranthene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Benzo(g,h,i)perylene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Benzo(k)fluoranthene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Bis(2-chloroethoxy)methane	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Bis(2-chloroethyl)ether	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Bis(2-chloroisopropyl)ether	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Bis(2-ethylhexyl)phthalate	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Butyl benzyl phthalate	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Caprolactam	ND		0.010	mg/L	1	06/24/13 07:22 PM
Carbazole	ND		0.010	mg/L	1	06/24/13 07:22 PM
Chrysene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Dibenzo(a,h)anthracene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Dibenzofuran	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Diethyl phthalate	ND		0.020	mg/L	1	06/24/13 07:22 PM
Dimethyl phthalate	ND		0.020	mg/L	1	06/24/13 07:22 PM
Di-n-butyl phthalate	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Di-n-octyl phthalate	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Fluoranthene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Fluorene	ND		0.0050	mg/L	1	06/24/13 07:22 PM

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

ALS Group USA, Corp

Date: 02-Jul-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: MW-4-062013W
Collection Date: 06/20/13 05:00 PM

Work Order: 1306920
Lab ID: 1306920-01
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobenzene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Hexachlorobutadiene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Hexachlorocyclopentadiene	ND		0.020	mg/L	1	06/24/13 07:22 PM
Hexachloroethane	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Indeno(1,2,3-cd)pyrene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Isophorone	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Naphthalene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Nitrobenzene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
N-Nitrosodi-n-propylamine	ND		0.0050	mg/L	1	06/24/13 07:22 PM
N-Nitrosodiphenylamine	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Pentachlorophenol	ND		0.020	mg/L	1	06/24/13 07:22 PM
Phenanthrene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Phenol	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Pyrene	ND		0.0050	mg/L	1	06/24/13 07:22 PM
Surr: 2,4,6-Tribromophenol	58.2		32-115	%REC	1	06/24/13 07:22 PM
Surr: 2-Fluorobiphenyl	65.3		32-100	%REC	1	06/24/13 07:22 PM
Surr: 2-Fluorophenol	43.4		22-59	%REC	1	06/24/13 07:22 PM
Surr: 4-Terphenyl-d14	92.8		23-112	%REC	1	06/24/13 07:22 PM
Surr: Nitrobenzene-d5	63.1		31-93	%REC	1	06/24/13 07:22 PM
Surr: Phenol-d6	25.7		13-36	%REC	1	06/24/13 07:22 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Analyst: AK

1,1,1-Trichloroethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
1,1,2,2-Tetrachloroethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
1,1,2-Trichloroethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
1,1,2-Trichlorotrifluoroethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
1,1-Dichloroethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
1,1-Dichloroethene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
1,2,4-Trichlorobenzene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
1,2-Dibromo-3-chloropropane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
1,2-Dibromoethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
1,2-Dichlorobenzene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
1,2-Dichloroethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
1,2-Dichloropropane	ND		0.0020	mg/L	1	06/26/13 10:01 PM
1,3-Dichlorobenzene	ND		0.0020	mg/L	1	06/26/13 10:01 PM
1,4-Dichlorobenzene	ND		0.0020	mg/L	1	06/26/13 10:01 PM
2-Butanone	ND		0.0050	mg/L	1	06/26/13 10:01 PM
2-Hexanone	ND		0.0050	mg/L	1	06/26/13 10:01 PM
4-Methyl-2-pentanone	ND		0.0050	mg/L	1	06/26/13 10:01 PM
Acetone	ND		0.020	mg/L	1	06/26/13 10:01 PM
Benzene	ND		0.0010	mg/L	1	06/26/13 10:01 PM

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

ALS Group USA, Corp

Date: 02-Jul-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: MW-4-062013W
Collection Date: 06/20/13 05:00 PM

Work Order: 1306920
Lab ID: 1306920-01
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromodichloromethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Bromoform	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Bromomethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Carbon disulfide	ND		0.0025	mg/L	1	06/26/13 10:01 PM
Carbon tetrachloride	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Chlorobenzene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Chloroethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Chloroform	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Chloromethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
cis-1,2-Dichloroethene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
cis-1,3-Dichloropropene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Cyclohexane	ND		0.0050	mg/L	1	06/26/13 10:01 PM
Dibromochloromethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Dichlorodifluoromethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Ethylbenzene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Isopropylbenzene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Methyl acetate	ND		0.0020	mg/L	1	06/26/13 10:01 PM
Methyl tert-butyl ether	ND		0.0050	mg/L	1	06/26/13 10:01 PM
Methylcyclohexane	ND		0.0050	mg/L	1	06/26/13 10:01 PM
Methylene chloride	ND		0.0050	mg/L	1	06/26/13 10:01 PM
Styrene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Tetrachloroethene	ND		0.0020	mg/L	1	06/26/13 10:01 PM
Toluene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
trans-1,2-Dichloroethene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
trans-1,3-Dichloropropene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Trichloroethene	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Trichlorofluoromethane	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Vinyl chloride	ND		0.0010	mg/L	1	06/26/13 10:01 PM
Xylenes, Total	ND		0.0030	mg/L	1	06/26/13 10:01 PM
Surr: 1,2-Dichloroethane-d4	98.2		70-120	%REC	1	06/26/13 10:01 PM
Surr: 4-Bromofluorobenzene	93.6		75-120	%REC	1	06/26/13 10:01 PM
Surr: Dibromofluoromethane	102		85-115	%REC	1	06/26/13 10:01 PM
Surr: Toluene-d8	102		85-120	%REC	1	06/26/13 10:01 PM
CHROMIUM, HEXAVALENT			SW7196A			Analyst: EE
Chromium, Hexavalent	ND	WH	0.0050	mg/L	1	06/22/13 12:00 PM
FLASHPOINT, P-M CLOSED-CUP			D93			Analyst: MB
Flashpoint, P-M Closed-cup	>200			°F	1	06/24/13 04:10 PM
PH			SW9040			Analyst: EE
pH	7.11			s.u.	1	06/22/13 11:30 AM

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

LM
7/18/13

ALS Group USA, Corp

Date: 02-Jul-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306920

Sample ID: Trip-05

Lab ID: 1306920-02

Collection Date: 06/20/13

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: AK
1,1,1-Trichloroethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
1,1,2,2-Tetrachloroethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
1,1,2-Trichloroethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
1,1,2-Trichlorotrifluoroethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
1,1-Dichloroethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
1,1-Dichloroethene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
1,2,4-Trichlorobenzene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
1,2-Dibromo-3-chloropropane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
1,2-Dibromoethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
1,2-Dichlorobenzene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
1,2-Dichloroethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
1,2-Dichloropropane	ND		0.0020	mg/L	1	06/26/13 03:19 AM
1,3-Dichlorobenzene	ND		0.0020	mg/L	1	06/26/13 03:19 AM
1,4-Dichlorobenzene	ND		0.0020	mg/L	1	06/26/13 03:19 AM
2-Butanone	ND		0.0050	mg/L	1	06/26/13 03:19 AM
2-Hexanone	ND		0.0050	mg/L	1	06/26/13 03:19 AM
4-Methyl-2-pentanone	ND		0.0050	mg/L	1	06/26/13 03:19 AM
Acetone	ND		0.020	mg/L	1	06/26/13 03:19 AM
Benzene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Bromodichloromethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Bromoform	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Bromomethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Carbon disulfide	ND		0.0025	mg/L	1	06/26/13 03:19 AM
Carbon tetrachloride	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Chlorobenzene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Chloroethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Chloroform	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Chloromethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
cis-1,2-Dichloroethene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
cis-1,3-Dichloropropene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Cyclohexane	ND		0.0050	mg/L	1	06/26/13 03:19 AM
Dibromochloromethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Dichlorodifluoromethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Ethylbenzene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Isopropylbenzene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Methyl acetate	ND		0.0020	mg/L	1	06/26/13 03:19 AM
Methyl tert-butyl ether	ND		0.0050	mg/L	1	06/26/13 03:19 AM
Methylcyclohexane	ND		0.0050	mg/L	1	06/26/13 03:19 AM
Methylene chloride	ND		0.0050	mg/L	1	06/26/13 03:19 AM

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

ALS Group USA, Corp

Date: 02-Jul-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 1306920

Sample ID: Trip-05

Lab ID: 1306920-02

Collection Date: 06/20/13

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Tetrachloroethene	ND		0.0020	mg/L	1	06/26/13 03:19 AM
Toluene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
trans-1,2-Dichloroethene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
trans-1,3-Dichloropropene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Trichloroethene	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Trichlorofluoromethane	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Vinyl chloride	ND		0.0010	mg/L	1	06/26/13 03:19 AM
Xylenes, Total	ND		0.0030	mg/L	1	06/26/13 03:19 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	98.8		70-120	%REC	1	06/26/13 03:19 AM
<i>Surr: 4-Bromofluorobenzene</i>	91.8		75-120	%REC	1	06/26/13 03:19 AM
<i>Surr: Dibromofluoromethane</i>	102		85-115	%REC	1	06/26/13 03:19 AM
<i>Surr: Toluene-d8</i>	99.6		85-120	%REC	1	06/26/13 03:19 AM

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

ALS Group USA, Corp

Date: 02-Jul-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: MW-4-062013W
Collection Date: 06/20/13 05:00 PM

Work Order: 1306920
Lab ID: 1306920-03
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 06/24/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	06/25/13 03:16 PM
2,4-D	ND		0.0050	mg/L	1	06/25/13 03:16 PM
Surr: DCAA	100		30-150	%REC	1	06/25/13 03:16 PM
TCLP PESTICIDES			SW8081		Prep Date: 06/24/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	06/25/13 01:22 PM
Endrin	ND		0.00025	mg/L	1	06/25/13 01:22 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	06/25/13 01:22 PM
Heptachlor	ND		0.00025	mg/L	1	06/25/13 01:22 PM
Methoxychlor	ND		0.00025	mg/L	1	06/25/13 01:22 PM
Toxaphene	ND		0.020	mg/L	1	06/25/13 01:22 PM
Surr: Decachlorobiphenyl	62.0		30-135	%REC	1	06/25/13 01:22 PM
Surr: Tetrachloro-m-xylene	45.0		25-140	%REC	1	06/25/13 01:22 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 06/24/13	Analyst: LR
Mercury	ND		0.00020	mg/L	1	06/24/13 03:23 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 06/27/13	Analyst: ML
Arsenic	ND		0.0010	mg/L	1	06/28/13 03:32 PM
Barium	0.011		0.0050	mg/L	1	06/28/13 03:32 PM
Cadmium	ND		0.00020	mg/L	1	06/28/13 03:32 PM
Chromium	ND		0.0020	mg/L	1	06/28/13 03:32 PM
Lead	ND		0.0010	mg/L	1	06/28/13 03:32 PM
Selenium	ND		0.0020	mg/L	1	06/28/13 03:32 PM
Silver	ND		0.00050	mg/L	1	06/28/13 03:32 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 06/26/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	06/27/13 03:13 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	06/27/13 03:13 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	06/27/13 03:13 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	06/27/13 03:13 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	06/27/13 03:13 PM
Hexachlorobenzene	ND		0.10	mg/L	1	06/27/13 03:13 PM
Hexachloroethane	ND		0.10	mg/L	1	06/27/13 03:13 PM
m-Cresol	ND		0.10	mg/L	1	06/27/13 03:13 PM
Nitrobenzene	ND		0.10	mg/L	1	06/27/13 03:13 PM
o-Cresol	ND		0.10	mg/L	1	06/27/13 03:13 PM
p-Cresol	ND		0.10	mg/L	1	06/27/13 03:13 PM
Pentachlorophenol	ND		0.40	mg/L	1	06/27/13 03:13 PM
Pyridine	ND		0.40	mg/L	1	06/27/13 03:13 PM
Surr: 2,4,6-Tribromophenol	59.7		21-125	%REC	1	06/27/13 03:13 PM

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

ALS Group USA, Corp

Date: 02-Jul-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: MW-4-062013W
Collection Date: 06/20/13 05:00 PM

Work Order: 1306920
Lab ID: 1306920-03
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	65.2		39-94	%REC	1	06/27/13 03:13 PM
<i>Surr: 2-Fluorophenol</i>	44.9		10-75	%REC	1	06/27/13 03:13 PM
<i>Surr: 4-Terphenyl-d14</i>	105		26-119	%REC	1	06/27/13 03:13 PM
<i>Surr: Nitrobenzene-d5</i>	61.4		41-104	%REC	1	06/27/13 03:13 PM
<i>Surr: Phenol-d6</i>	24.8		11-50	%REC	1	06/27/13 03:13 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 06/23/13	Analyst: AK
1,1-Dichloroethene	ND		0.020	mg/L	20	06/26/13 06:54 AM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/26/13 06:54 AM
2-Butanone	ND		0.20	mg/L	20	06/26/13 06:54 AM
Benzene	ND		0.020	mg/L	20	06/26/13 06:54 AM
Carbon tetrachloride	ND		0.020	mg/L	20	06/26/13 06:54 AM
Chlorobenzene	ND		0.020	mg/L	20	06/26/13 06:54 AM
Chloroform	ND		0.020	mg/L	20	06/26/13 06:54 AM
Tetrachloroethene	ND		0.020	mg/L	20	06/26/13 06:54 AM
Trichloroethene	ND		0.020	mg/L	20	06/26/13 06:54 AM
Vinyl chloride	ND		0.020	mg/L	20	06/26/13 06:54 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	97.7		70-130	%REC	20	06/26/13 06:54 AM
<i>Surr: 4-Bromofluorobenzene</i>	91.6		70-130	%REC	20	06/26/13 06:54 AM
<i>Surr: Dibromofluoromethane</i>	103		70-130	%REC	20	06/26/13 06:54 AM
<i>Surr: Toluene-d8</i>	100		70-130	%REC	20	06/26/13 06:54 AM

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

**WHIRLPOOL PARK SITE
GREEN SPRINGS, SANDUSKY COUNTY, OHIO
DATA VALIDATION REPORT**

Date: July 19, 2013

Laboratory: ALS Environmental (ALS), Holland, Michigan

Laboratory Project #: 13051010

Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON®) Superfund Technical Assessment and Response Team (START)

Weston Analytical Work Order #/TDD #: 20405.016.001.2063.00/S05-0001-1212-007

This data validation report has been prepared by WESTON START under the START III Region V contract. This report documents the data validation for five soil samples collected for the Whirlpool Park Site that was analyzed for the following parameters and U.S. Environmental Protection Agency methods:

- Toxicity Characteristic Leaching Procedure (TCLP) Volatile Organic Compounds (VOC) by SW-846 Methods 1311 and 8260
- TCLP Semivolatile Organic Carbons (SVOC) by SW-846 Methods 1311 and 8270
- TCLP Pesticides by SW-846 Methods 1311 and 8081
- TCLP Herbicides by SW-846 Methods 1311 and 8151
- TCLP Metals by SW-846 Methods 1311, 6020A, and 7470A

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.

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
IA2-56-000.5W	13051010-01	Soil	5/20/2013	5/29/2013
IA1-54-0-2W	13051010-02	Soil	5/20/2013	5/29/2013
IA1-513-2-4W	13051010-03	Soil	5/20/2013	5/29/2013
SED-2-052113-0001W	13051010-04	Soil	5/21/2013	5/29/2013
IA1-59-2-4W	13051010-05	Soil	5/21/2013	5/30/2013

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 and were free of VOCs above the reporting limits.

4. Surrogate Results

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

5. Laboratory Control Sample (LCS) Results

The LCS recoveries were within laboratory QC limits.

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

A site-specific MS and MSD were not analyzed with this work order. Therefore, matrix interferences could not be evaluated using MS/MSDs. For the MS/MSDs that were analyzed, the percent recoveries and relative percent differences (RPD) were mostly within QC limits.

7. Field Duplicate Results

There is no field duplicate associated with this work order.

8. Overall Assessment

The TCLP VOC 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
IA2-56-000.5W	13051010-01	Soil	5/20/2013	5/30/2013	5/30/2013
IA1-54-0-2W	13051010-02	Soil	5/20/2013	5/30/2013	5/31/2013
IA1-513-2-4W	13051010-03	Soil	5/20/2013	5/30/2013	5/31/2013
SED-2-052113-0001W	13051010-04	Soil	5/21/2013	5/30/2013	5/31/2013
IA1-59-2-4W	13051010-05	Soil	5/21/2013	5/30/2013	5/31/2013

2. Holding Times

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

3. Blanks

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

4. Surrogate Results

The surrogate recoveries were within the laboratory-established QC limits except as follows. In one sample three of the six surrogates were slightly outside the QC limits. Because the QC limits were only slightly exceeded and the other surrogates were acceptable, no qualifications were applied for this minor discrepancy.

5. LCS Results

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

6. MS and MSD Results

A site-specific MS and MSD were analyzed. The percent recoveries and RPDs were within QC limits.

7. Field Duplicate Results

There is no field duplicate associated with this work order.

8. Overall Assessment

The TCLP SVOC 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
IA2-56-000.5W	13051010-01	Soil	5/20/2013	5/29/2013	5/30/2013
IA1-54-0-2W	13051010-02	Soil	5/20/2013	5/29/2013	5/30/2013
IA1-513-2-4W	13051010-03	Soil	5/20/2013	5/29/2013	5/31/2013
SED-2-052113-0001W	13051010-04	Soil	5/21/2013	5/29/2013	5/31/2013
IA1-59-2-4W	13051010-05	Soil	5/21/2013	5/29/2013	5/31/2013

2. Holding Times

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

3. Blanks

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

4. Surrogates

The surrogate recoveries were within QC limits.

5. **LCS Results**

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

6. **MS and MSD Results**

A site-specific MS and MSD were analyzed. The percent recoveries and RPDs were within QC limits.

7. **Field Duplicate Results**

There is no field duplicate associated with this work order.

8. **Overall Assessment**

The TCLP pesticide 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
IA2-56-000.5W	13051010-01	Soil	5/20/2013	5/29/2013	5/29/2013
IA1-54-0-2W	13051010-02	Soil	5/20/2013	5/29/2013	5/29/2013
IA1-513-2-4W	13051010-03	Soil	5/20/2013	5/29/2013	5/29/2013
SED-2-052113-0001W	13051010-04	Soil	5/21/2013	5/29/2013	5/29/2013
IA1-59-2-4W	13051010-05	Soil	5/21/2013	5/29/2013	5/29/2013

2. **Holding Times**

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

3. **Blanks**

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

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

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

6. MS and MSD Results

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

7. Field Duplicate Results

There is no field duplicate associated with this work order.

8. Overall Assessment

The TCLP herbicide 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
IA2-56-000.5W	13051010-01	Soil	5/20/2013	5/29/2013
IA1-54-0-2W	13051010-02	Soil	5/20/2013	5/29/2013
IA1-513-2-4W	13051010-03	Soil	5/20/2013	5/29/2013
SED-2-052113-0001W	13051010-04	Soil	5/21/2013	5/29/2013
IA1-59-2-4W	13051010-05	Soil	5/21/2013	5/29/2013

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.

4. LCS Results

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

5. MS and MSD Results

A site-specific MS and MSD were not analyzed. For the MS and MSD that were analyzed, the percent recoveries and RPDs were within QC limits.

6. Field Duplicate Results

There is no field duplicate associated with this work order.

