WEBSTER GREEN

3100 WEBSTER AVENUE

BRONX, NEW YORK

Remedial Investigation Report

NYC VCP Site Number: 14CVCP179X

NYC E-Designation Site Number: 13EH-N459X

Prepared for:

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REMEDIAL INVESTIGATION REPORT

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LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
CAMP	Community Air Monitoring Plan
COC	Contaminant of Concern
CPP	Citizen Participation Plan
CSM	Conceptual Site Model
DER-10	New York State Department of Environmental Conservation Technical Guide 10
FID	Flame Ionization Detector
GPS	Global Positioning System
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measure
NAPL	Non-aqueous Phase Liquid
NYC VCP	New York City Voluntary Cleanup Program
NYC DOHMH	New York City Department of Health and Mental Hygiene
NYC OER	New York City Office of Environmental Remediation
NYS DOH ELAP	New York State Department of Health Environmental Laboratory Accreditation Program
OSHA	Occupational Safety and Health Administration
PID	Photoionization Detector
QEP	Qualified Environmental Professional
RI	Remedial Investigation
RIR	Remedial Investigation Report
SCO	Soil Cleanup Objective
SPEED	Searchable Property Environmental Electronic Database

CERTIFICATION

I, Mark Hasting, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the 3100 Webster Avenue in the Bronx, New York. I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

Mark Hasting 11/6/2013

Qualified Environmental Professional Date Signature

EXECUTIVE SUMMARY

The Remedial Investigation Report (RIR) provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy pursuant to RCNY§ 43-1407(f). The remedial investigation (RI) described in this document is consistent with applicable guidance.

Site Location and Current Usage

The Site is located at 3100 Webster Avenue in the Bronx, New York and is identified as Block 3330 and Lot 68 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 0.29 acres and is bounded by East 204th Street to the north/northeast, an adjoining building to the south/southeast and south/southwest, and Webster Avenue to the west/northwest. A map of the site boundary is shown in Figure 2. Currently, the Site is vacant and contains an unused parking lot and a vacant (former) service station building.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of a 77,600 square foot multi-story residential building. Layout of the proposed site development is presented in Figure 3. The current zoning designation is C8-2 commercial/garage. The proposed use will require rezoning for the property to residential.

Development of the property is planned with an 81,175 square foot residential building. The building will be L-shaped and be 8 stories in height in the northern section and seven stories in height in the southern section. The site will be covered by the building, landscaped or concrete areas. The maximum depth of excavation for the proposed basement is anticipated to be twelve feet below ground surface (bgs). Excavation is not expected below the water table.

Summary of Past Uses of Site and Areas of Concern

A search of City Directories for the Property and surrounding area was conducted through EDR. The review included directories for the years from 1927 through 2012 at approximately two to ten year intervals. The Property address (3100 Webster Avenue) was listed on directories dated 1956 through 2007 as occupied by an automotive service station under various names. No listings of the Property address were found for the years 1927 to 1949 and 2012.

Areas of Concern (AOCs) include:

1. Former historic underground storage tanks (USTs)
2. Historic fill present on site
3. Known groundwater contamination (NYSDEC spill number 0313721).

Summary of the Work Performed under the Remedial Investigation

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed seven soil borings across the entire project Site, and collected fourteen soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Four existing monitoring wells previously installed on the site were sampled to establish groundwater flow and collected four groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed five soil vapor probes around Site perimeter and collected five samples for chemical analysis.

Summary of Environmental Findings

1. Elevation of the property ranges from 85 to 95 feet.

2. Depth to groundwater ranges from 9 to 12 feet at the Site. One monitoring well showed water at approximately 5 feet deep. Based on the site conditions, this may be a perched water table and not indicative of the static water table.

3. Groundwater flow is generally from east to west beneath the Site.

4. Depth to bedrock is approximately 9 to 12 feet at the Site. One boring had refusal at 5 feet, but it is not believed to be bedrock

5. The stratigraphy of the site, from the surface down, consists of approximate 5 to 10 feet of historic fill underlain by 5 to 10 feet of clay.