7. Overall Assessment

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

Data Validation Report
Whirlpool Park Site
ALS Environmental
Laboratory Project #: 13051010

ATTACHMENT

**ALS ENVIRONMENTAL
RESULTS SUMMARY WITH QUALIFIERS**

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
WorkOrder: 13051010

**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
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
TDL	Target Detection Limit
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

<u>Units Reported</u>	<u>Description</u>
mg/L	Milligrams per Liter

ALS Group USA, Corp

Date: 04-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA2-56-000.5W
Collection Date: 05/20/13 11:25 AM

Work Order: 13051010
Lab ID: 13051010-01
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 05:11 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 05:11 PM
Surr: DCAA	94.0		30-150	%REC	1	05/29/13 05:11 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/30/13 11:05 PM
Endrin	ND		0.00025	mg/L	1	05/30/13 11:05 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/30/13 11:05 PM
Heptachlor	ND		0.00025	mg/L	1	05/30/13 11:05 PM
Methoxychlor	ND		0.00025	mg/L	1	05/30/13 11:05 PM
Toxaphene	ND		0.020	mg/L	1	05/30/13 11:05 PM
Surr: Decachlorobiphenyl	58.0		30-135	%REC	1	05/30/13 11:05 PM
Surr: Tetrachloro-m-xylene	62.0		25-140	%REC	1	05/30/13 11:05 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:06 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/29/13	Analyst: RH
Arsenic	ND		0.010	mg/L	1	05/29/13 04:28 PM
Barium	0.60		0.050	mg/L	1	05/29/13 04:28 PM
Cadmium	ND		0.0020	mg/L	1	05/29/13 04:28 PM
Chromium	ND		0.020	mg/L	1	05/29/13 04:28 PM
Lead	ND		0.010	mg/L	1	05/29/13 04:28 PM
Selenium	ND		0.020	mg/L	1	05/29/13 04:28 PM
Silver	ND		0.0050	mg/L	1	05/29/13 04:28 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/30/13 09:48 PM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/30/13 09:48 PM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/30/13 09:48 PM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/30/13 09:48 PM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/30/13 09:48 PM
Hexachlorobenzene	ND		0.10	mg/L	1	05/30/13 09:48 PM
Hexachloroethane	ND		0.10	mg/L	1	05/30/13 09:48 PM
m-Cresol	ND		0.10	mg/L	1	05/30/13 09:48 PM
Nitrobenzene	ND		0.10	mg/L	1	05/30/13 09:48 PM
o-Cresol	ND		0.10	mg/L	1	05/30/13 09:48 PM
p-Cresol	ND		0.10	mg/L	1	05/30/13 09:48 PM
Pentachlorophenol	ND		0.40	mg/L	1	05/30/13 09:48 PM
Pyridine	ND		0.40	mg/L	1	05/30/13 09:48 PM
Surr: 2,4,6-Tribromophenol	54.5		21-125	%REC	1	05/30/13 09:48 PM

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

ALS Group USA, Corp

Date: 04-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051010

Sample ID: IA2-56-000.5W

Lab ID: 13051010-01

Collection Date: 05/20/13 11:25 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	61.0		39-94	%REC	1	05/30/13 09:48 PM
<i>Surr: 2-Fluorophenol</i>	33.8		10-75	%REC	1	05/30/13 09:48 PM
<i>Surr: 4-Terphenyl-d14</i>	105		26-119	%REC	1	05/30/13 09:48 PM
<i>Surr: Nitrobenzene-d5</i>	58.5		41-104	%REC	1	05/30/13 09:48 PM
<i>Surr: Phenol-d6</i>	17.7		11-50	%REC	1	05/30/13 09:48 PM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/29/13	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	05/29/13 05:45 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/29/13 05:45 PM
2-Butanone	ND		0.20	mg/L	20	05/29/13 05:45 PM
Benzene	ND		0.020	mg/L	20	05/29/13 05:45 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/29/13 05:45 PM
Chlorobenzene	ND		0.020	mg/L	20	05/29/13 05:45 PM
Chloroform	ND		0.020	mg/L	20	05/29/13 05:45 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/29/13 05:45 PM
Trichloroethene	ND		0.020	mg/L	20	05/29/13 05:45 PM
Vinyl chloride	ND		0.020	mg/L	20	05/29/13 05:45 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	107		70-130	%REC	20	05/29/13 05:45 PM
<i>Surr: 4-Bromofluorobenzene</i>	98.4		70-130	%REC	20	05/29/13 05:45 PM
<i>Surr: Dibromofluoromethane</i>	102		70-130	%REC	20	05/29/13 05:45 PM
<i>Surr: Toluene-d8</i>	101		70-130	%REC	20	05/29/13 05:45 PM

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

ALS Group USA, Corp

Date: 04-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-54-0-2W
Collection Date: 05/20/13 01:41 PM

Work Order: 13051010
Lab ID: 13051010-02
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 05:52 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 05:52 PM
Surr: DCAA	100		30-150	%REC	1	05/29/13 05:52 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/30/13 11:51 PM
Endrin	ND		0.00025	mg/L	1	05/30/13 11:51 PM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/30/13 11:51 PM
Heptachlor	ND		0.00025	mg/L	1	05/30/13 11:51 PM
Methoxychlor	ND		0.00025	mg/L	1	05/30/13 11:51 PM
Toxaphene	ND		0.020	mg/L	1	05/30/13 11:51 PM
Surr: Decachlorobiphenyl	58.0		30-135	%REC	1	05/30/13 11:51 PM
Surr: Tetrachloro-m-xylene	61.0		25-140	%REC	1	05/30/13 11:51 PM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:08 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/29/13	Analyst: RH
Arsenic	ND		0.010	mg/L	1	05/29/13 04:33 PM
Barium	0.18		0.050	mg/L	1	05/29/13 04:33 PM
Cadmium	ND		0.0020	mg/L	1	05/29/13 04:33 PM
Chromium	ND		0.020	mg/L	1	05/29/13 04:33 PM
Lead	ND		0.010	mg/L	1	05/29/13 04:33 PM
Selenium	ND		0.020	mg/L	1	05/29/13 04:33 PM
Silver	ND		0.0050	mg/L	1	05/29/13 04:33 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/31/13 02:39 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 02:39 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 02:39 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/31/13 02:39 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/31/13 02:39 AM
Hexachlorobenzene	ND		0.10	mg/L	1	05/31/13 02:39 AM
Hexachloroethane	ND		0.10	mg/L	1	05/31/13 02:39 AM
m-Cresol	ND		0.10	mg/L	1	05/31/13 02:39 AM
Nitrobenzene	ND		0.10	mg/L	1	05/31/13 02:39 AM
o-Cresol	ND		0.10	mg/L	1	05/31/13 02:39 AM
p-Cresol	ND		0.10	mg/L	1	05/31/13 02:39 AM
Pentachlorophenol	ND		0.40	mg/L	1	05/31/13 02:39 AM
Pyridine	ND		0.40	mg/L	1	05/31/13 02:39 AM
Surr: 2,4,6-Tribromophenol	48.7		21-125	%REC	1	05/31/13 02:39 AM

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

ALS Group USA, Corp

Date: 04-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-54-0-2W
Collection Date: 05/20/13 01:41 PM

Work Order: 13051010
Lab ID: 13051010-02
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	52.1		39-94	%REC	1	05/31/13 02:39 AM
Surr: 2-Fluorophenol	35.4		10-75	%REC	1	05/31/13 02:39 AM
Surr: 4-Terphenyl-d14	115		26-119	%REC	1	05/31/13 02:39 AM
Surr: Nitrobenzene-d5	52.7		41-104	%REC	1	05/31/13 02:39 AM
Surr: Phenol-d6	20.3		11-50	%REC	1	05/31/13 02:39 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/29/13	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	05/29/13 06:07 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/29/13 06:07 PM
2-Butanone	ND		0.20	mg/L	20	05/29/13 06:07 PM
Benzene	ND		0.020	mg/L	20	05/29/13 06:07 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/29/13 06:07 PM
Chlorobenzene	ND		0.020	mg/L	20	05/29/13 06:07 PM
Chloroform	ND		0.020	mg/L	20	05/29/13 06:07 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/29/13 06:07 PM
Trichloroethene	ND		0.020	mg/L	20	05/29/13 06:07 PM
Vinyl chloride	ND		0.020	mg/L	20	05/29/13 06:07 PM
Surr: 1,2-Dichloroethane-d4	108		70-130	%REC	20	05/29/13 06:07 PM
Surr: 4-Bromofluorobenzene	101		70-130	%REC	20	05/29/13 06:07 PM
Surr: Dibromofluoromethane	106		70-130	%REC	20	05/29/13 06:07 PM
Surr: Toluene-d8	101		70-130	%REC	20	05/29/13 06:07 PM

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

ALS Group USA, Corp

Date: 04-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051010

Sample ID: IA1-513-2-4W

Lab ID: 13051010-03

Collection Date: 05/20/13 03:55 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 06:33 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 06:33 PM
Surr: DCAA	88.6		30-150	%REC	1	05/29/13 06:33 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/31/13 12:07 AM
Endrin	ND		0.00025	mg/L	1	05/31/13 12:07 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/31/13 12:07 AM
Heptachlor	ND		0.00025	mg/L	1	05/31/13 12:07 AM
Methoxychlor	ND		0.00025	mg/L	1	05/31/13 12:07 AM
Toxaphene	ND		0.020	mg/L	1	05/31/13 12:07 AM
Surr: Decachlorobiphenyl	59.0		30-135	%REC	1	05/31/13 12:07 AM
Surr: Tetrachloro-m-xylene	60.0		25-140	%REC	1	05/31/13 12:07 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:10 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/29/13	Analyst: RH
Arsenic	ND		0.010	mg/L	1	05/29/13 04:38 PM
Barium	0.82		0.050	mg/L	1	05/29/13 04:38 PM
Cadmium	0.0073		0.0020	mg/L	1	05/29/13 04:38 PM
Chromium	ND		0.020	mg/L	1	05/29/13 04:38 PM
Lead	ND		0.010	mg/L	1	05/29/13 04:38 PM
Selenium	ND		0.020	mg/L	1	05/29/13 04:38 PM
Silver	ND		0.0050	mg/L	1	05/29/13 04:38 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/31/13 03:01 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 03:01 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 03:01 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/31/13 03:01 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/31/13 03:01 AM
Hexachlorobenzene	ND		0.10	mg/L	1	05/31/13 03:01 AM
Hexachloroethane	ND		0.10	mg/L	1	05/31/13 03:01 AM
m-Cresol	ND		0.10	mg/L	1	05/31/13 03:01 AM
Nitrobenzene	ND		0.10	mg/L	1	05/31/13 03:01 AM
o-Cresol	ND		0.10	mg/L	1	05/31/13 03:01 AM
p-Cresol	ND		0.10	mg/L	1	05/31/13 03:01 AM
Pentachlorophenol	ND		0.40	mg/L	1	05/31/13 03:01 AM
Pyridine	ND		0.40	mg/L	1	05/31/13 03:01 AM
Surr: 2,4,6-Tribromophenol	47.9		21-125	%REC	1	05/31/13 03:01 AM

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

ALS Group USA, Corp

Date: 04-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-513-2-4W
Collection Date: 05/20/13 03:55 PM

Work Order: 13051010
Lab ID: 13051010-03
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	51.9		39-94	%REC	1	05/31/13 03:01 AM
<i>Surr: 2-Fluorophenol</i>	31.9		10-75	%REC	1	05/31/13 03:01 AM
<i>Surr: 4-Terphenyl-d14</i>	114		26-119	%REC	1	05/31/13 03:01 AM
<i>Surr: Nitrobenzene-d5</i>	50.5		41-104	%REC	1	05/31/13 03:01 AM
<i>Surr: Phenol-d6</i>	17.0		11-50	%REC	1	05/31/13 03:01 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/29/13	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	05/29/13 06:29 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/29/13 06:29 PM
2-Butanone	ND		0.20	mg/L	20	05/29/13 06:29 PM
Benzene	ND		0.020	mg/L	20	05/29/13 06:29 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/29/13 06:29 PM
Chlorobenzene	ND		0.020	mg/L	20	05/29/13 06:29 PM
Chloroform	ND		0.020	mg/L	20	05/29/13 06:29 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/29/13 06:29 PM
Trichloroethene	ND		0.020	mg/L	20	05/29/13 06:29 PM
Vinyl chloride	ND		0.020	mg/L	20	05/29/13 06:29 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	107		70-130	%REC	20	05/29/13 06:29 PM
<i>Surr: 4-Bromofluorobenzene</i>	102		70-130	%REC	20	05/29/13 06:29 PM
<i>Surr: Dibromofluoromethane</i>	104		70-130	%REC	20	05/29/13 06:29 PM
<i>Surr: Toluene-d8</i>	102		70-130	%REC	20	05/29/13 06:29 PM

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

ALS Group USA, Corp

Date: 04-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: SED-2-052113-0001W
Collection Date: 05/21/13 09:00 AM

Work Order: 13051010
Lab ID: 13051010-04
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 06:46 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 06:46 PM
Surr: DCAA	96.4		30-150	%REC	1	05/29/13 06:46 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/31/13 12:23 AM
Endrin	ND		0.00025	mg/L	1	05/31/13 12:23 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/31/13 12:23 AM
Heptachlor	ND		0.00025	mg/L	1	05/31/13 12:23 AM
Methoxychlor	ND		0.00025	mg/L	1	05/31/13 12:23 AM
Toxaphene	ND		0.020	mg/L	1	05/31/13 12:23 AM
Surr: Decachlorobiphenyl	54.0		30-135	%REC	1	05/31/13 12:23 AM
Surr: Tetrachloro-m-xylene	54.0		25-140	%REC	1	05/31/13 12:23 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:18 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/29/13	Analyst: RH
Arsenic	ND		0.010	mg/L	1	05/29/13 04:43 PM
Barium	0.17		0.050	mg/L	1	05/29/13 04:43 PM
Cadmium	ND		0.0020	mg/L	1	05/29/13 04:43 PM
Chromium	ND		0.020	mg/L	1	05/29/13 04:43 PM
Lead	ND		0.010	mg/L	1	05/29/13 04:43 PM
Selenium	ND		0.020	mg/L	1	05/29/13 04:43 PM
Silver	ND		0.0050	mg/L	1	05/29/13 04:43 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/31/13 03:23 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 03:23 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 03:23 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/31/13 03:23 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/31/13 03:23 AM
Hexachlorobenzene	ND		0.10	mg/L	1	05/31/13 03:23 AM
Hexachloroethane	ND		0.10	mg/L	1	05/31/13 03:23 AM
m-Cresol	ND		0.10	mg/L	1	05/31/13 03:23 AM
Nitrobenzene	ND		0.10	mg/L	1	05/31/13 03:23 AM
o-Cresol	ND		0.10	mg/L	1	05/31/13 03:23 AM
p-Cresol	ND		0.10	mg/L	1	05/31/13 03:23 AM
Pentachlorophenol	ND		0.40	mg/L	1	05/31/13 03:23 AM
Pyridine	ND		0.40	mg/L	1	05/31/13 03:23 AM
Surr: 2,4,6-Tribromophenol	38.7		21-125	%REC	1	05/31/13 03:23 AM

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

ALS Group USA, Corp

Date: 04-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: SED-2-052113-0001W
Collection Date: 05/21/13 09:00 AM

Work Order: 13051010
Lab ID: 13051010-04
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	43.4		39-94	%REC	1	05/31/13 03:23 AM
Surr: 2-Fluorophenol	23.6		10-75	%REC	1	05/31/13 03:23 AM
Surr: 4-Terphenyl-d14	124	S	26-119	%REC	1	05/31/13 03:23 AM
Surr: Nitrobenzene-d5	39.5	S	41-104	%REC	1	05/31/13 03:23 AM
Surr: Phenol-d6	10.9	S	11-50	%REC	1	05/31/13 03:23 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/29/13	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	05/29/13 06:50 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/29/13 06:50 PM
2-Butanone	ND		0.20	mg/L	20	05/29/13 06:50 PM
Benzene	ND		0.020	mg/L	20	05/29/13 06:50 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/29/13 06:50 PM
Chlorobenzene	ND		0.020	mg/L	20	05/29/13 06:50 PM
Chloroform	ND		0.020	mg/L	20	05/29/13 06:50 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/29/13 06:50 PM
Trichloroethene	ND		0.020	mg/L	20	05/29/13 06:50 PM
Vinyl chloride	ND		0.020	mg/L	20	05/29/13 06:50 PM
Surr: 1,2-Dichloroethane-d4	108		70-130	%REC	20	05/29/13 06:50 PM
Surr: 4-Bromofluorobenzene	100		70-130	%REC	20	05/29/13 06:50 PM
Surr: Dibromofluoromethane	104		70-130	%REC	20	05/29/13 06:50 PM
Surr: Toluene-d8	100		70-130	%REC	20	05/29/13 06:50 PM

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

ALS Group USA, Corp

Date: 04-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-59-2-4W
Collection Date: 05/21/13 10:10 AM

Work Order: 13051010
Lab ID: 13051010-05
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 07:00 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 07:00 PM
Surr: DCAA	98.6		30-150	%REC	1	05/29/13 07:00 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/31/13 12:38 AM
Endrin	ND		0.00025	mg/L	1	05/31/13 12:38 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/31/13 12:38 AM
Heptachlor	ND		0.00025	mg/L	1	05/31/13 12:38 AM
Methoxychlor	ND		0.00025	mg/L	1	05/31/13 12:38 AM
Toxaphene	ND		0.020	mg/L	1	05/31/13 12:38 AM
Surr: Decachlorobiphenyl	61.0		30-135	%REC	1	05/31/13 12:38 AM
Surr: Tetrachloro-m-xylene	64.0		25-140	%REC	1	05/31/13 12:38 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:20 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/29/13	Analyst: RH
Arsenic	ND		0.010	mg/L	1	05/29/13 04:50 PM
Barium	0.37		0.050	mg/L	1	05/29/13 04:50 PM
Cadmium	ND		0.0020	mg/L	1	05/29/13 04:50 PM
Chromium	ND		0.020	mg/L	1	05/29/13 04:50 PM
Lead	ND		0.010	mg/L	1	05/29/13 04:50 PM
Selenium	ND		0.020	mg/L	1	05/29/13 04:50 PM
Silver	ND		0.0050	mg/L	1	05/29/13 04:50 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/31/13 03:45 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 03:45 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 03:45 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/31/13 03:45 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/31/13 03:45 AM
Hexachlorobenzene	ND		0.10	mg/L	1	05/31/13 03:45 AM
Hexachloroethane	ND		0.10	mg/L	1	05/31/13 03:45 AM
m-Cresol	ND		0.10	mg/L	1	05/31/13 03:45 AM
Nitrobenzene	ND		0.10	mg/L	1	05/31/13 03:45 AM
o-Cresol	ND		0.10	mg/L	1	05/31/13 03:45 AM
p-Cresol	ND		0.10	mg/L	1	05/31/13 03:45 AM
Pentachlorophenol	ND		0.40	mg/L	1	05/31/13 03:45 AM
Pyridine	ND		0.40	mg/L	1	05/31/13 03:45 AM
Surr: 2,4,6-Tribromophenol	47.2		21-125	%REC	1	05/31/13 03:45 AM

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

ALS Group USA, Corp

Date: 04-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051010

Sample ID: IA1-59-2-4W

Lab ID: 13051010-05

Collection Date: 05/21/13 10:10 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	58.2		39-94	%REC	1	05/31/13 03:45 AM
<i>Surr: 2-Fluorophenol</i>	31.9		10-75	%REC	1	05/31/13 03:45 AM
<i>Surr: 4-Terphenyl-d14</i>	119		26-119	%REC	1	05/31/13 03:45 AM
<i>Surr: Nitrobenzene-d5</i>	54.5		41-104	%REC	1	05/31/13 03:45 AM
<i>Surr: Phenol-d6</i>	14.1		11-50	%REC	1	05/31/13 03:45 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/29/13	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	05/30/13 05:20 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/30/13 05:20 PM
2-Butanone	ND		0.20	mg/L	20	05/30/13 05:20 PM
Benzene	ND		0.020	mg/L	20	05/30/13 05:20 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/30/13 05:20 PM
Chlorobenzene	ND		0.020	mg/L	20	05/30/13 05:20 PM
Chloroform	ND		0.020	mg/L	20	05/30/13 05:20 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/30/13 05:20 PM
Trichloroethene	ND		0.020	mg/L	20	05/30/13 05:20 PM
Vinyl chloride	ND		0.020	mg/L	20	05/30/13 05:20 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	108		70-130	%REC	20	05/30/13 05:20 PM
<i>Surr: 4-Bromofluorobenzene</i>	96.0		70-130	%REC	20	05/30/13 05:20 PM
<i>Surr: Dibromofluoromethane</i>	105		70-130	%REC	20	05/30/13 05:20 PM
<i>Surr: Toluene-d8</i>	99.8		70-130	%REC	20	05/30/13 05:20 PM

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

**WHIRLPOOL PARK SITE
GREEN SPRINGS, SANDUSKY COUNTY, OHIO
DATA VALIDATION REPORT**

Date: July 19, 2013

Laboratory: ALS Environmental (ALS), Holland, Michigan

Laboratory Project #: 13051015

Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON®) Superfund Technical Assessment and Response Team (START)

Weston Analytical Work Order #/TDD #: 20405.016.001.2063.00/S05-0001-1212-007

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 soil samples collected for the Whirlpool Park Site that was analyzed for the following parameters and U.S. Environmental Protection Agency methods:

- Toxicity Characteristic Leaching Procedure (TCLP) Volatile Organic Compounds (VOC) by SW-846 Methods 1311 and 8260
- TCLP Semivolatile Organic Carbons (SVOC) by SW-846 Methods 1311 and 8270
- TCLP Pesticides by SW-846 Methods 1311 and 8081
- TCLP Herbicides by SW-846 Methods 1311 and 8151
- TCLP Metals by SW-846 Methods 1311, 6020A, and 7470A

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.

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
IA1-532-0-2W	13051015-01	Soil	5/21/2013	5/30/2013
AST-W1W	13051015-02	Soil	5/22/2013	5/30/2013
IA1-531-8-10W	13051015-03	Soil	5/22/2013	5/30/2013
IA1-526-0-2W	13051015-04	Soil	5/22/2013	5/31/2013
IA1-525-0-2W	13051015-05	Soil	5/22/2013	5/30/2013
IA1-545-8-10W	13051015-06	Soil	5/23/2013	5/31/2013
IA1-543-5-7W	13051015-07	Soil	5/23/2013	6/3/2013
IA1-551-2-4W	13051015-08	Soil	5/24/2013	5/31/2013

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 and were free of VOCs above the reporting limits.

4. Surrogate Results

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

5. Laboratory Control Sample (LCS) Results

The LCS recoveries were within laboratory QC limits.

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

A site-specific MS and MSD were not analyzed with this work order. Therefore, matrix interferences could not be evaluated using MS/MSDs. For the MS/MSDs that were analyzed, the percent recoveries and relative percent differences (RPD) were mostly within QC limits.

7. **Field Duplicate Results**

There is no field duplicate associated with this work order.

8. **Overall Assessment**

The TCLP VOC 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
IA1-532-0-2W	13051015-01	Soil	5/21/2013	5/30/2013	5/31/2013
AST-W1W	13051015-02	Soil	5/22/2013	5/30/2013	5/31/2013
IA1-531-8-10W	13051015-03	Soil	5/22/2013	5/30/2013	5/31/2013
IA1-526-0-2W	13051015-04	Soil	5/22/2013	5/30/2013	5/31/2013
IA1-525-0-2W	13051015-05	Soil	5/22/2013	5/30/2013	5/31/2013
IA1-545-8-10W	13051015-06	Soil	5/23/2013	5/30/2013	5/31/2013
IA1-543-5-7W	13051015-07	Soil	5/23/2013	5/30/2013	5/31/2013
IA1-551-2-4W	13051015-08	Soil	5/24/2013	5/30/2013	5/31/2013

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 as follows. In two samples, one of the six surrogates was slightly outside the QC limits. Because the QC limits were only slightly exceeded and the other surrogates were acceptable, no qualifications were applied for this minor discrepancy.

5. **LCS Results**

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

6. **MS and MSD Results**

A site-specific MS and MSD were analyzed. The percent recoveries and RPDs were within QC limits.

7. **Field Duplicate Results**

There is no field duplicate associated with this work order.

8. **Overall Assessment**

The TCLP SVOC 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
IA1-532-0-2W	13051015-01	Soil	5/21/2013	5/29/2013	5/31/2013
AST-W1W	13051015-02	Soil	5/22/2013	5/29/2013	5/31/2013
IA1-531-8-10W	13051015-03	Soil	5/22/2013	5/29/2013	5/31/2013
IA1-526-0-2W	13051015-04	Soil	5/22/2013	5/29/2013	5/31/2013
IA1-525-0-2W	13051015-05	Soil	5/22/2013	5/29/2013	5/31/2013
IA1-545-8-10W	13051015-06	Soil	5/23/2013	5/29/2013	5/31/2013
IA1-543-5-7W	13051015-07	Soil	5/23/2013	5/29/2013	5/31/2013
IA1-551-2-4W	13051015-08	Soil	5/24/2013	5/29/2013	5/31/2013

2. **Holding Times**

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

3. Blanks

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

4. Surrogates

The surrogate recoveries were within QC limits.

5. LCS Results

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

6. MS and MSD Results

A site-specific MS and MSD were analyzed. The percent recoveries and RPDs were within QC limits.

7. Field Duplicate Results

There is no field duplicate associated with this work order.