6. Soil/fill samples collected during the RI showed VOCs including Benzene at 0.053 mg/Kg and ethylbenzene at 26 mg/Kg, and total xylene at 185 mg/Kg detected above Track 1 Unrestricted Use Soil Cleanup Objective (SCOs), and of these, xylenes also exceeded Track 2 Restricted Residential Soil Cleanup Objective (SCOs) in one shallow soil sample. Methylene chloride, toluene and isopropylbenxene were also detected at concentrations below Unrestricted Use SCOs. Seven SVOCS – all PAH related compounds including benzo(a)anthracene (max. of 9.07 ppm), benzo(a)pyrene (max. of 11.8 ppm), benzo(b)fluoranthene (max. of 10.4 ppm), benzo-(k)fluoranthene (max. of 8.13 ppm), chrysene (max. of 8.79 ppm), dibenzo(a,h)anthracene (max. of 3.33 ppm), and indeno(1,2,3-cd)pyrene (max. of 6.51 ppm) were detected above their respective Restricted Residential Use SCOs as well as Unrestricted Use SCO in the two of 14 soil samples. Metals including barium (max. of 361 ppm), copper (max. of 111 ppm), lead (max. of 216 ppm), manganese (max. of 1990 ppm), mercury (max. of 1.14 ppm), nickel (max. of 89 ppm) and zinc (max. of 222 ppm) exceeded Unrestricted Use SCOs in several soil samples. Of these metals, mercury also exceeded Restricted Residential SCOs in one shallow soil. No PCBs or Pesticides were detected above Track 1 Unrestricted Use SCOs.

7. The groundwater samples collected during the RI showed several VOCs including benzene (at 1.87 ug/L), toluene (max. of 14.9 ug/L), ethylbenzene (max. of 578 ug/L), total xylene (max. of 1740 ug/L) and isopropylbenxene (max. of 75.6 ug/L) exceeding NYSDEC 6NYCRR Part703.5 Groundwater Quality Standards (GQS) in two wells. One

SVOC, naphthalene detected at 37.8 ug/L, also exceeded GQS. Metals including iron, manganese, and selenium were detected above GQS. No PCBS and Pesticide were detected in any of the groundwater samples collected at the site. Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site.

8. The soil vapor results collected during the RI were compared to the compounds listed in Table 3.1 Air Guideline Values Derived by the NYSDOH located in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion. Soil vapor detected high concentrations of petroleum related and low levels of chlorinated VOCs in several soil vapor samples. Petroleum-related VOCs included BTEX compounds with benzene (2,000 $\mu g/m^3$), toluene (1,600 $\mu g/m^3$), ethylbenzene (8,000 $\mu g/m^3$) and total xylenes (6,500 $\mu g/m^3$). Chlorinated VOCs including Tetrachloroethylene (PCE) was identified in four soil vapor samples at a maximum concentration of 99 $\mu g/m^3$, carbon tetrachloride was detected at a maximum concentration of 0.1.7 $\mu g/m^3$, trichloroethylene (TCE) was detected at a maximum concentration of 1.2 $\mu g/m^3$ and TCA was detected at maximum concentrations of 4.1 $\mu g/m^3$. The PCE, TCE, TCA and carbon tetrachloride concentrations are below the monitoring level ranges established within the State DOH soil vapor guidance matrix.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Webster Avenue Housing Development Fund Corporation has applied to enrolling in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.29 acre site located at 3100 Webster Avenue in the Bronx, New York. Residential use is proposed for the property. The RI work was performed on July 17, 2013. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located at 3100 Webster Avenue in the Bronx, New York and is identified as Block 3330 and Lot 68 on the New York City Tax Map. Figure 1shows the Site location. The Site is 0.29 acres and is bounded by East 204th Street to the north/northeast, an adjoining building to the south/southeast and south/southwest, and Webster Avenue to the west/northwest. A map of the site boundary is shown in Figure 2. Currently, the Site is vacant and contains an unused parking lot and a vacant (former) service station building.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of a 77,600 square foot multi-story residential building. Layout of the proposed site development is presented in Figure 3. The current zoning designation isR7D with C2-4 Overlay.. The proposed use will require rezoning for the property to residential..

Development of the property is planned with an 81,175 square foot residential building. The building will be L-shaped and will be 8 stories in height in the northern section and seven stories in height in the southern section. The site will be covered by the building, landscaped or concrete areas. The maximum depth of excavation for the proposed basement is anticipated to be twelve feet below ground surface (bgs). Excavation is not expected below the water table.

1.3 Description of Surrounding Property

No sensitive receptors such as schools, hospitals or day care facilities are located with a 500 radius from the Site. The surrounding properties are zoned residential and commercial. Figure 4 shows the surrounding land usage.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

A search of City Directories for the Property and surrounding area was conducted by EDR. The review included directories for the years from 1927 through 2012 at approximately two to ten year intervals. The Property address (3100 Webster Avenue) was listed on directories dated 1956 through 2007 as occupied by an automotive service station under various names. No listings of the Property address were found for the years 1927 to 1949 and 2012.

2.2 Previous Investigations

NYSDEC spill case 0313721 was opened when "significant groundwater contamination" was discovered during investigations conducted in 2003.

No additional regulatory investigations have been completed at the site.

2.3 Site Inspection

A site investigation was performed by Chris Hirschmann (QEP) on February 26, 2013 to evaluate the areas of concern.

Two active USTs were reported by the owner to be in use at the Property. Heating oil is reported to be stored within a 550-gallon UST located beneath a rear bay of the garage building. Waste oil was reported to be stored within a 550-gallon UST; also located beneath a rear bay of the garage building. Hillmann observed evidence suggesting the presence of an additional UST in between the two front bays of the garage building. A metal port similar in appearance to the two known USTs was noted flush with the concrete floor. The Property owner was not sure if the port was for a UST, but clarified that twenty-two abandoned 550-gallon USTs had been removed from the Property within the last ten years; and that it was possible that an additional UST may exist under the garage building where the metal port was noted. Hillmann further notes that the port was adjacent to a floor drainage access hatch in the concrete floor; and therefore the UST may be associated with an oil-water separator system.

Two in-ground hydraulic vehicle lifts were noted under the front vehicle bays of the garage. Mr. Carolan stated that the lifts are original to the building; and that he has never had to service them.

A series of floor drains were observed throughout the garage building. The floor drains reportedly discharge into the municipal sanitary sewer system via an oil-water separator system. Oil staining and placement of absorbent particles were noted around one of the drain located in a vehicle bay. An exterior trench drain was observed adjacent to a rear bay along at the northeast side of the garage building.

2.4 Areas of Concern

The AOCs identified for this site include:

1. Site usage as automotive garage. Current and Former historic underground storage tanks (USTs)
2. Historic fill present on site
3. NYSDEC Spill # 03-13721 and known groundwater contamination .
4. Presence of floor drains and oil staining.

Phase I Report is presented in Appendix A. A map showing areas of concern is presented in Figure 5.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Mark Hasting.

3.2 Health and Safety

All work described in this RIR was performed in full compliance with applicable laws and regulations, including Site and OSHA worker safety requirements and HAZWOPER requirements.

3.3 Materials Management

All material encountered during the RI was managed in accordance with applicable laws and regulations.

4.0 REMEDIAL INVESTIGATION ACTIVITIES

Webster Avenue Housing Development Fund Corporation performed the following scope of work:

- Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
- Installed seven soil borings across the entire project Site, and collected fourteen soil samples for chemical analysis from the soil borings to evaluate soil quality;
- Four existing monitoring wells previously installed on the site were sampled to establish groundwater flow and collected four groundwater samples for chemical analysis to evaluate groundwater quality;
- Installed five soil vapor probes around Site perimeter and collected five samples for chemical analysis.