8. Overall Assessment

The TCLP pesticide 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
IA1-532-0-2W	13051015-01	Soil	5/21/2013	5/29/2013	5/29/2013
AST-W1W	13051015-02	Soil	5/22/2013	5/29/2013	5/29/2013
IA1-531-8-10W	13051015-03	Soil	5/22/2013	5/29/2013	5/29/2013
IA1-526-0-2W	13051015-04	Soil	5/22/2013	5/29/2013	5/29/2013
IA1-525-0-2W	13051015-05	Soil	5/22/2013	5/29/2013	5/29/2013
IA1-545-8-10W	13051015-06	Soil	5/23/2013	5/29/2013	5/29/2013
IA1-543-5-7W	13051015-07	Soil	5/23/2013	5/29/2013	5/29/2013
IA1-551-2-4W	13051015-08	Soil	5/24/2013	5/29/2013	5/29/2013

2. **Holding Times**

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

3. **Blanks**

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

4. **Surrogates**

The surrogate recoveries were within QC limits.

5. **LCS Results**

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

6. **MS and MSD Results**

A site-specific MS and MSD were analyzed. The percent recoveries and RPDs were within QC limits.

7. **Field Duplicate Results**

There is no field duplicate associated with this work order.

8. **Overall Assessment**

The TCLP herbicide 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
IA1-532-0-2W	13051015-01	Soil	5/21/2013	5/29/2013- 5/31/2013
AST-W1W	13051015-02	Soil	5/22/2013	5/29/2013- 5/31/2013
IA1-531-8-10W	13051015-03	Soil	5/22/2013	5/29/2013- 5/31/2013
IA1-526-0-2W	13051015-04	Soil	5/22/2013	5/29/2013- 5/31/2013
IA1-525-0-2W	13051015-05	Soil	5/22/2013	5/29/2013- 5/31/2013
IA1-545-8-10W	13051015-06	Soil	5/23/2013	5/29/2013- 5/31/2013
IA1-543-5-7W	13051015-07	Soil	5/23/2013	5/29/2013- 5/31/2013
IA1-551-2-4W	13051015-08	Soil	5/24/2013	5/29/2013- 5/31/2013

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.

4. LCS Results

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

5. MS and MSD Results

A site-specific MS and MSD were not analyzed. For the MS and MSD that were analyzed, the percent recoveries and RPDs were within QC limits.

6. Field Duplicate Results

There is no field duplicate associated with this work order.

Data Validation Report
Whirlpool Park Site
ALS Environmental
Laboratory Project #: 13051015

7. Overall Assessment

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

Data Validation Report
Whirlpool Park Site
ALS Environmental
Laboratory Project #: 13051015

ATTACHMENT

**ALS ENVIRONMENTAL
RESULTS SUMMARY WITH QUALIFIERS**

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
WorkOrder: 13051015

**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
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
TDL	Target Detection Limit
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

<u>Units Reported</u>	<u>Description</u>
mg/L	Milligrams per Liter

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-532-0-2W
Collection Date: 05/21/13 04:30 PM

Work Order: 13051015
Lab ID: 13051015-01
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 07:13 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 07:13 PM
Surr: DCAA	104		30-150	%REC	1	05/29/13 07:13 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/31/13 01:25 AM
Endrin	ND		0.00025	mg/L	1	05/31/13 01:25 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/31/13 01:25 AM
Heptachlor	ND		0.00025	mg/L	1	05/31/13 01:25 AM
Methoxychlor	ND		0.00025	mg/L	1	05/31/13 01:25 AM
Toxaphene	ND		0.020	mg/L	1	05/31/13 01:25 AM
Surr: Decachlorobiphenyl	56.0		30-135	%REC	1	05/31/13 01:25 AM
Surr: Tetrachloro-m-xylene	57.0		25-140	%REC	1	05/31/13 01:25 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:22 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Arsenic	ND		0.010	mg/L	1	05/31/13 07:52 PM
Barium	0.22		0.050	mg/L	1	05/31/13 07:52 PM
Cadmium	ND		0.0020	mg/L	1	05/31/13 07:52 PM
Chromium	ND		0.020	mg/L	1	05/31/13 07:52 PM
Lead	ND		0.010	mg/L	1	05/31/13 07:52 PM
Selenium	ND		0.020	mg/L	1	05/31/13 07:52 PM
Silver	ND		0.0050	mg/L	1	05/31/13 07:52 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/31/13 04:08 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 04:08 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 04:08 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/31/13 04:08 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/31/13 04:08 AM
Hexachlorobenzene	ND		0.10	mg/L	1	05/31/13 04:08 AM
Hexachloroethane	ND		0.10	mg/L	1	05/31/13 04:08 AM
m-Cresol	ND		0.10	mg/L	1	05/31/13 04:08 AM
Nitrobenzene	ND		0.10	mg/L	1	05/31/13 04:08 AM
o-Cresol	ND		0.10	mg/L	1	05/31/13 04:08 AM
p-Cresol	ND		0.10	mg/L	1	05/31/13 04:08 AM
Pentachlorophenol	ND		0.40	mg/L	1	05/31/13 04:08 AM
Pyridine	ND		0.40	mg/L	1	05/31/13 04:08 AM
Surr: 2,4,6-Tribromophenol	47.2		21-125	%REC	1	05/31/13 04:08 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051015

Sample ID: IA1-532-0-2W

Lab ID: 13051015-01

Collection Date: 05/21/13 04:30 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	56.8		39-94	%REC	1	05/31/13 04:08 AM
<i>Surr: 2-Fluorophenol</i>	31.9		10-75	%REC	1	05/31/13 04:08 AM
<i>Surr: 4-Terphenyl-d14</i>	131	S	26-119	%REC	1	05/31/13 04:08 AM
<i>Surr: Nitrobenzene-d5</i>	53.6		41-104	%REC	1	05/31/13 04:08 AM
<i>Surr: Phenol-d6</i>	14.6		11-50	%REC	1	05/31/13 04:08 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/29/13	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	05/30/13 05:42 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/30/13 05:42 PM
2-Butanone	ND		0.20	mg/L	20	05/30/13 05:42 PM
Benzene	ND		0.020	mg/L	20	05/30/13 05:42 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/30/13 05:42 PM
Chlorobenzene	ND		0.020	mg/L	20	05/30/13 05:42 PM
Chloroform	ND		0.020	mg/L	20	05/30/13 05:42 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/30/13 05:42 PM
Trichloroethene	ND		0.020	mg/L	20	05/30/13 05:42 PM
Vinyl chloride	ND		0.020	mg/L	20	05/30/13 05:42 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	109		70-130	%REC	20	05/30/13 05:42 PM
<i>Surr: 4-Bromofluorobenzene</i>	99.9		70-130	%REC	20	05/30/13 05:42 PM
<i>Surr: Dibromofluoromethane</i>	104		70-130	%REC	20	05/30/13 05:42 PM
<i>Surr: Toluene-d8</i>	102		70-130	%REC	20	05/30/13 05:42 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: AST-W1W
Collection Date: 05/22/13 12:45 PM

Work Order: 13051015
Lab ID: 13051015-02
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 07:27 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 07:27 PM
Surr: DCAA	101		30-150	%REC	1	05/29/13 07:27 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/31/13 01:40 AM
Endrin	ND		0.00025	mg/L	1	05/31/13 01:40 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/31/13 01:40 AM
Heptachlor	ND		0.00025	mg/L	1	05/31/13 01:40 AM
Methoxychlor	ND		0.00025	mg/L	1	05/31/13 01:40 AM
Toxaphene	ND		0.020	mg/L	1	05/31/13 01:40 AM
Surr: Decachlorobiphenyl	52.0		30-135	%REC	1	05/31/13 01:40 AM
Surr: Tetrachloro-m-xylene	65.0		25-140	%REC	1	05/31/13 01:40 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:24 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Arsenic	ND		0.010	mg/L	1	05/31/13 07:58 PM
Barium	0.093		0.050	mg/L	1	05/31/13 07:58 PM
Cadmium	0.0025		0.0020	mg/L	1	05/31/13 07:58 PM
Chromium	ND		0.020	mg/L	1	05/31/13 07:58 PM
Lead	ND		0.010	mg/L	1	05/31/13 07:58 PM
Selenium	ND		0.020	mg/L	1	05/31/13 07:58 PM
Silver	ND		0.0050	mg/L	1	05/31/13 07:58 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/31/13 04:30 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 04:30 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 04:30 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/31/13 04:30 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/31/13 04:30 AM
Hexachlorobenzene	ND		0.10	mg/L	1	05/31/13 04:30 AM
Hexachloroethane	ND		0.10	mg/L	1	05/31/13 04:30 AM
m-Cresol	ND		0.10	mg/L	1	05/31/13 04:30 AM
Nitrobenzene	ND		0.10	mg/L	1	05/31/13 04:30 AM
o-Cresol	ND		0.10	mg/L	1	05/31/13 04:30 AM
p-Cresol	ND		0.10	mg/L	1	05/31/13 04:30 AM
Pentachlorophenol	ND		0.40	mg/L	1	05/31/13 04:30 AM
Pyridine	ND		0.40	mg/L	1	05/31/13 04:30 AM
Surr: 2,4,6-Tribromophenol	51.4		21-125	%REC	1	05/31/13 04:30 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: AST-W1W
Collection Date: 05/22/13 12:45 PM

Work Order: 13051015
Lab ID: 13051015-02
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	59.5		39-94	%REC	1	05/31/13 04:30 AM
Surr: 2-Fluorophenol	38.9		10-75	%REC	1	05/31/13 04:30 AM
Surr: 4-Terphenyl-d14	121	S	26-119	%REC	1	05/31/13 04:30 AM
Surr: Nitrobenzene-d5	59.5		41-104	%REC	1	05/31/13 04:30 AM
Surr: Phenol-d6	20.4		11-50	%REC	1	05/31/13 04:30 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/30/13	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	05/30/13 06:04 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/30/13 06:04 PM
2-Butanone	ND		0.20	mg/L	20	05/30/13 06:04 PM
Benzene	ND		0.020	mg/L	20	05/30/13 06:04 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/30/13 06:04 PM
Chlorobenzene	ND		0.020	mg/L	20	05/30/13 06:04 PM
Chloroform	ND		0.020	mg/L	20	05/30/13 06:04 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/30/13 06:04 PM
Trichloroethene	ND		0.020	mg/L	20	05/30/13 06:04 PM
Vinyl chloride	ND		0.020	mg/L	20	05/30/13 06:04 PM
Surr: 1,2-Dichloroethane-d4	110		70-130	%REC	20	05/30/13 06:04 PM
Surr: 4-Bromofluorobenzene	98.0		70-130	%REC	20	05/30/13 06:04 PM
Surr: Dibromofluoromethane	105		70-130	%REC	20	05/30/13 06:04 PM
Surr: Toluene-d8	99.2		70-130	%REC	20	05/30/13 06:04 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-531-8-10W
Collection Date: 05/22/13 04:05 PM

Work Order: 13051015
Lab ID: 13051015-03
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 07:40 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 07:40 PM
Surr: DCAA	96.4		30-150	%REC	1	05/29/13 07:40 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/31/13 01:56 AM
Endrin	ND		0.00025	mg/L	1	05/31/13 01:56 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/31/13 01:56 AM
Heptachlor	ND		0.00025	mg/L	1	05/31/13 01:56 AM
Methoxychlor	ND		0.00025	mg/L	1	05/31/13 01:56 AM
Toxaphene	ND		0.020	mg/L	1	05/31/13 01:56 AM
Surr: Decachlorobiphenyl	53.0		30-135	%REC	1	05/31/13 01:56 AM
Surr: Tetrachloro-m-xylene	90.0		25-140	%REC	1	05/31/13 01:56 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:26 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Arsenic	0.028		0.010	mg/L	1	05/31/13 08:03 PM
Barium	0.59		0.050	mg/L	1	05/31/13 08:03 PM
Cadmium	ND		0.0020	mg/L	1	05/31/13 08:03 PM
Chromium	0.097		0.020	mg/L	1	05/31/13 08:03 PM
Lead	ND		0.010	mg/L	1	05/31/13 08:03 PM
Selenium	ND		0.020	mg/L	1	05/31/13 08:03 PM
Silver	ND		0.0050	mg/L	1	05/31/13 08:03 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/31/13 04:52 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 04:52 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 04:52 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/31/13 04:52 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/31/13 04:52 AM
Hexachlorobenzene	ND		0.10	mg/L	1	05/31/13 04:52 AM
Hexachloroethane	ND		0.10	mg/L	1	05/31/13 04:52 AM
m-Cresol	ND		0.10	mg/L	1	05/31/13 04:52 AM
Nitrobenzene	ND		0.10	mg/L	1	05/31/13 04:52 AM
o-Cresol	ND		0.10	mg/L	1	05/31/13 04:52 AM
p-Cresol	ND		0.10	mg/L	1	05/31/13 04:52 AM
Pentachlorophenol	ND		0.40	mg/L	1	05/31/13 04:52 AM
Pyridine	ND		0.40	mg/L	1	05/31/13 04:52 AM
Surr: 2,4,6-Tribromophenol	50.3		21-125	%REC	1	05/31/13 04:52 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051015

Sample ID: IA1-531-8-10W

Lab ID: 13051015-03

Collection Date: 05/22/13 04:05 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 2-Fluorobiphenyl	59.2		39-94	%REC	1	05/31/13 04:52 AM
Surr: 2-Fluorophenol	37.1		10-75	%REC	1	05/31/13 04:52 AM
Surr: 4-Terphenyl-d14	126	S	26-119	%REC	1	05/31/13 04:52 AM
Surr: Nitrobenzene-d5	58.0		41-104	%REC	1	05/31/13 04:52 AM
Surr: Phenol-d6	20.1		11-50	%REC	1	05/31/13 04:52 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/30/13	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	05/30/13 06:26 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/30/13 06:26 PM
2-Butanone	ND		0.20	mg/L	20	05/30/13 06:26 PM
Benzene	ND		0.020	mg/L	20	05/30/13 06:26 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/30/13 06:26 PM
Chlorobenzene	ND		0.020	mg/L	20	05/30/13 06:26 PM
Chloroform	ND		0.020	mg/L	20	05/30/13 06:26 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/30/13 06:26 PM
Trichloroethene	ND		0.020	mg/L	20	05/30/13 06:26 PM
Vinyl chloride	ND		0.020	mg/L	20	05/30/13 06:26 PM
Surr: 1,2-Dichloroethane-d4	110		70-130	%REC	20	05/30/13 06:26 PM
Surr: 4-Bromofluorobenzene	100		70-130	%REC	20	05/30/13 06:26 PM
Surr: Dibromofluoromethane	106		70-130	%REC	20	05/30/13 06:26 PM
Surr: Toluene-d8	101		70-130	%REC	20	05/30/13 06:26 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-526-0-2W
Collection Date: 05/22/13 08:45 AM

Work Order: 13051015
Lab ID: 13051015-04
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 07:54 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 07:54 PM
Surr: DCAA	96.2		30-150	%REC	1	05/29/13 07:54 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/31/13 02:12 AM
Endrin	ND		0.00025	mg/L	1	05/31/13 02:12 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/31/13 02:12 AM
Heptachlor	ND		0.00025	mg/L	1	05/31/13 02:12 AM
Methoxychlor	ND		0.00025	mg/L	1	05/31/13 02:12 AM
Toxaphene	ND		0.020	mg/L	1	05/31/13 02:12 AM
Surr: Decachlorobiphenyl	56.0		30-135	%REC	1	05/31/13 02:12 AM
Surr: Tetrachloro-m-xylene	57.0		25-140	%REC	1	05/31/13 02:12 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:28 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Arsenic	ND		0.010	mg/L	1	05/31/13 08:08 PM
Barium	0.59		0.050	mg/L	1	05/31/13 08:08 PM
Cadmium	0.0023		0.0020	mg/L	1	05/31/13 08:08 PM
Chromium	ND		0.020	mg/L	1	05/31/13 08:08 PM
Lead	ND		0.010	mg/L	1	05/31/13 08:08 PM
Selenium	ND		0.020	mg/L	1	05/31/13 08:08 PM
Silver	ND		0.0050	mg/L	1	05/31/13 08:08 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/31/13 05:14 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 05:14 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 05:14 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/31/13 05:14 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/31/13 05:14 AM
Hexachlorobenzene	ND		0.10	mg/L	1	05/31/13 05:14 AM
Hexachloroethane	ND		0.10	mg/L	1	05/31/13 05:14 AM
m-Cresol	ND		0.10	mg/L	1	05/31/13 05:14 AM
Nitrobenzene	ND		0.10	mg/L	1	05/31/13 05:14 AM
o-Cresol	ND		0.10	mg/L	1	05/31/13 05:14 AM
p-Cresol	ND		0.10	mg/L	1	05/31/13 05:14 AM
Pentachlorophenol	ND		0.40	mg/L	1	05/31/13 05:14 AM
Pyridine	ND		0.40	mg/L	1	05/31/13 05:14 AM
Surr: 2,4,6-Tribromophenol	49.9		21-125	%REC	1	05/31/13 05:14 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051015

Sample ID: IA1-526-0-2W

Lab ID: 13051015-04

Collection Date: 05/22/13 08:45 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	55.4		39-94	%REC	1	05/31/13 05:14 AM
<i>Surr: 2-Fluorophenol</i>	34.3		10-75	%REC	1	05/31/13 05:14 AM
<i>Surr: 4-Terphenyl-d14</i>	113		26-119	%REC	1	05/31/13 05:14 AM
<i>Surr: Nitrobenzene-d5</i>	54.1		41-104	%REC	1	05/31/13 05:14 AM
<i>Surr: Phenol-d6</i>	17.4		11-50	%REC	1	05/31/13 05:14 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/30/13	Analyst: AK
1,1-Dichloroethene	ND		0.020	mg/L	20	05/31/13 01:26 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/31/13 01:26 PM
2-Butanone	ND		0.20	mg/L	20	05/31/13 01:26 PM
Benzene	ND		0.020	mg/L	20	05/31/13 01:26 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/31/13 01:26 PM
Chlorobenzene	ND		0.020	mg/L	20	05/31/13 01:26 PM
Chloroform	ND		0.020	mg/L	20	05/31/13 01:26 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/31/13 01:26 PM
Trichloroethene	ND		0.020	mg/L	20	05/31/13 01:26 PM
Vinyl chloride	ND		0.020	mg/L	20	05/31/13 01:26 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	92.0		70-130	%REC	20	05/31/13 01:26 PM
<i>Surr: 4-Bromofluorobenzene</i>	102		70-130	%REC	20	05/31/13 01:26 PM
<i>Surr: Dibromofluoromethane</i>	96.2		70-130	%REC	20	05/31/13 01:26 PM
<i>Surr: Toluene-d8</i>	97.2		70-130	%REC	20	05/31/13 01:26 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-525-0-2W
Collection Date: 05/22/13 01:35 PM

Work Order: 13051015
Lab ID: 13051015-05
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 08:07 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 08:07 PM
Surr: DCAA	93.8		30-150	%REC	1	05/29/13 08:07 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/31/13 02:27 AM
Endrin	ND		0.00025	mg/L	1	05/31/13 02:27 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/31/13 02:27 AM
Heptachlor	ND		0.00025	mg/L	1	05/31/13 02:27 AM
Methoxychlor	ND		0.00025	mg/L	1	05/31/13 02:27 AM
Toxaphene	ND		0.020	mg/L	1	05/31/13 02:27 AM
Surr: Decachlorobiphenyl	52.0		30-135	%REC	1	05/31/13 02:27 AM
Surr: Tetrachloro-m-xylene	59.0		25-140	%REC	1	05/31/13 02:27 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:43 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Arsenic	ND		0.010	mg/L	1	05/31/13 08:13 PM
Barium	0.15		0.050	mg/L	1	05/31/13 08:13 PM
Cadmium	ND		0.0020	mg/L	1	05/31/13 08:13 PM
Chromium	ND		0.020	mg/L	1	05/31/13 08:13 PM
Lead	ND		0.010	mg/L	1	05/31/13 08:13 PM
Selenium	ND		0.020	mg/L	1	05/31/13 08:13 PM
Silver	ND		0.0050	mg/L	1	05/31/13 08:13 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/31/13 05:36 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 05:36 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 05:36 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/31/13 05:36 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/31/13 05:36 AM
Hexachlorobenzene	ND		0.10	mg/L	1	05/31/13 05:36 AM
Hexachloroethane	ND		0.10	mg/L	1	05/31/13 05:36 AM
m-Cresol	ND		0.10	mg/L	1	05/31/13 05:36 AM
Nitrobenzene	ND		0.10	mg/L	1	05/31/13 05:36 AM
o-Cresol	ND		0.10	mg/L	1	05/31/13 05:36 AM
p-Cresol	ND		0.10	mg/L	1	05/31/13 05:36 AM
Pentachlorophenol	ND		0.40	mg/L	1	05/31/13 05:36 AM
Pyridine	ND		0.40	mg/L	1	05/31/13 05:36 AM
Surr: 2,4,6-Tribromophenol	40.3		21-125	%REC	1	05/31/13 05:36 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051015

Sample ID: IA1-525-0-2W

Lab ID: 13051015-05

Collection Date: 05/22/13 01:35 PM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	45.0		39-94	%REC	1	05/31/13 05:36 AM
<i>Surr: 2-Fluorophenol</i>	25.4		10-75	%REC	1	05/31/13 05:36 AM
<i>Surr: 4-Terphenyl-d14</i>	109		26-119	%REC	1	05/31/13 05:36 AM
<i>Surr: Nitrobenzene-d5</i>	44.6		41-104	%REC	1	05/31/13 05:36 AM
<i>Surr: Phenol-d6</i>	13.3		11-50	%REC	1	05/31/13 05:36 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/30/13	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	05/30/13 06:48 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/30/13 06:48 PM
2-Butanone	ND		0.20	mg/L	20	05/30/13 06:48 PM
Benzene	ND		0.020	mg/L	20	05/30/13 06:48 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/30/13 06:48 PM
Chlorobenzene	ND		0.020	mg/L	20	05/30/13 06:48 PM
Chloroform	ND		0.020	mg/L	20	05/30/13 06:48 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/30/13 06:48 PM
Trichloroethene	ND		0.020	mg/L	20	05/30/13 06:48 PM
Vinyl chloride	ND		0.020	mg/L	20	05/30/13 06:48 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	110		70-130	%REC	20	05/30/13 06:48 PM
<i>Surr: 4-Bromofluorobenzene</i>	99.8		70-130	%REC	20	05/30/13 06:48 PM
<i>Surr: Dibromofluoromethane</i>	106		70-130	%REC	20	05/30/13 06:48 PM
<i>Surr: Toluene-d8</i>	100		70-130	%REC	20	05/30/13 06:48 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-545-8-10W
Collection Date: 05/23/13 10:00 AM

Work Order: 13051015
Lab ID: 13051015-06
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 08:21 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 08:21 PM
Surr: DCAA	84.6		30-150	%REC	1	05/29/13 08:21 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/31/13 02:43 AM
Endrin	ND		0.00025	mg/L	1	05/31/13 02:43 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/31/13 02:43 AM
Heptachlor	ND		0.00025	mg/L	1	05/31/13 02:43 AM
Methoxychlor	ND		0.00025	mg/L	1	05/31/13 02:43 AM
Toxaphene	ND		0.020	mg/L	1	05/31/13 02:43 AM
Surr: Decachlorobiphenyl	54.0		30-135	%REC	1	05/31/13 02:43 AM
Surr: Tetrachloro-m-xylene	56.0		25-140	%REC	1	05/31/13 02:43 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:51 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Arsenic	0.017		0.010	mg/L	1	05/31/13 08:35 PM
Barium	0.72		0.050	mg/L	1	05/31/13 08:35 PM
Cadmium	ND		0.0020	mg/L	1	05/31/13 08:35 PM
Chromium	ND		0.020	mg/L	1	05/31/13 08:35 PM
Lead	ND		0.010	mg/L	1	05/31/13 08:35 PM
Selenium	ND		0.020	mg/L	1	05/31/13 08:35 PM
Silver	ND		0.0050	mg/L	1	05/31/13 08:35 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/31/13 05:59 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 05:59 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 05:59 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/31/13 05:59 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/31/13 05:59 AM
Hexachlorobenzene	ND		0.10	mg/L	1	05/31/13 05:59 AM
Hexachloroethane	ND		0.10	mg/L	1	05/31/13 05:59 AM
m-Cresol	ND		0.10	mg/L	1	05/31/13 05:59 AM
Nitrobenzene	ND		0.10	mg/L	1	05/31/13 05:59 AM
o-Cresol	ND		0.10	mg/L	1	05/31/13 05:59 AM
p-Cresol	ND		0.10	mg/L	1	05/31/13 05:59 AM
Pentachlorophenol	ND		0.40	mg/L	1	05/31/13 05:59 AM
Pyridine	ND		0.40	mg/L	1	05/31/13 05:59 AM
Surr: 2,4,6-Tribromophenol	44.2		21-125	%REC	1	05/31/13 05:59 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051015

Sample ID: IA1-545-8-10W

Lab ID: 13051015-06

Collection Date: 05/23/13 10:00 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	49.3		39-94	%REC	1	05/31/13 05:59 AM
<i>Surr: 2-Fluorophenol</i>	30.4		10-75	%REC	1	05/31/13 05:59 AM
<i>Surr: 4-Terphenyl-d14</i>	116		26-119	%REC	1	05/31/13 05:59 AM
<i>Surr: Nitrobenzene-d5</i>	47.6		41-104	%REC	1	05/31/13 05:59 AM
<i>Surr: Phenol-d6</i>	15.3		11-50	%REC	1	05/31/13 05:59 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/30/13	Analyst: AK
1,1-Dichloroethene	ND		0.020	mg/L	20	05/31/13 01:50 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/31/13 01:50 PM
2-Butanone	ND		0.20	mg/L	20	05/31/13 01:50 PM
Benzene	ND		0.020	mg/L	20	05/31/13 01:50 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/31/13 01:50 PM
Chlorobenzene	ND		0.020	mg/L	20	05/31/13 01:50 PM
Chloroform	ND		0.020	mg/L	20	05/31/13 01:50 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/31/13 01:50 PM
Trichloroethene	ND		0.020	mg/L	20	05/31/13 01:50 PM
Vinyl chloride	ND		0.020	mg/L	20	05/31/13 01:50 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	92.6		70-130	%REC	20	05/31/13 01:50 PM
<i>Surr: 4-Bromofluorobenzene</i>	102		70-130	%REC	20	05/31/13 01:50 PM
<i>Surr: Dibromofluoromethane</i>	98.0		70-130	%REC	20	05/31/13 01:50 PM
<i>Surr: Toluene-d8</i>	100		70-130	%REC	20	05/31/13 01:50 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-543-5-7W
Collection Date: 05/23/13 02:30 PM

Work Order: 13051015
Lab ID: 13051015-07
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 08:34 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 08:34 PM
Surr: DCAA	93.2		30-150	%REC	1	05/29/13 08:34 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/31/13 02:58 AM
Endrin	ND		0.00025	mg/L	1	05/31/13 02:58 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/31/13 02:58 AM
Heptachlor	ND		0.00025	mg/L	1	05/31/13 02:58 AM
Methoxychlor	ND		0.00025	mg/L	1	05/31/13 02:58 AM
Toxaphene	ND		0.020	mg/L	1	05/31/13 02:58 AM
Surr: Decachlorobiphenyl	52.0		30-135	%REC	1	05/31/13 02:58 AM
Surr: Tetrachloro-m-xylene	54.0		25-140	%REC	1	05/31/13 02:58 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:53 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Arsenic	ND		0.010	mg/L	1	05/31/13 08:40 PM
Barium	0.27		0.050	mg/L	1	05/31/13 08:40 PM
Cadmium	ND		0.0020	mg/L	1	05/31/13 08:40 PM
Chromium	ND		0.020	mg/L	1	05/31/13 08:40 PM
Lead	ND		0.010	mg/L	1	05/31/13 08:40 PM
Selenium	ND		0.020	mg/L	1	05/31/13 08:40 PM
Silver	ND		0.0050	mg/L	1	05/31/13 08:40 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/31/13 06:21 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 06:21 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 06:21 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/31/13 06:21 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/31/13 06:21 AM
Hexachlorobenzene	ND		0.10	mg/L	1	05/31/13 06:21 AM
Hexachloroethane	ND		0.10	mg/L	1	05/31/13 06:21 AM
m-Cresol	ND		0.10	mg/L	1	05/31/13 06:21 AM
Nitrobenzene	ND		0.10	mg/L	1	05/31/13 06:21 AM
o-Cresol	ND		0.10	mg/L	1	05/31/13 06:21 AM
p-Cresol	ND		0.10	mg/L	1	05/31/13 06:21 AM
Pentachlorophenol	ND		0.40	mg/L	1	05/31/13 06:21 AM
Pyridine	ND		0.40	mg/L	1	05/31/13 06:21 AM
Surr: 2,4,6-Tribromophenol	41.7		21-125	%REC	1	05/31/13 06:21 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-543-5-7W
Collection Date: 05/23/13 02:30 PM

Work Order: 13051015
Lab ID: 13051015-07
Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	46.5		39-94	%REC	1	05/31/13 06:21 AM
<i>Surr: 2-Fluorophenol</i>	29.4		10-75	%REC	1	05/31/13 06:21 AM
<i>Surr: 4-Terphenyl-d14</i>	105		26-119	%REC	1	05/31/13 06:21 AM
<i>Surr: Nitrobenzene-d5</i>	46.7		41-104	%REC	1	05/31/13 06:21 AM
<i>Surr: Phenol-d6</i>	14.9		11-50	%REC	1	05/31/13 06:21 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/31/13	Analyst: RS
1,1-Dichloroethene	ND		0.020	mg/L	20	06/03/13 01:17 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	06/03/13 01:17 PM
2-Butanone	ND		0.20	mg/L	20	06/03/13 01:17 PM
Benzene	ND		0.020	mg/L	20	06/03/13 01:17 PM
Carbon tetrachloride	ND		0.020	mg/L	20	06/03/13 01:17 PM
Chlorobenzene	ND		0.020	mg/L	20	06/03/13 01:17 PM
Chloroform	ND		0.020	mg/L	20	06/03/13 01:17 PM
Tetrachloroethene	ND		0.020	mg/L	20	06/03/13 01:17 PM
Trichloroethene	ND		0.020	mg/L	20	06/03/13 01:17 PM
Vinyl chloride	ND		0.020	mg/L	20	06/03/13 01:17 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	108		70-130	%REC	20	06/03/13 01:17 PM
<i>Surr: 4-Bromofluorobenzene</i>	98.6		70-130	%REC	20	06/03/13 01:17 PM
<i>Surr: Dibromofluoromethane</i>	108		70-130	%REC	20	06/03/13 01:17 PM
<i>Surr: Toluene-d8</i>	99.4		70-130	%REC	20	06/03/13 01:17 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051015

Sample ID: IA1-551-2-4W

Lab ID: 13051015-08

Collection Date: 05/24/13 08:00 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP HERBICIDES			SW8151		Prep Date: 05/29/13	Analyst: JD
2,4,5-TP (Silvex)	ND		0.0050	mg/L	1	05/29/13 08:48 PM
2,4-D	ND		0.0050	mg/L	1	05/29/13 08:48 PM
Surr: DCAA	91.0		30-150	%REC	1	05/29/13 08:48 PM
TCLP PESTICIDES			SW8081		Prep Date: 05/29/13	Analyst: JD
Chlordane, Technical	ND		0.0050	mg/L	1	05/31/13 03:14 AM
Endrin	ND		0.00025	mg/L	1	05/31/13 03:14 AM
gamma-BHC (Lindane)	ND		0.00025	mg/L	1	05/31/13 03:14 AM
Heptachlor	ND		0.00025	mg/L	1	05/31/13 03:14 AM
Methoxychlor	ND		0.00025	mg/L	1	05/31/13 03:14 AM
Toxaphene	ND		0.020	mg/L	1	05/31/13 03:14 AM
Surr: Decachlorobiphenyl	55.0		30-135	%REC	1	05/31/13 03:14 AM
Surr: Tetrachloro-m-xylene	59.0		25-140	%REC	1	05/31/13 03:14 AM
TCLP MERCURY BY CVAA			SW7470A		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.0020	mg/L	1	05/29/13 04:55 PM
TCLP METALS ANALYSIS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Arsenic	ND		0.010	mg/L	1	05/31/13 08:46 PM
Barium	0.25		0.050	mg/L	1	05/31/13 08:46 PM
Cadmium	ND		0.0020	mg/L	1	05/31/13 08:46 PM
Chromium	ND		0.020	mg/L	1	05/31/13 08:46 PM
Lead	ND		0.010	mg/L	1	05/31/13 08:46 PM
Selenium	ND		0.020	mg/L	1	05/31/13 08:46 PM
Silver	ND		0.0050	mg/L	1	05/31/13 08:46 PM
TCLP SEMI-VOLATILE ORGANICS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,4-Dichlorobenzene	ND		0.10	mg/L	1	05/31/13 06:43 AM
2,4,5-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 06:43 AM
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	05/31/13 06:43 AM
2,4-Dinitrotoluene	ND		0.10	mg/L	1	05/31/13 06:43 AM
Hexachloro-1,3-butadiene	ND		0.10	mg/L	1	05/31/13 06:43 AM
Hexachlorobenzene	ND		0.10	mg/L	1	05/31/13 06:43 AM
Hexachloroethane	ND		0.10	mg/L	1	05/31/13 06:43 AM
m-Cresol	ND		0.10	mg/L	1	05/31/13 06:43 AM
Nitrobenzene	ND		0.10	mg/L	1	05/31/13 06:43 AM
o-Cresol	ND		0.10	mg/L	1	05/31/13 06:43 AM
p-Cresol	ND		0.10	mg/L	1	05/31/13 06:43 AM
Pentachlorophenol	ND		0.40	mg/L	1	05/31/13 06:43 AM
Pyridine	ND		0.40	mg/L	1	05/31/13 06:43 AM
Surr: 2,4,6-Tribromophenol	52.5		21-125	%REC	1	05/31/13 06:43 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051015

Sample ID: IA1-551-2-4W

Lab ID: 13051015-08

Collection Date: 05/24/13 08:00 AM

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 2-Fluorobiphenyl</i>	55.7		39-94	%REC	1	05/31/13 06:43 AM
<i>Surr: 2-Fluorophenol</i>	34.4		10-75	%REC	1	05/31/13 06:43 AM
<i>Surr: 4-Terphenyl-d14</i>	110		26-119	%REC	1	05/31/13 06:43 AM
<i>Surr: Nitrobenzene-d5</i>	54.5		41-104	%REC	1	05/31/13 06:43 AM
<i>Surr: Phenol-d6</i>	18.5		11-50	%REC	1	05/31/13 06:43 AM
TCLP VOLATILE ORGANICS			SW8260		Prep Date: 05/30/13	Analyst: AK
1,1-Dichloroethene	ND		0.020	mg/L	20	05/31/13 02:13 PM
1,2-Dichloroethane	ND		0.020	mg/L	20	05/31/13 02:13 PM
2-Butanone	ND		0.20	mg/L	20	05/31/13 02:13 PM
Benzene	ND		0.020	mg/L	20	05/31/13 02:13 PM
Carbon tetrachloride	ND		0.020	mg/L	20	05/31/13 02:13 PM
Chlorobenzene	ND		0.020	mg/L	20	05/31/13 02:13 PM
Chloroform	ND		0.020	mg/L	20	05/31/13 02:13 PM
Tetrachloroethene	ND		0.020	mg/L	20	05/31/13 02:13 PM
Trichloroethene	ND		0.020	mg/L	20	05/31/13 02:13 PM
Vinyl chloride	ND		0.020	mg/L	20	05/31/13 02:13 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	91.1		70-130	%REC	20	05/31/13 02:13 PM
<i>Surr: 4-Bromofluorobenzene</i>	101		70-130	%REC	20	05/31/13 02:13 PM
<i>Surr: Dibromofluoromethane</i>	95.7		70-130	%REC	20	05/31/13 02:13 PM
<i>Surr: Toluene-d8</i>	99.9		70-130	%REC	20	05/31/13 02:13 PM

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

**WHIRLPOOL PARK SITE
GREEN SPRINGS, SANDUSKY COUNTY, OHIO
DATA VALIDATION REPORT**

Date: July 19, 2013

Laboratory: ALS Environmental (ALS), Holland, Michigan

Laboratory Project #: 13051016

Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON®) Superfund Technical Assessment and Response Team (START)

Weston Analytical Work Order #/TDD #: 20405.016.001.2063.00/S05-0001-1212-007

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 soil samples plus one trip blank collected for the Whirlpool Park Site that was analyzed for the following parameters and U.S. Environmental Protection Agency methods:

- Volatile Organic Compounds (VOC) by SW-846 Method 8260
- Semivolatile Organic Carbons (SVOC) by SW-846 Method 8270
- Polychlorinated Biphenyls (PCB) by SW-846 Method 8082
- Pesticides by SW-846 Method 8081
- Herbicides by SW-846 Method 8151
- Metals by SW-846 Methods 6020A and 7471
- Hexavalent Chromium by SW-846 Method 7196A
- pH by SW-846 Method 9045D

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

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
IA1-532-0-2W	13051016-01	Soil	5/21/2013	5/30/2013
AST-WTW	13051016-02	Soil	5/22/2013	5/29/2013
IA1-531-8-10W	13051016-03	Soil	5/22/2013	5/29/2013
IA1-526-0-2W	13051016-04	Soil	5/22/2013	5/29/2013
IA1-525-0-2W	13051016-05	Soil	5/22/2013	5/29/2013
IA1-545-8-10W	13051016-06	Soil	5/23/2013	5/29/2013
Trip-03	13051016-07	Soil	5/23/2013	5/29/2013
IA1-543-5-7W	13051016-08	Soil	5/23/2013	5/29/2013
IA1-551-2-4W	13051016-09	Soil	5/24/2013	5/29/2013

2. Holding Times

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

3. Blanks

Method blanks and a trip blank were analyzed with the VOC analyses and were free of VOCs above the reporting limits. Acetone was detected below the reporting limit in the method blanks. However, this compound was not detected in the samples and no qualifications are required.

4. Surrogate Results

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

5. Laboratory Control Sample (LCS) Results

The LCS recoveries were within laboratory QC limits.

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

A site-specific MS and MSD were analyzed with this work order. The percent recoveries and relative percent differences (RPD) were mostly within QC limits. There were two minor QC exceedances for which no qualifications were applied because the exceedances were minor and there appears to be no matrix interference based on surrogate and other MS/MSD results.

7. Field Duplicate Results

There is no field duplicate associated with this work order.

8. Overall Assessment

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

SVOCs BY SW-846 METHOD 8270

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
IA1-532-0-2W	13051016-01	Soil	5/21/2013	5/30/2013	5/30/2013
AST-WTW	13051016-02	Soil	5/22/2013	5/30/2013	5/30/2013
IA1-531-8-10W	13051016-03	Soil	5/22/2013	5/30/2013	5/30/2013
IA1-526-0-2W	13051016-04	Soil	5/22/2013	5/30/2013	5/30/2013
IA1-525-0-2W	13051016-05	Soil	5/22/2013	5/30/2013	5/30/2013
IA1-545-8-10W	13051016-06	Soil	5/23/2013	5/30/2013	5/30/2013
IA1-543-5-7W	13051016-08	Soil	5/23/2013	5/30/2013	5/31/2013
IA1-551-2-4W	13051016-09	Soil	5/24/2013	5/30/2013	5/31/2013

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. Diethyl phthalate was detected in a method

blank below the reporting limit. Diethyl phthalate was not detected in the samples and no qualifications were required.

4. Surrogate Results

The surrogate recoveries were within the laboratory-established QC limits with a few minor exceptions for which no qualifications were required.

5. LCS Results

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

6. MS and MSD Results

A site-specific MS and MSD were analyzed with this work order. The percent recoveries and RPDs were within QC limits.

7. Field Duplicate Results

There is no field duplicate associated with this work order.

8. Overall Assessment

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

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

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
IA1-532-0-2W	13051016-01	Soil	5/21/2013	5/30/2013	5/31/2013
AST-WTW	13051016-02	Soil	5/22/2013	5/30/2013	5/31/2013
IA1-531-8-10W	13051016-03	Soil	5/22/2013	5/30/2013	5/31/2013
IA1-526-0-2W	13051016-04	Soil	5/22/2013	5/30/2013	5/31/2013
IA1-525-0-2W	13051016-05	Soil	5/22/2013	5/30/2013	5/31/2013
IA1-545-8-10W	13051016-06	Soil	5/23/2013	5/30/2013	5/31/2013
IA1-543-5-7W	13051016-08	Soil	5/23/2013	5/30/2013	5/31/2013
IA1-551-2-4W	13051016-09	Soil	5/24/2013	5/30/2013	5/31/2013

2. **Holding Times**

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

3. **Blanks**

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

4. **Surrogates**

The surrogate recoveries were within QC limits.

5. **LCS Results**

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

6. **MS and MSD Results**

A site-specific MS and MSD were analyzed. The percent recoveries and RPDs were with QC limits.

7. **Field Duplicate Results**

There is no field duplicate 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
IA1-532-0-2W	13051016-01	Soil	5/21/2013	5/30/2013	6/3/2013
AST-WTW	13051016-02	Soil	5/22/2013	5/30/2013	6/3/2013
IA1-531-8-10W	13051016-03	Soil	5/22/2013	5/30/2013	6/3/2013
IA1-526-0-2W	13051016-04	Soil	5/22/2013	5/30/2013	6/3/2013
IA1-525-0-2W	13051016-05	Soil	5/22/2013	5/30/2013	6/3/2013
IA1-545-8-10W	13051016-06	Soil	5/23/2013	5/30/2013	6/3/2013
IA1-543-5-7W	13051016-08	Soil	5/23/2013	5/30/2013	6/3/2013
IA1-551-2-4W	13051016-09	Soil	5/24/2013	5/30/2013	6/3/2013

2. Holding Times

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

3. Blanks

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

4. Surrogates

The surrogate recoveries were within QC limits except for as follows. In sample IA1-531-8-10W, the surrogates were not recovered due to a high dilution. No qualifications are warranted in this instance.

5. LCS Results

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

6. MS and MSD Results

A site-specific MS and MSD were analyzed. The percent recoveries and RPDs were with QC limits except for as follows.

A couple of surrogates were detected slightly high above the QC limit. Because these pesticides were not detected in the samples, no qualifications are warranted.

There was no detection of endrin ketone in the MS and MSD. The endrin ketone quantitation limits in all samples were flagged "UJ" as estimated due to potential matrix interference.

7. Field Duplicate Results

There is no field duplicate associated with this work order.

8. Overall Assessment

The pesticide data are acceptable for use as qualified 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
IA1-532-0-2W	13051016-01	Soil	5/21/2013	5/30/2013	6/3/2013
AST-WTW	13051016-02	Soil	5/22/2013	5/30/2013	6/3/2013
IA1-531-8-10W	13051016-03	Soil	5/22/2013	5/30/2013	6/3/2013
IA1-526-0-2W	13051016-04	Soil	5/22/2013	5/30/2013	6/3/2013
IA1-525-0-2W	13051016-05	Soil	5/22/2013	5/30/2013	6/3/2013
IA1-545-8-10W	13051016-06	Soil	5/23/2013	5/30/2013	6/3/2013
IA1-543-5-7W	13051016-08	Soil	5/23/2013	5/30/2013	6/3/2013
IA1-551-2-4W	13051016-09	Soil	5/24/2013	5/30/2013	6/3/2013

2. Holding Times

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

3. **Blanks**

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

4. **Surrogates**

The surrogate recoveries were within QC limits.

5. **LCS Results**

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

6. **MS and MSD Results**

One site-specific MS and MSD were analyzed. The percent recoveries and RPDs were with QC limits.

7. **Field Duplicate Results**

There is no field duplicate associated with this work order.

8. **Overall Assessment**

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

TOTAL METALS BY SW-846 METHODS 6020A AND 7470

1. **Samples**

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

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
IA1-532-0-2W	13051016-01	Soil	5/21/2013	5/30/2013 – 6/3/2013
AST-WTW	13051016-02	Soil	5/22/2013	5/30/2013 – 6/3/2013
IA1-531-8-10W	13051016-03	Soil	5/22/2013	5/30/2013 – 6/3/2013
IA1-526-0-2W	13051016-04	Soil	5/22/2013	5/30/2013 – 6/3/2013
IA1-525-0-2W	13051016-05	Soil	5/22/2013	5/30/2013 – 6/3/2013
IA1-545-8-10W	13051016-06	Soil	5/23/2013	5/30/2013 – 6/3/2013
IA1-543-5-7W	13051016-08	Soil	5/23/2013	5/30/2013 – 6/3/2013
IA1-551-2-4W	13051016-09	Soil	5/24/2013	5/30/2013 – 6/3/2013

2. **Holding Times**

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

3. **Blank Results**

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

4. **LCS Results**

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

5. **MS and MSD Results**

A site-specific MS and MSD were analyzed for mercury only. The percent recoveries and RPD were within QC limits.

6. **Field Duplicate Results**

There is no field duplicate associated with this work order.

7. **Overall Assessment**

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

Data Validation Report
Whirlpool Park Site
ALS Environmental
Laboratory Project #: 13051016

ATTACHMENT

**ALS ENVIRONMENTAL
RESULTS SUMMARY WITH QUALIFIERS**

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
WorkOrder: 13051016

**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
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
TDL	Target Detection Limit
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

<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
s.u.	Standard Units

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-532-0-2W
Collection Date: 05/21/13 04:30 PM

Work Order: 13051016
Lab ID: 13051016-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/30/13	Analyst: JD
2,4,5-T	ND		0.057	mg/Kg-dry	1	06/03/13 10:14 AM
2,4,5-TP (Silvex)	ND		0.057	mg/Kg-dry	1	06/03/13 10:14 AM
2,4-D	ND		0.057	mg/Kg-dry	1	06/03/13 10:14 AM
Surr: DCAA	111		30-150	%REC	1	06/03/13 10:14 AM
PCBS			SW8082		Prep Date: 05/30/13	Analyst: JD
Aroclor 1016	ND		0.044	mg/Kg-dry	1	05/31/13 01:02 AM
Aroclor 1221	ND		0.044	mg/Kg-dry	1	05/31/13 01:02 AM
Aroclor 1232	ND		0.044	mg/Kg-dry	1	05/31/13 01:02 AM
Aroclor 1242	ND		0.044	mg/Kg-dry	1	05/31/13 01:02 AM
Aroclor 1248	ND		0.044	mg/Kg-dry	1	05/31/13 01:02 AM
Aroclor 1254	ND		0.044	mg/Kg-dry	1	05/31/13 01:02 AM
Aroclor 1260	ND		0.044	mg/Kg-dry	1	05/31/13 01:02 AM
Surr: Decachlorobiphenyl	69.1		40-140	%REC	1	05/31/13 01:02 AM
PESTICIDES			SW8081		Prep Date: 05/30/13	Analyst: JD
4,4'-DDD	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
4,4'-DDE	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
4,4'-DDT	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Aldrin	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
alpha-BHC	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
alpha-Chlordane	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
beta-BHC	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Chlordane, Technical	ND		0.055	mg/Kg-dry	2	06/03/13 01:21 PM
delta-BHC	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Dieldrin	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Endosulfan I	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Endosulfan II	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Endosulfan sulfate	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Endrin	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Endrin aldehyde	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Endrin ketone	ND	UJ	0.022	mg/Kg-dry	2	06/03/13 01:21 PM
gamma-BHC (Lindane)	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
gamma-Chlordane	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Heptachlor	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Heptachlor epoxide	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Methoxychlor	ND		0.022	mg/Kg-dry	2	06/03/13 01:21 PM
Toxaphene	ND		0.13	mg/Kg-dry	2	06/03/13 01:21 PM
Surr: Decachlorobiphenyl	88.1		45-135	%REC	2	06/03/13 01:21 PM
Surr: Tetrachloro-m-xylene	94.1		45-124	%REC	2	06/03/13 01:21 PM

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

24
7/19/13

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-532-0-2W

Lab ID: 13051016-01

Collection Date: 05/21/13 04:30 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 05/29/13	Analyst: LR
Mercury	ND		0.019	mg/Kg-dry	1	05/30/13 04:16 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Aluminum	6,000		3.8	mg/Kg-dry	5	06/03/13 12:55 PM
Antimony	ND		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Arsenic	3.2		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Barium	20		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Beryllium	ND		0.75	mg/Kg-dry	5	05/31/13 06:52 PM
Boron	ND		7.5	mg/Kg-dry	5	05/31/13 06:52 PM
Cadmium	ND		0.75	mg/Kg-dry	5	05/31/13 06:52 PM
Calcium	1,100		190	mg/Kg-dry	5	05/31/13 06:52 PM
Chromium	7.1		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Cobalt	3.1		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Copper	5.3		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Iron	9,300		30	mg/Kg-dry	5	05/31/13 06:52 PM
Lead	5.2		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Magnesium	1,200		75	mg/Kg-dry	5	05/31/13 06:52 PM
Manganese	100		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Nickel	8.2		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Potassium	340		75	mg/Kg-dry	5	05/31/13 06:52 PM
Selenium	ND		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Silver	ND		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Sodium	ND		75	mg/Kg-dry	5	06/03/13 12:55 PM
Thallium	ND		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Vanadium	13		1.9	mg/Kg-dry	5	05/31/13 06:52 PM
Zinc	22		3.8	mg/Kg-dry	5	05/31/13 06:52 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,1'-Biphenyl	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
2,4-Dimethylphenol	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
2,4-Dinitrophenol	ND		0.75	mg/Kg-dry	1	05/30/13 08:41 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
2-Chloronaphthalene	ND		0.091	mg/Kg-dry	1	05/30/13 08:41 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
2-Methylnaphthalene	ND		0.091	mg/Kg-dry	1	05/30/13 08:41 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-532-0-2W

Lab ID: 13051016-01

Collection Date: 05/21/13 04:30 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.75	mg/Kg-dry	1	05/30/13 08:41 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
3,3'-Dichlorobenzidine	ND		0.75	mg/Kg-dry	1	05/30/13 08:41 PM
3-Nitroaniline	ND		0.75	mg/Kg-dry	1	05/30/13 08:41 PM
4,6-Dinitro-2-methylphenol	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
4-Chloroaniline	ND		0.75	mg/Kg-dry	1	05/30/13 08:41 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
4-Nitroaniline	ND		0.75	mg/Kg-dry	1	05/30/13 08:41 PM
4-Nitrophenol	ND		0.75	mg/Kg-dry	1	05/30/13 08:41 PM
Acenaphthene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Acenaphthylene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Acetophenone	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
Anthracene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Atrazine	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
Benzaldehyde	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
Benzo(a)anthracene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Benzo(a)pyrene	0.052		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Benzo(b)fluoranthene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Benzo(g,h,i)perylene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Benzo(k)fluoranthene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
Bis(2-ethylhexyl)phthalate	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
Caprolactam	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
Carbazole	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
Chrysene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Dibenzo(a,h)anthracene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
Diethyl phthalate	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
Dimethyl phthalate	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
Di-n-butyl phthalate	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
Fluoranthene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Fluorene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-532-0-2W
Collection Date: 05/21/13 04:30 PM

Work Order: 13051016
Lab ID: 13051016-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
Hexachlorocyclopentadiene	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
Indeno(1,2,3-cd)pyrene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Isophorone	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
Naphthalene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
Pentachlorophenol	ND		0.38	mg/Kg-dry	1	05/30/13 08:41 PM
Phenanthrene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Phenol	ND		0.18	mg/Kg-dry	1	05/30/13 08:41 PM
Pyrene	ND		0.034	mg/Kg-dry	1	05/30/13 08:41 PM
Surr: 2,4,6-Tribromophenol	80.8		34-140	%REC	1	05/30/13 08:41 PM
Surr: 2-Fluorobiphenyl	75.7		12-100	%REC	1	05/30/13 08:41 PM
Surr: 2-Fluorophenol	88.6		33-117	%REC	1	05/30/13 08:41 PM
Surr: 4-Terphenyl-d14	130		25-137	%REC	1	05/30/13 08:41 PM
Surr: Nitrobenzene-d5	67.3		37-107	%REC	1	05/30/13 08:41 PM
Surr: Phenol-d6	81.1		40-106	%REC	1	05/30/13 08:41 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Prep Date: 05/28/13

Analyst: RS

1,1,1-Trichloroethane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,1,2,2-Tetrachloroethane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,1,2-Trichloroethane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,1,2-Trichlorotrifluoroethane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,1-Dichloroethane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,1-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,2,4-Trichlorobenzene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,2-Dibromo-3-chloropropane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,2-Dibromoethane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,2-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,2-Dichloroethane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,2-Dichloropropane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,3-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
1,4-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
2-Butanone	ND		0.23	mg/Kg-dry	1	05/30/13 12:57 PM
2-Hexanone	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
4-Methyl-2-pentanone	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Acetone	ND		0.11	mg/Kg-dry	1	05/30/13 12:57 PM
Benzene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Bromodichloromethane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-532-0-2W
Collection Date: 05/21/13 04:30 PM

Work Order: 13051016
Lab ID: 13051016-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Bromomethane	ND		0.086	mg/Kg-dry	1	05/30/13 12:57 PM
Carbon disulfide	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Carbon tetrachloride	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Chlorobenzene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Chloroethane	ND		0.11	mg/Kg-dry	1	05/30/13 12:57 PM
Chloroform	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Chloromethane	ND		0.11	mg/Kg-dry	1	05/30/13 12:57 PM
cis-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
cis-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Cyclohexane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Dibromochloromethane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Dichlorodifluoromethane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Ethylbenzene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Isopropylbenzene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Methyl acetate	ND		0.23	mg/Kg-dry	1	05/30/13 12:57 PM
Methyl tert-butyl ether	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Methylcyclohexane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Methylene chloride	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Styrene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Tetrachloroethene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Toluene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
trans-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
trans-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Trichloroethene	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Trichlorofluoromethane	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Vinyl chloride	ND		0.034	mg/Kg-dry	1	05/30/13 12:57 PM
Xylenes, Total	ND		0.10	mg/Kg-dry	1	05/30/13 12:57 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	105		70-130	%REC	1	05/30/13 12:57 PM
<i>Surr: 4-Bromofluorobenzene</i>	103		70-130	%REC	1	05/30/13 12:57 PM
<i>Surr: Dibromofluoromethane</i>	101		70-130	%REC	1	05/30/13 12:57 PM
<i>Surr: Toluene-d8</i>	102		70-130	%REC	1	05/30/13 12:57 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/28/13	Analyst: MB
Chromium, Hexavalent	ND		0.57	mg/Kg-dry	1	05/29/13 12:30 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	13		0.050	% of sample	1	05/28/13 02:00 PM
PH			SW9045D			Analyst: CH
pH	7.6			s.u.	1	05/28/13 10:00 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: AST-WIW
Collection Date: 05/22/13 12:45 PM

Work Order: 13051016
Lab ID: 13051016-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/30/13	Analyst: JD
2,4,5-T	ND		0.052	mg/Kg-dry	1	06/03/13 11:17 AM
2,4,5-TP (Silvex)	ND		0.10	mg/Kg-dry	1	06/03/13 11:17 AM
2,4-D	ND		0.052	mg/Kg-dry	1	06/03/13 11:17 AM
Surr: DCAA	120		30-150	%REC	1	06/03/13 11:17 AM
PCBS			SW8082		Prep Date: 05/30/13	Analyst: JD
Aroclor 1016	ND		0.041	mg/Kg-dry	1	05/31/13 03:03 AM
Aroclor 1221	ND		0.041	mg/Kg-dry	1	05/31/13 03:03 AM
Aroclor 1232	ND		0.041	mg/Kg-dry	1	05/31/13 03:03 AM
Aroclor 1242	ND		0.041	mg/Kg-dry	1	05/31/13 03:03 AM
Aroclor 1248	ND		0.041	mg/Kg-dry	1	05/31/13 03:03 AM
Aroclor 1254	ND		0.041	mg/Kg-dry	1	05/31/13 03:03 AM
Aroclor 1260	ND		0.041	mg/Kg-dry	1	05/31/13 03:03 AM
Surr: Decachlorobiphenyl	74.1		40-140	%REC	1	05/31/13 03:03 AM
PESTICIDES			SW8081		Prep Date: 05/30/13	Analyst: JD
4,4'-DDD	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
4,4'-DDE	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
4,4'-DDT	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Aldrin	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
alpha-BHC	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
alpha-Chlordane	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
beta-BHC	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Chlordane, Technical	ND		0.051	mg/Kg-dry	2	06/03/13 02:23 PM
delta-BHC	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Dieldrin	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Endosulfan I	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Endosulfan II	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Endosulfan sulfate	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Endrin	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Endrin aldehyde	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Endrin ketone	ND	UJ	0.020	mg/Kg-dry	2	06/03/13 02:23 PM
gamma-BHC (Lindane)	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
gamma-Chlordane	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Heptachlor	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Heptachlor epoxide	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Methoxychlor	ND		0.020	mg/Kg-dry	2	06/03/13 02:23 PM
Toxaphene	ND		0.12	mg/Kg-dry	2	06/03/13 02:23 PM
Surr: Decachlorobiphenyl	92.1		45-135	%REC	2	06/03/13 02:23 PM
Surr: Tetrachloro-m-xylene	90.1		45-124	%REC	2	06/03/13 02:23 PM

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

JD
7/19/13

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: AST-WIW
Collection Date: 05/22/13 12:45 PM

Work Order: 13051016
Lab ID: 13051016-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 05/29/13	Analyst: LR
Mercury	0.82		0.16	mg/Kg-dry	10	05/30/13 04:25 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Aluminum	3,700		34	mg/Kg-dry	50	06/03/13 01:00 PM
Antimony	ND		1.7	mg/Kg-dry	5	05/31/13 06:58 PM
Arsenic	ND		1.7	mg/Kg-dry	5	05/31/13 06:58 PM
Barium	6.7		1.7	mg/Kg-dry	5	05/31/13 06:58 PM
Beryllium	ND		0.68	mg/Kg-dry	5	05/31/13 06:58 PM
Boron	ND		6.8	mg/Kg-dry	5	05/31/13 06:58 PM
Cadmium	ND		0.68	mg/Kg-dry	5	05/31/13 06:58 PM
Calcium	8,400		170	mg/Kg-dry	5	05/31/13 06:58 PM
Chromium	15		1.7	mg/Kg-dry	5	05/31/13 06:58 PM
Cobalt	3.7		1.7	mg/Kg-dry	5	05/31/13 06:58 PM
Copper	4,500		17	mg/Kg-dry	50	06/03/13 01:00 PM
Iron	20,000		27	mg/Kg-dry	5	05/31/13 06:58 PM
Lead	9.3		1.7	mg/Kg-dry	5	05/31/13 06:58 PM
Magnesium	1,400		68	mg/Kg-dry	5	05/31/13 06:58 PM
Manganese	210		1.7	mg/Kg-dry	5	05/31/13 06:58 PM
Nickel	11		1.7	mg/Kg-dry	5	05/31/13 06:58 PM
Potassium	140		68	mg/Kg-dry	5	05/31/13 06:58 PM
Selenium	ND		1.7	mg/Kg-dry	5	05/31/13 06:58 PM
Silver	ND		1.7	mg/Kg-dry	5	05/31/13 06:58 PM
Sodium	ND		680	mg/Kg-dry	50	06/03/13 01:00 PM
Thallium	ND		1.7	mg/Kg-dry	5	05/31/13 06:58 PM
Vanadium	11		1.7	mg/Kg-dry	5	05/31/13 06:58 PM
Zinc	55		3.4	mg/Kg-dry	5	05/31/13 06:58 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,1'-Biphenyl	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
2,4,5-Trichlorophenol	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
2,4,6-Trichlorophenol	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
2,4-Dichlorophenol	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
2,4-Dimethylphenol	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
2,4-Dinitrophenol	ND		0.68	mg/Kg-dry	1	05/30/13 10:11 PM
2,4-Dinitrotoluene	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
2,6-Dinitrotoluene	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
2-Chloronaphthalene	ND		0.082	mg/Kg-dry	1	05/30/13 10:11 PM
2-Chlorophenol	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
2-Methylnaphthalene	ND		0.082	mg/Kg-dry	1	05/30/13 10:11 PM
2-Methylphenol	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: AST-WIW

Lab ID: 13051016-02

Collection Date: 05/22/13 12:45 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.68	mg/Kg-dry	1	05/30/13 10:11 PM
2-Nitrophenol	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
3,3'-Dichlorobenzidine	ND		0.68	mg/Kg-dry	1	05/30/13 10:11 PM
3-Nitroaniline	ND		0.68	mg/Kg-dry	1	05/30/13 10:11 PM
4,6-Dinitro-2-methylphenol	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
4-Bromophenyl phenyl ether	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
4-Chloro-3-methylphenol	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
4-Chloroaniline	ND		0.68	mg/Kg-dry	1	05/30/13 10:11 PM
4-Chlorophenyl phenyl ether	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
4-Methylphenol	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
4-Nitroaniline	ND		0.68	mg/Kg-dry	1	05/30/13 10:11 PM
4-Nitrophenol	ND		0.68	mg/Kg-dry	1	05/30/13 10:11 PM
Acenaphthene	ND		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Acenaphthylene	ND		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Acetophenone	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
Anthracene	ND		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Atrazine	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
Benzaldehyde	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
Benzo(a)anthracene	0.056		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Benzo(a)pyrene	0.067		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Benzo(b)fluoranthene	0.086		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Benzo(g,h,i)perylene	ND		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Benzo(k)fluoranthene	ND		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Bis(2-chloroethoxy)methane	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
Bis(2-chloroethyl)ether	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
Bis(2-chloroisopropyl)ether	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
Bis(2-ethylhexyl)phthalate	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
Butyl benzyl phthalate	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
Caprolactam	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
Carbazole	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
Chrysene	0.047		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Dibenzo(a,h)anthracene	ND		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Dibenzofuran	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
Diethyl phthalate	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
Dimethyl phthalate	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
Di-n-butyl phthalate	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
Di-n-octyl phthalate	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
Fluoranthene	0.065		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Fluorene	ND		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Hexachlorobenzene	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: AST-WIW
Collection Date: 05/22/13 12:45 PM

Work Order: 13051016
Lab ID: 13051016-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
Hexachlorocyclopentadiene	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
Hexachloroethane	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
Indeno(1,2,3-cd)pyrene	ND		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Isophorone	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
Naphthalene	ND		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Nitrobenzene	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
N-Nitrosodi-n-propylamine	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
N-Nitrosodiphenylamine	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
Pentachlorophenol	ND		0.34	mg/Kg-dry	1	05/30/13 10:11 PM
Phenanthrene	ND		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Phenol	ND		0.16	mg/Kg-dry	1	05/30/13 10:11 PM
Pyrene	0.062		0.031	mg/Kg-dry	1	05/30/13 10:11 PM
Surr: 2,4,6-Tribromophenol	47.5		34-140	%REC	1	05/30/13 10:11 PM
Surr: 2-Fluorobiphenyl	62.1		12-100	%REC	1	05/30/13 10:11 PM
Surr: 2-Fluorophenol	55.5		33-117	%REC	1	05/30/13 10:11 PM
Surr: 4-Terphenyl-d14	119		25-137	%REC	1	05/30/13 10:11 PM
Surr: Nitrobenzene-d5	50.9		37-107	%REC	1	05/30/13 10:11 PM
Surr: Phenol-d6	58.7		40-106	%REC	1	05/30/13 10:11 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Prep Date: 05/28/13

Analyst: RS

1,1,1-Trichloroethane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,1,2,2-Tetrachloroethane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,1,2-Trichloroethane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,1,2-Trichlorotrifluoroethane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,1-Dichloroethane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,1-Dichloroethene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,2,4-Trichlorobenzene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,2-Dibromo-3-chloropropane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,2-Dibromoethane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,2-Dichlorobenzene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,2-Dichloroethane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,2-Dichloropropane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,3-Dichlorobenzene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
1,4-Dichlorobenzene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
2-Butanone	ND		0.21	mg/Kg-dry	1	05/29/13 12:49 PM
2-Hexanone	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
4-Methyl-2-pentanone	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Acetone	ND		0.11	mg/Kg-dry	1	05/29/13 12:49 PM
Benzene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Bromodichloromethane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: AST-WIW
Collection Date: 05/22/13 12:45 PM

Work Order: 13051016
Lab ID: 13051016-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Bromomethane	ND		0.080	mg/Kg-dry	1	05/29/13 12:49 PM
Carbon disulfide	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Carbon tetrachloride	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Chlorobenzene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Chloroethane	ND		0.11	mg/Kg-dry	1	05/29/13 12:49 PM
Chloroform	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Chloromethane	ND		0.11	mg/Kg-dry	1	05/29/13 12:49 PM
cis-1,2-Dichloroethene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
cis-1,3-Dichloropropene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Cyclohexane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Dibromochloromethane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Dichlorodifluoromethane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Ethylbenzene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Isopropylbenzene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Methyl acetate	ND		0.21	mg/Kg-dry	1	05/29/13 12:49 PM
Methyl tert-butyl ether	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Methylcyclohexane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Methylene chloride	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Styrene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Tetrachloroethene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Toluene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
trans-1,2-Dichloroethene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
trans-1,3-Dichloropropene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Trichloroethene	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Trichlorofluoromethane	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Vinyl chloride	ND		0.032	mg/Kg-dry	1	05/29/13 12:49 PM
Xylenes, Total	ND		0.096	mg/Kg-dry	1	05/29/13 12:49 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	102		70-130	%REC	1	05/29/13 12:49 PM
<i>Surr: 4-Bromofluorobenzene</i>	102		70-130	%REC	1	05/29/13 12:49 PM
<i>Surr: Dibromofluoromethane</i>	103		70-130	%REC	1	05/29/13 12:49 PM
<i>Surr: Toluene-d8</i>	102		70-130	%REC	1	05/29/13 12:49 PM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/28/13	Analyst: MB
Chromium, Hexavalent	ND		0.52	mg/Kg-dry	1	05/29/13 12:30 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	3.9		0.050	% of sample	1	05/28/13 02:00 PM
PH			SW9045D			Analyst: CH
pH	8.4			s.u.	1	05/28/13 10:00 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-531-8-10W
Collection Date: 05/22/13 04:05 PM

Work Order: 13051016
Lab ID: 13051016-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/30/13	Analyst: JD
2,4,5-T	ND		0.14	mg/Kg-dry	1	06/03/13 11:33 AM
2,4,5-TP (Silvex)	ND		0.27	mg/Kg-dry	1	06/03/13 11:33 AM
2,4-D	ND		0.14	mg/Kg-dry	1	06/03/13 11:33 AM
Surr: DCAA	118		30-150	%REC	1	06/03/13 11:33 AM
PCBS			SW8082		Prep Date: 05/30/13	Analyst: JD
Aroclor 1016	ND		0.11	mg/Kg-dry	1	05/31/13 03:23 AM
Aroclor 1221	ND		0.11	mg/Kg-dry	1	05/31/13 03:23 AM
Aroclor 1232	ND		0.11	mg/Kg-dry	1	05/31/13 03:23 AM
Aroclor 1242	ND		0.11	mg/Kg-dry	1	05/31/13 03:23 AM
Aroclor 1248	ND		0.11	mg/Kg-dry	1	05/31/13 03:23 AM
Aroclor 1254	2,200		27	mg/Kg-dry	250	06/03/13 01:40 PM
Aroclor 1260	ND		0.11	mg/Kg-dry	1	05/31/13 03:23 AM
Surr: Decachlorobiphenyl	52.1		40-140	%REC	1	05/31/13 03:23 AM
PESTICIDES			SW8081		Prep Date: 05/30/13	Analyst: JD
4,4'-DDD	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
4,4'-DDE	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
4,4'-DDT	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Aldrin	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
alpha-BHC	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
alpha-Chlordane	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
beta-BHC	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Chlordane, Technical	ND		3.4	mg/Kg-dry	50	06/03/13 02:38 PM
delta-BHC	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Dieldrin	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Endosulfan I	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Endosulfan II	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Endosulfan sulfate	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Endrin	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Endrin aldehyde	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Endrin ketone	ND	UJ	1.4	mg/Kg-dry	50	06/03/13 02:38 PM
gamma-BHC (Lindane)	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
gamma-Chlordane	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Heptachlor	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Heptachlor epoxide	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Methoxychlor	ND		1.4	mg/Kg-dry	50	06/03/13 02:38 PM
Toxaphene	ND		8.2	mg/Kg-dry	50	06/03/13 02:38 PM
Surr: Decachlorobiphenyl	0		45-135	%REC	50	06/03/13 02:38 PM
Surr: Tetrachloro-m-xylene	0		45-124	%REC	50	06/03/13 02:38 PM

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

20
7/19/13

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-531-8-10W
Collection Date: 05/22/13 04:05 PM

Work Order: 13051016
Lab ID: 13051016-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 05/29/13	Analyst: LR
Mercury	0.17		0.042	mg/Kg-dry	1	05/30/13 03:23 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Aluminum	13,000		93	mg/Kg-dry	50	06/03/13 01:12 PM
Antimony	6.0		4.6	mg/Kg-dry	5	05/31/13 07:04 PM
Arsenic	13		4.6	mg/Kg-dry	5	05/31/13 07:04 PM
Barium	3,700		46	mg/Kg-dry	50	06/03/13 01:12 PM
Beryllium	ND		1.9	mg/Kg-dry	5	05/31/13 07:04 PM
Boron	5,200		190	mg/Kg-dry	50	06/03/13 01:12 PM
Cadmium	5.0		1.9	mg/Kg-dry	5	05/31/13 07:04 PM
Calcium	43,000		460	mg/Kg-dry	5	05/31/13 07:04 PM
Chromium	770		4.6	mg/Kg-dry	5	05/31/13 07:04 PM
Cobalt	410		4.6	mg/Kg-dry	5	05/31/13 07:04 PM
Copper	170		4.6	mg/Kg-dry	5	05/31/13 07:04 PM
Iron	59,000		74	mg/Kg-dry	5	05/31/13 07:04 PM
Lead	270		4.6	mg/Kg-dry	5	05/31/13 07:04 PM
Magnesium	16,000		190	mg/Kg-dry	5	05/31/13 07:04 PM
Manganese	1,100		4.6	mg/Kg-dry	5	05/31/13 07:04 PM
Nickel	1,800		46	mg/Kg-dry	50	06/03/13 01:12 PM
Potassium	6,100		190	mg/Kg-dry	5	05/31/13 07:04 PM
Selenium	ND		4.6	mg/Kg-dry	5	05/31/13 07:04 PM
Silver	ND		4.6	mg/Kg-dry	5	05/31/13 07:04 PM
Sodium	7,900		190	mg/Kg-dry	5	05/31/13 07:04 PM
Thallium	ND		4.6	mg/Kg-dry	5	05/31/13 07:04 PM
Vanadium	31		4.6	mg/Kg-dry	5	05/31/13 07:04 PM
Zinc	5,400		93	mg/Kg-dry	50	06/03/13 01:12 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,1'-Biphenyl	1.3		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
2,4,5-Trichlorophenol	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
2,4,6-Trichlorophenol	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
2,4-Dichlorophenol	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
2,4-Dimethylphenol	ND		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
2,4-Dinitrophenol	ND		1.8	mg/Kg-dry	1	05/30/13 10:33 PM
2,4-Dinitrotoluene	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
2,6-Dinitrotoluene	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
2-Chloronaphthalene	ND		0.22	mg/Kg-dry	1	05/30/13 10:33 PM
2-Chlorophenol	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
2-Methylnaphthalene	4.2		0.87	mg/Kg-dry	4	05/31/13 04:53 PM
2-Methylphenol	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-531-8-10W

Lab ID: 13051016-03

Collection Date: 05/22/13 04:05 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		1.8	mg/Kg-dry	1	05/30/13 10:33 PM
2-Nitrophenol	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
3,3'-Dichlorobenzidine	ND		1.8	mg/Kg-dry	1	05/30/13 10:33 PM
3-Nitroaniline	ND		1.8	mg/Kg-dry	1	05/30/13 10:33 PM
4,6-Dinitro-2-methylphenol	ND		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
4-Bromophenyl phenyl ether	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
4-Chloro-3-methylphenol	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
4-Chloroaniline	ND		1.8	mg/Kg-dry	1	05/30/13 10:33 PM
4-Chlorophenyl phenyl ether	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
4-Methylphenol	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
4-Nitroaniline	ND		1.8	mg/Kg-dry	1	05/30/13 10:33 PM
4-Nitrophenol	ND		1.8	mg/Kg-dry	1	05/30/13 10:33 PM
Acenaphthene	ND		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Acenaphthylene	ND		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Acetophenone	ND		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
Anthracene	0.22		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Atrazine	ND		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
Benzaldehyde	ND		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
Benzo(a)anthracene	ND		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Benzo(a)pyrene	ND		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Benzo(b)fluoranthene	ND		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Benzo(g,h,i)perylene	ND		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Benzo(k)fluoranthene	ND		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Bis(2-chloroethoxy)methane	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
Bis(2-chloroethyl)ether	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
Bis(2-chloroisopropyl)ether	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
Bis(2-ethylhexyl)phthalate	2.4		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
Butyl benzyl phthalate	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
Caprolactam	ND		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
Carbazole	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
Chrysene	ND		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Dibenzo(a,h)anthracene	ND		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Dibenzofuran	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
Diethyl phthalate	ND		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
Dimethyl phthalate	ND		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
Di-n-butyl phthalate	ND		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
Di-n-octyl phthalate	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
Fluoranthene	ND		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Fluorene	0.32		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Hexachlorobenzene	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-531-8-10W
Collection Date: 05/22/13 04:05 PM

Work Order: 13051016
Lab ID: 13051016-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
Hexachlorocyclopentadiene	ND		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
Hexachloroethane	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
Indeno(1,2,3-cd)pyrene	ND		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Isophorone	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
Naphthalene	1.7		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Nitrobenzene	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
N-Nitrosodi-n-propylamine	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
N-Nitrosodiphenylamine	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
Pentachlorophenol	ND		0.90	mg/Kg-dry	1	05/30/13 10:33 PM
Phenanthrene	2.7		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Phenol	ND		0.44	mg/Kg-dry	1	05/30/13 10:33 PM
Pyrene	ND		0.082	mg/Kg-dry	1	05/30/13 10:33 PM
Surr: 2,4,6-Tribromophenol	55.4		34-140	%REC	1	05/30/13 10:33 PM
Surr: 2-Fluorobiphenyl	74.4		12-100	%REC	1	05/30/13 10:33 PM
Surr: 2-Fluorophenol	54.9		33-117	%REC	1	05/30/13 10:33 PM
Surr: 4-Terphenyl-d14	137	S	25-137	%REC	4	05/31/13 04:53 PM
Surr: 4-Terphenyl-d14	81.6		25-137	%REC	1	05/30/13 10:33 PM
Surr: Nitrobenzene-d5	112	S	37-107	%REC	1	05/30/13 10:33 PM
Surr: Phenol-d6	49.7		40-106	%REC	1	05/30/13 10:33 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Prep Date: 05/28/13

Analyst: RS

1,1,1-Trichloroethane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,1,2,2-Tetrachloroethane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,1,2-Trichloroethane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,1,2-Trichlorotrifluoroethane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,1-Dichloroethane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,1-Dichloroethene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,2,4-Trichlorobenzene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,2-Dibromo-3-chloropropane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,2-Dibromoethane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,2-Dichlorobenzene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,2-Dichloroethane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,2-Dichloropropane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,3-Dichlorobenzene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
1,4-Dichlorobenzene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
2-Butanone	ND		0.67	mg/Kg-dry	1	05/29/13 01:11 AM
2-Hexanone	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
4-Methyl-2-pentanone	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Acetone	ND		0.34	mg/Kg-dry	1	05/29/13 01:11 AM
Benzene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-531-8-10W

Lab ID: 13051016-03

Collection Date: 05/22/13 04:05 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromodichloromethane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Bromoform	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Bromomethane	ND		0.25	mg/Kg-dry	1	05/29/13 01:11 AM
Carbon disulfide	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Carbon tetrachloride	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Chlorobenzene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Chloroethane	ND		0.34	mg/Kg-dry	1	05/29/13 01:11 AM
Chloroform	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Chloromethane	ND		0.34	mg/Kg-dry	1	05/29/13 01:11 AM
cis-1,2-Dichloroethene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
cis-1,3-Dichloropropene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Cyclohexane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Dibromochloromethane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Dichlorodifluoromethane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Ethylbenzene	0.16		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Isopropylbenzene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Methyl acetate	0.78		0.67	mg/Kg-dry	1	05/29/13 01:11 AM
Methyl tert-butyl ether	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Methylcyclohexane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Methylene chloride	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Styrene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Tetrachloroethene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Toluene	2.1		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
trans-1,2-Dichloroethene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
trans-1,3-Dichloropropene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Trichloroethene	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Trichlorofluoromethane	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Vinyl chloride	ND		0.10	mg/Kg-dry	1	05/29/13 01:11 AM
Xylenes, Total	1.5		0.30	mg/Kg-dry	1	05/29/13 01:11 AM
Surr: 1,2-Dichloroethane-d4	104		70-130	%REC	1	05/29/13 01:11 AM
Surr: 4-Bromofluorobenzene	104		70-130	%REC	1	05/29/13 01:11 AM
Surr: Dibromofluoromethane	98.8		70-130	%REC	1	05/29/13 01:11 AM
Surr: Toluene-d8	99.4		70-130	%REC	1	05/29/13 01:11 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/28/13	Analyst: MB
Chromium, Hexavalent	ND		1.4	mg/Kg-dry	1	05/29/13 12:30 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	64		0.050	% of sample	1	05/28/13 02:00 PM
PH			SW9045D			Analyst: CH
pH	8.4			s.u.	1	05/28/13 10:00 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-526-0-2W
Collection Date: 05/22/13 08:45 AM

Work Order: 13051016
Lab ID: 13051016-04
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/30/13	Analyst: JD
2,4,5-T	ND		0.055	mg/Kg-dry	1	06/03/13 11:49 AM
2,4,5-TP (Silvex)	ND		0.11	mg/Kg-dry	1	06/03/13 11:49 AM
2,4-D	ND		0.055	mg/Kg-dry	1	06/03/13 11:49 AM
Surr: DCAA	109		30-150	%REC	1	06/03/13 11:49 AM
PCBS			SW8082		Prep Date: 05/30/13	Analyst: JD
Aroclor 1016	ND		0.044	mg/Kg-dry	1	05/31/13 03:43 AM
Aroclor 1221	ND		0.044	mg/Kg-dry	1	05/31/13 03:43 AM
Aroclor 1232	ND		0.044	mg/Kg-dry	1	05/31/13 03:43 AM
Aroclor 1242	ND		0.044	mg/Kg-dry	1	05/31/13 03:43 AM
Aroclor 1248	ND		0.044	mg/Kg-dry	1	05/31/13 03:43 AM
Aroclor 1254	0.40		0.044	mg/Kg-dry	1	05/31/13 03:43 AM
Aroclor 1260	ND		0.044	mg/Kg-dry	1	05/31/13 03:43 AM
Surr: Decachlorobiphenyl	62.1		40-140	%REC	1	05/31/13 03:43 AM
PESTICIDES			SW8081		Prep Date: 05/30/13	Analyst: JD
4,4'-DDD	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
4,4'-DDE	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
4,4'-DDT	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Aldrin	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
alpha-BHC	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
alpha-Chlordane	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
beta-BHC	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Chlordane, Technical	ND		0.14	mg/Kg-dry	5	06/03/13 02:54 PM
delta-BHC	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Dieldrin	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Endosulfan I	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Endosulfan II	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Endosulfan sulfate	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Endrin	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Endrin aldehyde	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Endrin ketone	ND	UJ	0.054	mg/Kg-dry	5	06/03/13 02:54 PM
gamma-BHC (Lindane)	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
gamma-Chlordane	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Heptachlor	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Heptachlor epoxide	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Methoxychlor	ND		0.054	mg/Kg-dry	5	06/03/13 02:54 PM
Toxaphene	ND		0.33	mg/Kg-dry	5	06/03/13 02:54 PM
Surr: Decachlorobiphenyl	75.1		45-135	%REC	5	06/03/13 02:54 PM
Surr: Tetrachloro-m-xylene	95.1		45-124	%REC	5	06/03/13 02:54 PM

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

20
7/19/13 Analytical Results Page 16 of 42

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-526-0-2W
Collection Date: 05/22/13 08:45 AM

Work Order: 13051016
Lab ID: 13051016-04
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 05/29/13	Analyst: LR
Mercury	0.022		0.017	mg/Kg-dry	1	05/30/13 03:25 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Aluminum	7,100		3.8	mg/Kg-dry	5	06/03/13 01:17 PM
Antimony	ND		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Arsenic	5.1		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Barium	43		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Beryllium	ND		0.76	mg/Kg-dry	5	05/31/13 07:28 PM
Boron	16		7.6	mg/Kg-dry	5	06/03/13 01:17 PM
Cadmium	ND		0.76	mg/Kg-dry	5	05/31/13 07:28 PM
Calcium	28,000		190	mg/Kg-dry	5	05/31/13 07:28 PM
Chromium	11		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Cobalt	5.7		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Copper	12		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Iron	12,000		30	mg/Kg-dry	5	05/31/13 07:28 PM
Lead	9.3		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Magnesium	9,100		76	mg/Kg-dry	5	05/31/13 07:28 PM
Manganese	210		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Nickel	17		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Potassium	990		76	mg/Kg-dry	5	05/31/13 07:28 PM
Selenium	ND		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Silver	ND		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Sodium	ND		76	mg/Kg-dry	5	06/03/13 01:17 PM
Thallium	ND		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Vanadium	15		1.9	mg/Kg-dry	5	05/31/13 07:28 PM
Zinc	49		3.8	mg/Kg-dry	5	05/31/13 07:28 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,1'-Biphenyl	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
2,4-Dimethylphenol	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
2,4-Dinitrophenol	ND		0.73	mg/Kg-dry	1	05/30/13 10:56 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
2-Chloronaphthalene	ND		0.088	mg/Kg-dry	1	05/30/13 10:56 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
2-Methylnaphthalene	ND		0.088	mg/Kg-dry	1	05/30/13 10:56 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-526-0-2W

Lab ID: 13051016-04

Collection Date: 05/22/13 08:45 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.73	mg/Kg-dry	1	05/30/13 10:56 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
3,3'-Dichlorobenzidine	ND		0.73	mg/Kg-dry	1	05/30/13 10:56 PM
3-Nitroaniline	ND		0.73	mg/Kg-dry	1	05/30/13 10:56 PM
4,6-Dinitro-2-methylphenol	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
4-Chloroaniline	ND		0.73	mg/Kg-dry	1	05/30/13 10:56 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
4-Nitroaniline	ND		0.73	mg/Kg-dry	1	05/30/13 10:56 PM
4-Nitrophenol	ND		0.73	mg/Kg-dry	1	05/30/13 10:56 PM
Acenaphthene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Acenaphthylene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Acetophenone	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
Anthracene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Atrazine	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
Benzaldehyde	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
Benzo(a)anthracene	0.036		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Benzo(a)pyrene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Benzo(b)fluoranthene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Benzo(g,h,i)perylene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Benzo(k)fluoranthene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
Bis(2-ethylhexyl)phthalate	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
Caprolactam	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
Carbazole	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
Chrysene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Dibenzo(a,h)anthracene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
Diethyl phthalate	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
Dimethyl phthalate	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
Di-n-butyl phthalate	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
Fluoranthene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Fluorene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-526-0-2W
Collection Date: 05/22/13 08:45 AM

Work Order: 13051016
Lab ID: 13051016-04
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
Hexachlorocyclopentadiene	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
Indeno(1,2,3-cd)pyrene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Isophorone	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
Naphthalene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
Pentachlorophenol	ND		0.36	mg/Kg-dry	1	05/30/13 10:56 PM
Phenanthrene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Phenol	ND		0.18	mg/Kg-dry	1	05/30/13 10:56 PM
Pyrene	ND		0.033	mg/Kg-dry	1	05/30/13 10:56 PM
Surr: 2,4,6-Tribromophenol	67.0		34-140	%REC	1	05/30/13 10:56 PM
Surr: 2-Fluorobiphenyl	56.3		12-100	%REC	1	05/30/13 10:56 PM
Surr: 2-Fluorophenol	65.1		33-117	%REC	1	05/30/13 10:56 PM
Surr: 4-Terphenyl-d14	116		25-137	%REC	1	05/30/13 10:56 PM
Surr: Nitrobenzene-d5	48.1		37-107	%REC	1	05/30/13 10:56 PM
Surr: Phenol-d6	60.3		40-106	%REC	1	05/30/13 10:56 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Prep Date: 05/28/13

Analyst: RS

1,1,1-Trichloroethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,1,2,2-Tetrachloroethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,1,2-Trichloroethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,1,2-Trichlorotrifluoroethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,1-Dichloroethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,1-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,2,4-Trichlorobenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,2-Dibromo-3-chloropropane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,2-Dibromoethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,2-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,2-Dichloroethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,2-Dichloropropane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,3-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
1,4-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
2-Butanone	ND		0.23	mg/Kg-dry	1	05/29/13 01:33 AM
2-Hexanone	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
4-Methyl-2-pentanone	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Acetone	ND		0.11	mg/Kg-dry	1	05/29/13 01:33 AM
Benzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Bromodichloromethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-526-0-2W

Lab ID: 13051016-04

Collection Date: 05/22/13 08:45 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Bromomethane	ND		0.086	mg/Kg-dry	1	05/29/13 01:33 AM
Carbon disulfide	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Carbon tetrachloride	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Chlorobenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Chloroethane	ND		0.11	mg/Kg-dry	1	05/29/13 01:33 AM
Chloroform	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Chloromethane	ND		0.11	mg/Kg-dry	1	05/29/13 01:33 AM
cis-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
cis-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Cyclohexane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Dibromochloromethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Dichlorodifluoromethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Ethylbenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Isopropylbenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Methyl acetate	0.34		0.23	mg/Kg-dry	1	05/29/13 01:33 AM
Methyl tert-butyl ether	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Methylcyclohexane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Methylene chloride	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Styrene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Tetrachloroethene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Toluene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
trans-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
trans-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Trichloroethene	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Trichlorofluoromethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Vinyl chloride	ND		0.034	mg/Kg-dry	1	05/29/13 01:33 AM
Xylenes, Total	ND		0.10	mg/Kg-dry	1	05/29/13 01:33 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	103		70-130	%REC	1	05/29/13 01:33 AM
<i>Surr: 4-Bromofluorobenzene</i>	102		70-130	%REC	1	05/29/13 01:33 AM
<i>Surr: Dibromofluoromethane</i>	98.2		70-130	%REC	1	05/29/13 01:33 AM
<i>Surr: Toluene-d8</i>	99.8		70-130	%REC	1	05/29/13 01:33 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/28/13	Analyst: MB
Chromium, Hexavalent	ND		0.55	mg/Kg-dry	1	05/29/13 12:30 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	11		0.050	% of sample	1	05/28/13 02:00 PM
PH			SW9045D			Analyst: CH
pH	8.3			s.u.	1	05/28/13 10:00 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-525-0-2W
Collection Date: 05/22/13 01:35 PM

Work Order: 13051016
Lab ID: 13051016-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/30/13	Analyst: JD
2,4,5-T	ND		0.056	mg/Kg-dry	1	06/03/13 12:04 PM
2,4,5-TP (Silvex)	ND		0.11	mg/Kg-dry	1	06/03/13 12:04 PM
2,4-D	ND		0.056	mg/Kg-dry	1	06/03/13 12:04 PM
Surr: DCAA	106		30-150	%REC	1	06/03/13 12:04 PM
PCBS			SW8082		Prep Date: 05/30/13	Analyst: JD
Aroclor 1016	ND		0.043	mg/Kg-dry	1	05/31/13 04:04 AM
Aroclor 1221	ND		0.043	mg/Kg-dry	1	05/31/13 04:04 AM
Aroclor 1232	ND		0.043	mg/Kg-dry	1	05/31/13 04:04 AM
Aroclor 1242	ND		0.043	mg/Kg-dry	1	05/31/13 04:04 AM
Aroclor 1248	ND		0.043	mg/Kg-dry	1	05/31/13 04:04 AM
Aroclor 1254	0.090		0.043	mg/Kg-dry	1	05/31/13 04:04 AM
Aroclor 1260	ND		0.043	mg/Kg-dry	1	05/31/13 04:04 AM
Surr: Decachlorobiphenyl	73.1		40-140	%REC	1	05/31/13 04:04 AM
PESTICIDES			SW8081		Prep Date: 05/30/13	Analyst: JD
4,4'-DDD	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
4,4'-DDE	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
4,4'-DDT	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Aldrin	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
alpha-BHC	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
alpha-Chlordane	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
beta-BHC	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Chlordane, Technical	ND		0.027	mg/Kg-dry	1	06/03/13 03:10 PM
delta-BHC	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Dieldrin	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Endosulfan I	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Endosulfan II	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Endosulfan sulfate	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Endrin	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Endrin aldehyde	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Endrin ketone	ND	UJ	0.011	mg/Kg-dry	1	06/03/13 03:10 PM
gamma-BHC (Lindane)	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
gamma-Chlordane	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Heptachlor	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Heptachlor epoxide	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Methoxychlor	ND		0.011	mg/Kg-dry	1	06/03/13 03:10 PM
Toxaphene	ND		0.065	mg/Kg-dry	1	06/03/13 03:10 PM
Surr: Decachlorobiphenyl	84.1		45-135	%REC	1	06/03/13 03:10 PM
Surr: Tetrachloro-m-xylene	88.1		45-124	%REC	1	06/03/13 03:10 PM

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

20
7/19/13

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-525-0-2W
Collection Date: 05/22/13 01:35 PM

Work Order: 13051016
Lab ID: 13051016-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 05/29/13	Analyst: LR
Mercury	0.021		0.017	mg/Kg-dry	1	05/30/13 03:27 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Aluminum	4,300		4.0	mg/Kg-dry	5	06/03/13 01:23 PM
Antimony	ND		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Arsenic	4.2		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Barium	13		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Beryllium	ND		0.80	mg/Kg-dry	5	05/31/13 07:34 PM
Boron	ND		8.0	mg/Kg-dry	5	06/03/13 01:23 PM
Cadmium	ND		0.80	mg/Kg-dry	5	05/31/13 07:34 PM
Calcium	720		200	mg/Kg-dry	5	05/31/13 07:34 PM
Chromium	5.5		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Cobalt	4.8		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Copper	10		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Iron	9,400		32	mg/Kg-dry	5	05/31/13 07:34 PM
Lead	4.9		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Magnesium	1,100		80	mg/Kg-dry	5	05/31/13 07:34 PM
Manganese	220		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Nickel	11		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Potassium	580		80	mg/Kg-dry	5	05/31/13 07:34 PM
Selenium	ND		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Silver	ND		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Sodium	ND		80	mg/Kg-dry	5	06/03/13 01:23 PM
Thallium	ND		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Vanadium	9.9		2.0	mg/Kg-dry	5	05/31/13 07:34 PM
Zinc	27		4.0	mg/Kg-dry	5	05/31/13 07:34 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,1'-Biphenyl	ND		0.36	mg/Kg-dry	1	05/30/13 11:18 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
2,4-Dimethylphenol	ND		0.36	mg/Kg-dry	1	05/30/13 11:18 PM
2,4-Dinitrophenol	ND		0.73	mg/Kg-dry	1	05/30/13 11:18 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
2-Chloronaphthalene	ND		0.088	mg/Kg-dry	1	05/30/13 11:18 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
2-Methylnaphthalene	ND		0.088	mg/Kg-dry	1	05/30/13 11:18 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-525-0-2W

Lab ID: 13051016-05

Collection Date: 05/22/13 01:35 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.73	mg/Kg-dry	1	05/30/13 11:18 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
3,3'-Dichlorobenzidine	ND		7.3	mg/Kg-dry	10	05/31/13 05:25 PM
3-Nitroaniline	ND		0.73	mg/Kg-dry	1	05/30/13 11:18 PM
4,6-Dinitro-2-methylphenol	ND		0.36	mg/Kg-dry	1	05/30/13 11:18 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
4-Chloroaniline	ND		0.73	mg/Kg-dry	1	05/30/13 11:18 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
4-Nitroaniline	ND		0.73	mg/Kg-dry	1	05/30/13 11:18 PM
4-Nitrophenol	ND		0.73	mg/Kg-dry	1	05/30/13 11:18 PM
Acenaphthene	ND		0.033	mg/Kg-dry	1	05/30/13 11:18 PM
Acenaphthylene	ND		0.033	mg/Kg-dry	1	05/30/13 11:18 PM
Acetophenone	ND		0.36	mg/Kg-dry	1	05/30/13 11:18 PM
Anthracene	ND		0.033	mg/Kg-dry	1	05/30/13 11:18 PM
Atrazine	ND		0.36	mg/Kg-dry	1	05/30/13 11:18 PM
Benzaldehyde	ND		0.36	mg/Kg-dry	1	05/30/13 11:18 PM
Benzo(a)anthracene	ND		0.33	mg/Kg-dry	10	05/31/13 05:25 PM
Benzo(a)pyrene	ND		0.33	mg/Kg-dry	10	05/31/13 05:25 PM
Benzo(b)fluoranthene	ND		0.33	mg/Kg-dry	10	05/31/13 05:25 PM
Benzo(g,h,i)perylene	ND		0.33	mg/Kg-dry	10	05/31/13 05:25 PM
Benzo(k)fluoranthene	ND		0.33	mg/Kg-dry	10	05/31/13 05:25 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
Bis(2-ethylhexyl)phthalate	ND		3.6	mg/Kg-dry	10	05/31/13 05:25 PM
Butyl benzyl phthalate	ND		1.8	mg/Kg-dry	10	05/31/13 05:25 PM
Caprolactam	ND		0.36	mg/Kg-dry	1	05/30/13 11:18 PM
Carbazole	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
Chrysene	ND		0.33	mg/Kg-dry	10	05/31/13 05:25 PM
Dibenzo(a,h)anthracene	ND		0.33	mg/Kg-dry	10	05/31/13 05:25 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
Diethyl phthalate	ND		0.36	mg/Kg-dry	1	05/30/13 11:18 PM
Dimethyl phthalate	ND		0.36	mg/Kg-dry	1	05/30/13 11:18 PM
Di-n-butyl phthalate	ND		0.36	mg/Kg-dry	1	05/30/13 11:18 PM
Di-n-octyl phthalate	ND		1.8	mg/Kg-dry	10	05/31/13 05:25 PM
Fluoranthene	ND		0.033	mg/Kg-dry	1	05/30/13 11:18 PM
Fluorene	ND		0.033	mg/Kg-dry	1	05/30/13 11:18 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-525-0-2W

Lab ID: 13051016-05

Collection Date: 05/22/13 01:35 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
Hexachlorocyclopentadiene	ND		0.36	mg/Kg-dry	1	05/30/13 11:18 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
Indeno(1,2,3-cd)pyrene	ND		0.33	mg/Kg-dry	10	05/31/13 05:25 PM
Isophorone	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
Naphthalene	ND		0.033	mg/Kg-dry	1	05/30/13 11:18 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
Pentachlorophenol	ND		0.36	mg/Kg-dry	1	05/30/13 11:18 PM
Phenanthrene	ND		0.033	mg/Kg-dry	1	05/30/13 11:18 PM
Phenol	ND		0.18	mg/Kg-dry	1	05/30/13 11:18 PM
Pyrene	ND		0.33	mg/Kg-dry	10	05/31/13 05:25 PM
Surr: 2,4,6-Tribromophenol	71.6		34-140	%REC	1	05/30/13 11:18 PM
Surr: 2-Fluorobiphenyl	75.3		12-100	%REC	1	05/30/13 11:18 PM
Surr: 2-Fluorophenol	76.0		33-117	%REC	1	05/30/13 11:18 PM
Surr: 4-Terphenyl-d14	98.4		25-137	%REC	10	05/31/13 05:25 PM
Surr: Nitrobenzene-d5	63.3		37-107	%REC	1	05/30/13 11:18 PM
Surr: Phenol-d6	66.9		40-106	%REC	1	05/30/13 11:18 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Prep Date: 05/28/13

Analyst: RS

1,1,1-Trichloroethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,1,2,2-Tetrachloroethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,1,2-Trichloroethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,1,2-Trichlorotrifluoroethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,1-Dichloroethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,1-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,2,4-Trichlorobenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,2-Dibromo-3-chloropropane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,2-Dibromoethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,2-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,2-Dichloroethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,2-Dichloropropane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,3-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
1,4-Dichlorobenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
2-Butanone	ND		0.23	mg/Kg-dry	1	05/29/13 01:54 AM
2-Hexanone	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
4-Methyl-2-pentanone	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Acetone	ND		0.11	mg/Kg-dry	1	05/29/13 01:54 AM
Benzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Bromodichloromethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-525-0-2W

Lab ID: 13051016-05

Collection Date: 05/22/13 01:35 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Bromomethane	ND		0.085	mg/Kg-dry	1	05/29/13 01:54 AM
Carbon disulfide	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Carbon tetrachloride	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Chlorobenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Chloroethane	ND		0.11	mg/Kg-dry	1	05/29/13 01:54 AM
Chloroform	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Chloromethane	ND		0.11	mg/Kg-dry	1	05/29/13 01:54 AM
cis-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
cis-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Cyclohexane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Dibromochloromethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Dichlorodifluoromethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Ethylbenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Isopropylbenzene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Methyl acetate	ND		0.23	mg/Kg-dry	1	05/29/13 01:54 AM
Methyl tert-butyl ether	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Methylcyclohexane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Methylene chloride	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Styrene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Tetrachloroethene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Toluene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
trans-1,2-Dichloroethene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
trans-1,3-Dichloropropene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Trichloroethene	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Trichlorofluoromethane	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Vinyl chloride	ND		0.034	mg/Kg-dry	1	05/29/13 01:54 AM
Xylenes, Total	ND		0.10	mg/Kg-dry	1	05/29/13 01:54 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	105		70-130	%REC	1	05/29/13 01:54 AM
<i>Surr: 4-Bromofluorobenzene</i>	102		70-130	%REC	1	05/29/13 01:54 AM
<i>Surr: Dibromofluoromethane</i>	98.2		70-130	%REC	1	05/29/13 01:54 AM
<i>Surr: Toluene-d8</i>	100		70-130	%REC	1	05/29/13 01:54 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/28/13	Analyst: MB
Chromium, Hexavalent	ND		0.56	mg/Kg-dry	1	05/29/13 12:30 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	11		0.050	% of sample	1	05/28/13 02:00 PM
PH			SW9045D			Analyst: CH
pH	8.5			s.u.	1	05/28/13 10:00 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-545-8-10W
Collection Date: 05/23/13 10:00 AM

Work Order: 13051016
Lab ID: 13051016-06
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/30/13	Analyst: JD
2,4,5-T	ND		0.065	mg/Kg-dry	1	06/03/13 12:20 PM
2,4,5-TP (Silvex)	ND		0.13	mg/Kg-dry	1	06/03/13 12:20 PM
2,4-D	ND		0.065	mg/Kg-dry	1	06/03/13 12:20 PM
Surr: DCAA	117		30-150	%REC	1	06/03/13 12:20 PM
PCBS			SW8082		Prep Date: 05/30/13	Analyst: JD
Aroclor 1016	ND		0.050	mg/Kg-dry	1	05/31/13 04:24 AM
Aroclor 1221	ND		0.050	mg/Kg-dry	1	05/31/13 04:24 AM
Aroclor 1232	ND		0.050	mg/Kg-dry	1	05/31/13 04:24 AM
Aroclor 1242	ND		0.050	mg/Kg-dry	1	05/31/13 04:24 AM
Aroclor 1248	ND		0.050	mg/Kg-dry	1	05/31/13 04:24 AM
Aroclor 1254	ND		0.050	mg/Kg-dry	1	05/31/13 04:24 AM
Aroclor 1260	ND		0.050	mg/Kg-dry	1	05/31/13 04:24 AM
Surr: Decachlorobiphenyl	66.1		40-140	%REC	1	05/31/13 04:24 AM
PESTICIDES			SW8081		Prep Date: 05/30/13	Analyst: JD
4,4'-DDD	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
4,4'-DDE	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
4,4'-DDT	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Aldrin	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
alpha-BHC	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
alpha-Chlordane	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
beta-BHC	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Chlordane, Technical	ND		0.16	mg/Kg-dry	5	06/03/13 03:25 PM
delta-BHC	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Dieldrin	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Endosulfan I	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Endosulfan II	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Endosulfan sulfate	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Endrin	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Endrin aldehyde	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Endrin ketone	ND	UJ	0.063	mg/Kg-dry	5	06/03/13 03:25 PM
gamma-BHC (Lindane)	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
gamma-Chlordane	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Heptachlor	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Heptachlor epoxide	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Methoxychlor	ND		0.063	mg/Kg-dry	5	06/03/13 03:25 PM
Toxaphene	ND		0.38	mg/Kg-dry	5	06/03/13 03:25 PM
Surr: Decachlorobiphenyl	70.1		45-135	%REC	5	06/03/13 03:25 PM
Surr: Tetrachloro-m-xylene	85.1		45-124	%REC	5	06/03/13 03:25 PM

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

204
7/19/13

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-545-8-10W
Collection Date: 05/23/13 10:00 AM

Work Order: 13051016
Lab ID: 13051016-06
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 05/29/13	Analyst: LR
Mercury	0.063		0.020	mg/Kg-dry	1	05/30/13 03:29 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Aluminum	11,000		5.2	mg/Kg-dry	5	06/03/13 01:28 PM
Antimony	ND		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Arsenic	8.8		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Barium	77		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Beryllium	ND		1.0	mg/Kg-dry	5	05/31/13 07:40 PM
Boron	32		10	mg/Kg-dry	5	06/03/13 01:28 PM
Cadmium	ND		1.0	mg/Kg-dry	5	05/31/13 07:40 PM
Calcium	6,800		260	mg/Kg-dry	5	05/31/13 07:40 PM
Chromium	16		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Cobalt	12		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Copper	22		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Iron	25,000		42	mg/Kg-dry	5	05/31/13 07:40 PM
Lead	14		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Magnesium	4,000		100	mg/Kg-dry	5	05/31/13 07:40 PM
Manganese	290		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Nickel	26		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Potassium	1,600		100	mg/Kg-dry	5	05/31/13 07:40 PM
Selenium	ND		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Silver	ND		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Sodium	130		100	mg/Kg-dry	5	06/03/13 01:28 PM
Thallium	ND		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Vanadium	24		2.6	mg/Kg-dry	5	05/31/13 07:40 PM
Zinc	73		5.2	mg/Kg-dry	5	05/31/13 07:40 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,1'-Biphenyl	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
2,4,5-Trichlorophenol	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
2,4,6-Trichlorophenol	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
2,4-Dichlorophenol	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
2,4-Dimethylphenol	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
2,4-Dinitrophenol	ND		0.85	mg/Kg-dry	1	05/30/13 11:40 PM
2,4-Dinitrotoluene	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
2,6-Dinitrotoluene	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
2-Chloronaphthalene	ND		0.10	mg/Kg-dry	1	05/30/13 11:40 PM
2-Chlorophenol	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
2-Methylnaphthalene	ND		0.10	mg/Kg-dry	1	05/30/13 11:40 PM
2-Methylphenol	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-545-8-10W

Lab ID: 13051016-06

Collection Date: 05/23/13 10:00 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.85	mg/Kg-dry	1	05/30/13 11:40 PM
2-Nitrophenol	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
3,3'-Dichlorobenzidine	ND		0.85	mg/Kg-dry	1	05/30/13 11:40 PM
3-Nitroaniline	ND		0.85	mg/Kg-dry	1	05/30/13 11:40 PM
4,6-Dinitro-2-methylphenol	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
4-Bromophenyl phenyl ether	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
4-Chloro-3-methylphenol	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
4-Chloroaniline	ND		0.85	mg/Kg-dry	1	05/30/13 11:40 PM
4-Chlorophenyl phenyl ether	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
4-Methylphenol	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
4-Nitroaniline	ND		0.85	mg/Kg-dry	1	05/30/13 11:40 PM
4-Nitrophenol	ND		0.85	mg/Kg-dry	1	05/30/13 11:40 PM
Acenaphthene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Acenaphthylene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Acetophenone	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
Anthracene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Atrazine	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
Benzaldehyde	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
Benzo(a)anthracene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Benzo(a)pyrene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Benzo(b)fluoranthene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Benzo(g,h,i)perylene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Benzo(k)fluoranthene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Bis(2-chloroethoxy)methane	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
Bis(2-chloroethyl)ether	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
Bis(2-chloroisopropyl)ether	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
Bis(2-ethylhexyl)phthalate	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
Butyl benzyl phthalate	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
Caprolactam	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
Carbazole	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
Chrysene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Dibenzo(a,h)anthracene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Dibenzofuran	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
Diethyl phthalate	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
Dimethyl phthalate	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
Di-n-butyl phthalate	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
Di-n-octyl phthalate	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
Fluoranthene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Fluorene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Hexachlorobenzene	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-545-8-10W
Collection Date: 05/23/13 10:00 AM

Work Order: 13051016
Lab ID: 13051016-06
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
Hexachlorocyclopentadiene	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
Hexachloroethane	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
Indeno(1,2,3-cd)pyrene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Isophorone	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
Naphthalene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Nitrobenzene	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
N-Nitrosodi-n-propylamine	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
N-Nitrosodiphenylamine	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
Pentachlorophenol	ND		0.42	mg/Kg-dry	1	05/30/13 11:40 PM
Phenanthrene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Phenol	ND		0.21	mg/Kg-dry	1	05/30/13 11:40 PM
Pyrene	ND		0.039	mg/Kg-dry	1	05/30/13 11:40 PM
Surr: 2,4,6-Tribromophenol	67.7		34-140	%REC	1	05/30/13 11:40 PM
Surr: 2-Fluorobiphenyl	60.6		12-100	%REC	1	05/30/13 11:40 PM
Surr: 2-Fluorophenol	67.2		33-117	%REC	1	05/30/13 11:40 PM
Surr: 4-Terphenyl-d14	122		25-137	%REC	1	05/30/13 11:40 PM
Surr: Nitrobenzene-d5	50.1		37-107	%REC	1	05/30/13 11:40 PM
Surr: Phenol-d6	64.0		40-106	%REC	1	05/30/13 11:40 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Prep Date: 05/28/13

Analyst: RS

1,1,1-Trichloroethane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,1,2,2-Tetrachloroethane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,1,2-Trichloroethane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,1,2-Trichlorotrifluoroethane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,1-Dichloroethane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,1-Dichloroethene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,2,4-Trichlorobenzene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,2-Dibromo-3-chloropropane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,2-Dibromoethane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,2-Dichlorobenzene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,2-Dichloroethane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,2-Dichloropropane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,3-Dichlorobenzene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
1,4-Dichlorobenzene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
2-Butanone	ND		0.26	mg/Kg-dry	1	05/29/13 02:16 AM
2-Hexanone	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
4-Methyl-2-pentanone	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Acetone	ND		0.13	mg/Kg-dry	1	05/29/13 02:16 AM
Benzene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Bromodichloromethane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-545-8-10W

Lab ID: 13051016-06

Collection Date: 05/23/13 10:00 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Bromomethane	ND		0.098	mg/Kg-dry	1	05/29/13 02:16 AM
Carbon disulfide	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Carbon tetrachloride	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Chlorobenzene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Chloroethane	ND		0.13	mg/Kg-dry	1	05/29/13 02:16 AM
Chloroform	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Chloromethane	ND		0.13	mg/Kg-dry	1	05/29/13 02:16 AM
cis-1,2-Dichloroethene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
cis-1,3-Dichloropropene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Cyclohexane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Dibromochloromethane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Dichlorodifluoromethane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Ethylbenzene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Isopropylbenzene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Methyl acetate	ND		0.26	mg/Kg-dry	1	05/29/13 02:16 AM
Methyl tert-butyl ether	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Methylcyclohexane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Methylene chloride	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Styrene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Tetrachloroethene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Toluene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
trans-1,2-Dichloroethene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
trans-1,3-Dichloropropene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Trichloroethene	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Trichlorofluoromethane	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Vinyl chloride	ND		0.039	mg/Kg-dry	1	05/29/13 02:16 AM
Xylenes, Total	ND		0.12	mg/Kg-dry	1	05/29/13 02:16 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	104		70-130	%REC	1	05/29/13 02:16 AM
<i>Surr: 4-Bromofluorobenzene</i>	102		70-130	%REC	1	05/29/13 02:16 AM
<i>Surr: Dibromofluoromethane</i>	100		70-130	%REC	1	05/29/13 02:16 AM
<i>Surr: Toluene-d8</i>	102		70-130	%REC	1	05/29/13 02:16 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/28/13	Analyst: MB
Chromium, Hexavalent	ND		0.65	mg/Kg-dry	1	05/29/13 12:30 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	24		0.050	% of sample	1	05/28/13 02:00 PM
PH			SW9045D			Analyst: CH
pH	7.6			s.u.	1	05/28/13 10:00 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: Trip-03
Collection Date: 05/23/13

Work Order: 13051016
Lab ID: 13051016-07
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260		Prep Date: 05/28/13	Analyst: RS
1,1,1-Trichloroethane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,1,2,2-Tetrachloroethane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,1,2-Trichloroethane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,1,2-Trichlorotrifluoroethane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,1-Dichloroethane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,1-Dichloroethene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,2,4-Trichlorobenzene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,2-Dibromo-3-chloropropane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,2-Dibromoethane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,2-Dichlorobenzene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,2-Dichloroethane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,2-Dichloropropane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,3-Dichlorobenzene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
1,4-Dichlorobenzene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
2-Butanone	ND		0.20	mg/Kg	1	05/29/13 02:38 AM
2-Hexanone	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
4-Methyl-2-pentanone	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Acetone	ND		0.10	mg/Kg	1	05/29/13 02:38 AM
Benzene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Bromodichloromethane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Bromoform	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Bromomethane	ND		0.075	mg/Kg	1	05/29/13 02:38 AM
Carbon disulfide	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Carbon tetrachloride	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Chlorobenzene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Chloroethane	ND		0.10	mg/Kg	1	05/29/13 02:38 AM
Chloroform	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Chloromethane	ND		0.10	mg/Kg	1	05/29/13 02:38 AM
cis-1,2-Dichloroethene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
cis-1,3-Dichloropropene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Cyclohexane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Dibromochloromethane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Dichlorodifluoromethane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Ethylbenzene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Isopropylbenzene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Methyl acetate	ND		0.20	mg/Kg	1	05/29/13 02:38 AM
Methyl tert-butyl ether	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Methylcyclohexane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Methylene chloride	ND		0.030	mg/Kg	1	05/29/13 02:38 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: Trip-03
Collection Date: 05/23/13

Work Order: 13051016
Lab ID: 13051016-07
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Tetrachloroethene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Toluene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
trans-1,2-Dichloroethene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
trans-1,3-Dichloropropene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Trichloroethene	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Trichlorofluoromethane	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Vinyl chloride	ND		0.030	mg/Kg	1	05/29/13 02:38 AM
Xylenes, Total	ND		0.090	mg/Kg	1	05/29/13 02:38 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	102		70-130	%REC	1	05/29/13 02:38 AM
<i>Surr: 4-Bromofluorobenzene</i>	101		70-130	%REC	1	05/29/13 02:38 AM
<i>Surr: Dibromofluoromethane</i>	99.0		70-130	%REC	1	05/29/13 02:38 AM
<i>Surr: Toluene-d8</i>	100		70-130	%REC	1	05/29/13 02:38 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-543-5-7W
Collection Date: 05/23/13 02:30 PM

Work Order: 13051016
Lab ID: 13051016-08
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/30/13	Analyst: JD
2,4,5-T	ND		0.063	mg/Kg-dry	1	06/03/13 12:36 PM
2,4,5-TP (Silvex)	ND		0.13	mg/Kg-dry	1	06/03/13 12:36 PM
2,4-D	ND		0.063	mg/Kg-dry	1	06/03/13 12:36 PM
Surr: DCAA	100		30-150	%REC	1	06/03/13 12:36 PM
PCBS			SW8082		Prep Date: 05/30/13	Analyst: JD
Aroclor 1016	ND		0.050	mg/Kg-dry	1	05/31/13 04:44 AM
Aroclor 1221	ND		0.050	mg/Kg-dry	1	05/31/13 04:44 AM
Aroclor 1232	ND		0.050	mg/Kg-dry	1	05/31/13 04:44 AM
Aroclor 1242	ND		0.050	mg/Kg-dry	1	05/31/13 04:44 AM
Aroclor 1248	ND		0.050	mg/Kg-dry	1	05/31/13 04:44 AM
Aroclor 1254	0.16		0.050	mg/Kg-dry	1	05/31/13 04:44 AM
Aroclor 1260	ND		0.050	mg/Kg-dry	1	05/31/13 04:44 AM
Surr: Decachlorobiphenyl	63.1		40-140	%REC	1	05/31/13 04:44 AM
PESTICIDES			SW8081		Prep Date: 05/30/13	Analyst: JD
4,4'-DDD	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
4,4'-DDE	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
4,4'-DDT	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Aldrin	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
alpha-BHC	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
alpha-Chlordane	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
beta-BHC	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Chlordane, Technical	ND		0.032	mg/Kg-dry	1	06/03/13 03:41 PM
delta-BHC	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Dieldrin	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Endosulfan I	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Endosulfan II	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Endosulfan sulfate	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Endrin	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Endrin aldehyde	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Endrin ketone	ND	UJ	0.013	mg/Kg-dry	1	06/03/13 03:41 PM
gamma-BHC (Lindane)	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
gamma-Chlordane	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Heptachlor	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Heptachlor epoxide	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Methoxychlor	ND		0.013	mg/Kg-dry	1	06/03/13 03:41 PM
Toxaphene	ND		0.076	mg/Kg-dry	1	06/03/13 03:41 PM
Surr: Decachlorobiphenyl	85.1		45-135	%REC	1	06/03/13 03:41 PM
Surr: Tetrachloro-m-xylene	92.1		45-124	%REC	1	06/03/13 03:41 PM

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

24
7/19/13

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
Project: 20405.016.001.2063.00/Whirlpool Park Site
Sample ID: IA1-543-5-7W
Collection Date: 05/23/13 02:30 PM

Work Order: 13051016
Lab ID: 13051016-08
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 05/29/13	Analyst: LR
Mercury	0.046		0.020	mg/Kg-dry	1	05/30/13 03:31 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Aluminum	9,100		4.5	mg/Kg-dry	5	06/03/13 01:33 PM
Antimony	ND		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Arsenic	6.2		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Barium	58		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Beryllium	ND		0.91	mg/Kg-dry	5	05/31/13 07:46 PM
Boron	24		9.1	mg/Kg-dry	5	06/03/13 01:33 PM
Cadmium	ND		0.91	mg/Kg-dry	5	05/31/13 07:46 PM
Calcium	2,200		230	mg/Kg-dry	5	05/31/13 07:46 PM
Chromium	13		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Cobalt	9.4		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Copper	13		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Iron	17,000		36	mg/Kg-dry	5	05/31/13 07:46 PM
Lead	11		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Magnesium	2,400		91	mg/Kg-dry	5	05/31/13 07:46 PM
Manganese	290		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Nickel	24		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Potassium	1,200		91	mg/Kg-dry	5	05/31/13 07:46 PM
Selenium	ND		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Silver	ND		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Sodium	ND		91	mg/Kg-dry	5	06/03/13 01:33 PM
Thallium	ND		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Vanadium	19		2.3	mg/Kg-dry	5	05/31/13 07:46 PM
Zinc	54		4.5	mg/Kg-dry	5	05/31/13 07:46 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,1'-Biphenyl	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
2,4,5-Trichlorophenol	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
2,4,6-Trichlorophenol	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
2,4-Dichlorophenol	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
2,4-Dimethylphenol	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
2,4-Dinitrophenol	ND		0.82	mg/Kg-dry	1	05/31/13 12:02 PM
2,4-Dinitrotoluene	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
2,6-Dinitrotoluene	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
2-Chloronaphthalene	ND		0.099	mg/Kg-dry	1	05/31/13 12:02 PM
2-Chlorophenol	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
2-Methylnaphthalene	ND		0.099	mg/Kg-dry	1	05/31/13 12:02 PM
2-Methylphenol	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-543-5-7W

Lab ID: 13051016-08

Collection Date: 05/23/13 02:30 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.82	mg/Kg-dry	1	05/31/13 12:02 PM
2-Nitrophenol	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
3,3'-Dichlorobenzidine	ND		0.82	mg/Kg-dry	1	05/31/13 12:02 PM
3-Nitroaniline	ND		0.82	mg/Kg-dry	1	05/31/13 12:02 PM
4,6-Dinitro-2-methylphenol	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
4-Bromophenyl phenyl ether	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
4-Chloro-3-methylphenol	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
4-Chloroaniline	ND		0.82	mg/Kg-dry	1	05/31/13 12:02 PM
4-Chlorophenyl phenyl ether	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
4-Methylphenol	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
4-Nitroaniline	ND		0.82	mg/Kg-dry	1	05/31/13 12:02 PM
4-Nitrophenol	ND		0.82	mg/Kg-dry	1	05/31/13 12:02 PM
Acenaphthene	ND		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Acenaphthylene	ND		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Acetophenone	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
Anthracene	ND		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Atrazine	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
Benzaldehyde	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
Benzo(a)anthracene	0.042		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Benzo(a)pyrene	0.064		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Benzo(b)fluoranthene	ND		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Benzo(g,h,i)perylene	ND		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Benzo(k)fluoranthene	ND		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Bis(2-chloroethoxy)methane	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
Bis(2-chloroethyl)ether	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
Bis(2-chloroisopropyl)ether	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
Bis(2-ethylhexyl)phthalate	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
Butyl benzyl phthalate	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
Caprolactam	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
Carbazole	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
Chrysene	ND		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Dibenzo(a,h)anthracene	ND		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Dibenzofuran	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
Diethyl phthalate	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
Dimethyl phthalate	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
Di-n-butyl phthalate	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
Di-n-octyl phthalate	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
Fluoranthene	ND		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Fluorene	ND		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Hexachlorobenzene	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-543-5-7W

Lab ID: 13051016-08

Collection Date: 05/23/13 02:30 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
Hexachlorocyclopentadiene	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
Hexachloroethane	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
Indeno(1,2,3-cd)pyrene	ND		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Isophorone	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
Naphthalene	0.13		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Nitrobenzene	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
N-Nitrosodi-n-propylamine	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
N-Nitrosodiphenylamine	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
Pentachlorophenol	ND		0.41	mg/Kg-dry	1	05/31/13 12:02 PM
Phenanthrene	ND		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Phenol	ND		0.20	mg/Kg-dry	1	05/31/13 12:02 PM
Pyrene	0.037		0.037	mg/Kg-dry	1	05/31/13 12:02 PM
Surr: 2,4,6-Tribromophenol	66.3		34-140	%REC	1	05/31/13 12:02 PM
Surr: 2-Fluorobiphenyl	57.7		12-100	%REC	1	05/31/13 12:02 PM
Surr: 2-Fluorophenol	62.8		33-117	%REC	1	05/31/13 12:02 PM
Surr: 4-Terphenyl-d14	137	S	25-137	%REC	1	05/31/13 12:02 PM
Surr: Nitrobenzene-d5	49.7		37-107	%REC	1	05/31/13 12:02 PM
Surr: Phenol-d6	58.3		40-106	%REC	1	05/31/13 12:02 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Prep Date: 05/28/13

Analyst: RS

1,1,1-Trichloroethane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,1,2,2-Tetrachloroethane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,1,2-Trichloroethane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,1,2-Trichlorotrifluoroethane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,1-Dichloroethane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,1-Dichloroethene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,2,4-Trichlorobenzene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,2-Dibromo-3-chloropropane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,2-Dibromoethane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,2-Dichlorobenzene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,2-Dichloroethane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,2-Dichloropropane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,3-Dichlorobenzene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
1,4-Dichlorobenzene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
2-Butanone	ND		0.25	mg/Kg-dry	1	05/29/13 02:59 AM
2-Hexanone	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
4-Methyl-2-pentanone	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Acetone	ND		0.13	mg/Kg-dry	1	05/29/13 02:59 AM
Benzene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Bromodichloromethane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-543-5-7W

Lab ID: 13051016-08

Collection Date: 05/23/13 02:30 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Bromomethane	ND		0.095	mg/Kg-dry	1	05/29/13 02:59 AM
Carbon disulfide	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Carbon tetrachloride	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Chlorobenzene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Chloroethane	ND		0.13	mg/Kg-dry	1	05/29/13 02:59 AM
Chloroform	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Chloromethane	ND		0.13	mg/Kg-dry	1	05/29/13 02:59 AM
cis-1,2-Dichloroethene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
cis-1,3-Dichloropropene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Cyclohexane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Dibromochloromethane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Dichlorodifluoromethane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Ethylbenzene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Isopropylbenzene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Methyl acetate	ND		0.25	mg/Kg-dry	1	05/29/13 02:59 AM
Methyl tert-butyl ether	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Methylcyclohexane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Methylene chloride	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Styrene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Tetrachloroethene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Toluene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
trans-1,2-Dichloroethene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
trans-1,3-Dichloropropene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Trichloroethene	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Trichlorofluoromethane	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Vinyl chloride	ND		0.038	mg/Kg-dry	1	05/29/13 02:59 AM
Xylenes, Total	ND		0.11	mg/Kg-dry	1	05/29/13 02:59 AM
Surr: 1,2-Dichloroethane-d4	104		70-130	%REC	1	05/29/13 02:59 AM
Surr: 4-Bromofluorobenzene	102		70-130	%REC	1	05/29/13 02:59 AM
Surr: Dibromofluoromethane	99.0		70-130	%REC	1	05/29/13 02:59 AM
Surr: Toluene-d8	102		70-130	%REC	1	05/29/13 02:59 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/28/13	Analyst: MB
Chromium, Hexavalent	ND		0.63	mg/Kg-dry	1	05/29/13 12:30 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	21		0.050	% of sample	1	05/28/13 03:05 PM
PH			SW9045D			Analyst: CH
pH	7.5			s.u.	1	05/28/13 10:00 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc
 Project: 20405.016.001.2063.00/Whirlpool Park Site
 Sample ID: IA1-551-2-4W
 Collection Date: 05/24/13 08:00 AM

Work Order: 13051016
 Lab ID: 13051016-09
 Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
HERBICIDES			SW8151		Prep Date: 05/30/13	Analyst: JD
2,4,5-T	ND		0.057	mg/Kg-dry	1	06/03/13 12:52 PM
2,4,5-TP (Silvex)	ND		0.11	mg/Kg-dry	1	06/03/13 12:52 PM
2,4-D	ND		0.057	mg/Kg-dry	1	06/03/13 12:52 PM
Surr: DCAA	124		30-150	%REC	1	06/03/13 12:52 PM
PCBS			SW8082		Prep Date: 05/30/13	Analyst: JD
Aroclor 1016	ND		0.046	mg/Kg-dry	1	05/31/13 05:04 AM
Aroclor 1221	ND		0.046	mg/Kg-dry	1	05/31/13 05:04 AM
Aroclor 1232	ND		0.046	mg/Kg-dry	1	05/31/13 05:04 AM
Aroclor 1242	ND		0.046	mg/Kg-dry	1	05/31/13 05:04 AM
Aroclor 1248	ND		0.046	mg/Kg-dry	1	05/31/13 05:04 AM
Aroclor 1254	ND		0.046	mg/Kg-dry	1	05/31/13 05:04 AM
Aroclor 1260	ND		0.046	mg/Kg-dry	1	05/31/13 05:04 AM
Surr: Decachlorobiphenyl	75.1		40-140	%REC	1	05/31/13 05:04 AM
PESTICIDES			SW8081		Prep Date: 05/30/13	Analyst: JD
4,4'-DDD	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
4,4'-DDE	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
4,4'-DDT	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Aldrin	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
alpha-BHC	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
alpha-Chlordane	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
beta-BHC	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Chlordane, Technical	ND		0.029	mg/Kg-dry	1	06/03/13 03:56 PM
delta-BHC	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Dieldrin	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Endosulfan I	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Endosulfan II	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Endosulfan sulfate	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Endrin	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Endrin aldehyde	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Endrin ketone	ND	UJ	0.011	mg/Kg-dry	1	06/03/13 03:56 PM
gamma-BHC (Lindane)	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
gamma-Chlordane	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Heptachlor	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Heptachlor epoxide	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Methoxychlor	ND		0.011	mg/Kg-dry	1	06/03/13 03:56 PM
Toxaphene	ND		0.069	mg/Kg-dry	1	06/03/13 03:56 PM
Surr: Decachlorobiphenyl	88.1		45-135	%REC	1	06/03/13 03:56 PM
Surr: Tetrachloro-m-xylene	92.1		45-124	%REC	1	06/03/13 03:56 PM

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

20
7/19/13

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-551-2-4W

Lab ID: 13051016-09

Collection Date: 05/24/13 08:00 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			SW7471		Prep Date: 05/29/13	Analyst: LR
Mercury	0.019		0.017	mg/Kg-dry	1	05/30/13 03:33 PM
METALS BY ICP-MS			SW6020A		Prep Date: 05/31/13	Analyst: RH
Aluminum	5,500		4.3	mg/Kg-dry	5	06/03/13 01:54 PM
Antimony	ND		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Arsenic	3.7		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Barium	21		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Beryllium	ND		0.86	mg/Kg-dry	5	05/31/13 07:52 PM
Boron	ND		8.6	mg/Kg-dry	5	06/03/13 01:54 PM
Cadmium	ND		0.86	mg/Kg-dry	5	05/31/13 07:52 PM
Calcium	820		210	mg/Kg-dry	5	05/31/13 07:52 PM
Chromium	6.9		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Cobalt	3.2		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Copper	4.1		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Iron	8,000		34	mg/Kg-dry	5	05/31/13 07:52 PM
Lead	4.4		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Magnesium	1,000		86	mg/Kg-dry	5	05/31/13 07:52 PM
Manganese	69		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Nickel	7.5		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Potassium	400		86	mg/Kg-dry	5	05/31/13 07:52 PM
Selenium	ND		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Silver	ND		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Sodium	ND		86	mg/Kg-dry	5	06/03/13 01:54 PM
Thallium	ND		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Vanadium	11		2.1	mg/Kg-dry	5	05/31/13 07:52 PM
Zinc	20		4.3	mg/Kg-dry	5	05/31/13 07:52 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 05/30/13	Analyst: HL
1,1'-Biphenyl	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
2,4,5-Trichlorophenol	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
2,4,6-Trichlorophenol	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
2,4-Dichlorophenol	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
2,4-Dimethylphenol	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
2,4-Dinitrophenol	ND		0.75	mg/Kg-dry	1	05/31/13 12:25 PM
2,4-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
2,6-Dinitrotoluene	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
2-Chloronaphthalene	ND		0.091	mg/Kg-dry	1	05/31/13 12:25 PM
2-Chlorophenol	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
2-Methylnaphthalene	ND		0.091	mg/Kg-dry	1	05/31/13 12:25 PM
2-Methylphenol	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-551-2-4W

Lab ID: 13051016-09

Collection Date: 05/24/13 08:00 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Nitroaniline	ND		0.75	mg/Kg-dry	1	05/31/13 12:25 PM
2-Nitrophenol	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
3,3'-Dichlorobenzidine	ND		0.75	mg/Kg-dry	1	05/31/13 12:25 PM
3-Nitroaniline	ND		0.75	mg/Kg-dry	1	05/31/13 12:25 PM
4,6-Dinitro-2-methylphenol	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
4-Bromophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
4-Chloro-3-methylphenol	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
4-Chloroaniline	ND		0.75	mg/Kg-dry	1	05/31/13 12:25 PM
4-Chlorophenyl phenyl ether	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
4-Methylphenol	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
4-Nitroaniline	ND		0.75	mg/Kg-dry	1	05/31/13 12:25 PM
4-Nitrophenol	ND		0.75	mg/Kg-dry	1	05/31/13 12:25 PM
Acenaphthene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Acenaphthylene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Acetophenone	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
Anthracene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Atrazine	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
Benzaldehyde	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
Benzo(a)anthracene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Benzo(a)pyrene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Benzo(b)fluoranthene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Benzo(g,h,i)perylene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Benzo(k)fluoranthene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Bis(2-chloroethoxy)methane	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
Bis(2-chloroethyl)ether	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
Bis(2-chloroisopropyl)ether	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
Bis(2-ethylhexyl)phthalate	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
Butyl benzyl phthalate	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
Caprolactam	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
Carbazole	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
Chrysene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Dibenzo(a,h)anthracene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Dibenzofuran	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
Diethyl phthalate	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
Dimethyl phthalate	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
Di-n-butyl phthalate	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
Di-n-octyl phthalate	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
Fluoranthene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Fluorene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Hexachlorobenzene	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-551-2-4W

Lab ID: 13051016-09

Collection Date: 05/24/13 08:00 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobutadiene	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
Hexachlorocyclopentadiene	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
Hexachloroethane	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
Indeno(1,2,3-cd)pyrene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Isophorone	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
Naphthalene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Nitrobenzene	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
N-Nitrosodi-n-propylamine	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
N-Nitrosodiphenylamine	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
Pentachlorophenol	ND		0.37	mg/Kg-dry	1	05/31/13 12:25 PM
Phenanthrene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Phenol	ND		0.18	mg/Kg-dry	1	05/31/13 12:25 PM
Pyrene	ND		0.034	mg/Kg-dry	1	05/31/13 12:25 PM
Surr: 2,4,6-Tribromophenol	53.6		34-140	%REC	1	05/31/13 12:25 PM
Surr: 2-Fluorobiphenyl	49.8		12-100	%REC	1	05/31/13 12:25 PM
Surr: 2-Fluorophenol	55.9		33-117	%REC	1	05/31/13 12:25 PM
Surr: 4-Terphenyl-d14	120		25-137	%REC	1	05/31/13 12:25 PM
Surr: Nitrobenzene-d5	45.9		37-107	%REC	1	05/31/13 12:25 PM
Surr: Phenol-d6	51.2		40-106	%REC	1	05/31/13 12:25 PM

VOLATILE ORGANIC COMPOUNDS

SW8260

Prep Date: 05/28/13

Analyst: RS

1,1,1-Trichloroethane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,1,2,2-Tetrachloroethane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,1,2-Trichloroethane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,1,2-Trichlorotrifluoroethane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,1-Dichloroethane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,1-Dichloroethene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,2,4-Trichlorobenzene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,2-Dibromo-3-chloropropane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,2-Dibromoethane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,2-Dichlorobenzene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,2-Dichloroethane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,2-Dichloropropane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,3-Dichlorobenzene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
1,4-Dichlorobenzene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
2-Butanone	ND		0.23	mg/Kg-dry	1	05/29/13 03:21 AM
2-Hexanone	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
4-Methyl-2-pentanone	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Acetone	ND		0.12	mg/Kg-dry	1	05/29/13 03:21 AM
Benzene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Bromodichloromethane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM

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

ALS Group USA, Corp

Date: 05-Jun-13

Client: Weston Solutions, Inc

Project: 20405.016.001.2063.00/Whirlpool Park Site

Work Order: 13051016

Sample ID: IA1-551-2-4W

Lab ID: 13051016-09

Collection Date: 05/24/13 08:00 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Bromomethane	ND		0.086	mg/Kg-dry	1	05/29/13 03:21 AM
Carbon disulfide	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Carbon tetrachloride	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Chlorobenzene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Chloroethane	ND		0.12	mg/Kg-dry	1	05/29/13 03:21 AM
Chloroform	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Chloromethane	ND		0.12	mg/Kg-dry	1	05/29/13 03:21 AM
cis-1,2-Dichloroethene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
cis-1,3-Dichloropropene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Cyclohexane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Dibromochloromethane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Dichlorodifluoromethane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Ethylbenzene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Isopropylbenzene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Methyl acetate	ND		0.23	mg/Kg-dry	1	05/29/13 03:21 AM
Methyl tert-butyl ether	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Methylcyclohexane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Methylene chloride	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Styrene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Tetrachloroethene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Toluene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
trans-1,2-Dichloroethene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
trans-1,3-Dichloropropene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Trichloroethene	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Trichlorofluoromethane	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Vinyl chloride	ND		0.035	mg/Kg-dry	1	05/29/13 03:21 AM
Xylenes, Total	ND		0.10	mg/Kg-dry	1	05/29/13 03:21 AM
<i>Surr: 1,2-Dichloroethane-d4</i>	104		70-130	%REC	1	05/29/13 03:21 AM
<i>Surr: 4-Bromofluorobenzene</i>	101		70-130	%REC	1	05/29/13 03:21 AM
<i>Surr: Dibromofluoromethane</i>	98.9		70-130	%REC	1	05/29/13 03:21 AM
<i>Surr: Toluene-d8</i>	102		70-130	%REC	1	05/29/13 03:21 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 05/28/13	Analyst: MB
Chromium, Hexavalent	ND		0.57	mg/Kg-dry	1	05/29/13 12:30 PM
MOISTURE			A2540 G			Analyst: BD
Moisture	13		0.050	% of sample	1	05/28/13 03:05 PM
PH			SW9045D			Analyst: CH
pH	8.3			s.u.	1	05/28/13 10:00 AM

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