4.1 Geophysical Investigation

A geophysical contractor performed a geophysical survey throughout the property to look for indications of historic underground storage tanks (USTs), drums, etc. The geophysical survey consisted of ground penetrating radar (GPR), magnetometer and line tracing equipment.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

Soil borings were advanced via direct push machinery (i.e. Geoprobe®) throughout the Site. All recovered soil was field screened with visual and olfactory as well as a PID. Results of soil screening are included on the soil boring logs.

Boring logs were prepared by a geologist are attached in Appendix A. A map showing the location of soil borings and monitor wells is shown in Figure 2.

Groundwater Monitoring Well Construction

Groundwater monitoring wells were previously installed prior to the current owner taking ownership of the property. Groundwater monitoring wells are two inches in diameter with flush mount lids.

Monitor well locations are shown in Figure 2.

Survey

A licensed surveyor was retained to survey the monitoring wells. The survey data was used to develop a groundwater contour map for the site.

Water Level Measurement

The groundwater level was gauged with an oil-water interface probe. The interface probe measures the depth to groundwater and free product (if applicable) to an accuracy of 0.01 of a foot. Water level data is included in Table 1.

4.3 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation was conducted for all Areas of Concern and also considered other means for bias of sampling based on professional judgment, area history, discolored soil, stressed vegetation, drainage patterns, field instrument measurements, odor, or other field indicators. All media including soil, groundwater and soil vapor have been sampled and evaluated in the RIR. Discrete (grab) samples have been used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this RIR provides sufficient basis for evaluation of remedial action alternatives, establishment of a qualitative human health exposure assessment, and selection of a final remedy.

Soil Sampling

Soil samples were collected with dedicated, disposal equipment for each sample. Disposal nitrile gloves were used for sampling and changed between sampling events. All soil samples were placed in laboratory approved containers and kept cool during transport to a New York State Environmental Laboratory Approval Program (ELAP) certified laboratory under chain-of-custody-protocol. All soil samples were analyzed for volatile organic compounds (VOCs) via EPA method 8260, semi-volatile organic (SVOC) compounds via EPA method 8270, TAL metals via EPA method 6010 and 7471, pesticides via EPA method 8081 and poly-chlorinated biphenyls (PCBs) via EPA method 8082 under standard two week laboratory turn-around timeframe (TAT). One field and one trip blank were also collected for analytical QA/QC purposes.

Fourteen soil samples were collected for chemical analysis during this RI. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in Table 2. Figure 2 shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

Groundwater Sampling

One groundwater sample was collected from each monitoring well. Each MW was purged prior to sampling activities. Groundwater samples were collected with dedicated bailers for each MW. Disposal gloves were work during sampling and changed between sampling events.

Groundwater samples were analyzed for VOCs via EPA method 8260, SVOCs via EPA method 8270, filtered and unfiltered TAL metals via EPA method 6010, pesticides via EPA method 8081 and PCBs via EPA method 8082 under standard two-week laboratory TAT. Groundwater samples were placed in laboratory approved containers and kept cool during transport to a NYS ELAP certified laboratory under chain-of-custody-protocol. One field and one trip blank were collected for QA/QC purposes.

Four groundwater samples were collected for chemical analysis during this RI. Groundwater sample collection data is reported in Table 3. Sampling logs with information on purging and sampling of groundwater monitor wells is included in Appendix A. Figure 2 shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Soil Vapor Sampling

Five soil vapor probes were installed and five soil vapor samples were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in Figure 2. Soil vapor sample collection data is reported in Table 4. Soil vapor sampling logs are included in Appendix B. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.* The soil vapor samples were collected from approximately 10 feet bgs using SUMMA® canisters provided by a NYS ELAP certified laboratory. The SUMMA® canisters were transported to the laboratory under chain of custody protocol. Each soil vapor samples was analyzed for VOCs plus TICs by USEPA method TO-15.

Chemical Analysis

Chemical analytical work presented in this RIR has been performed in the following manner:

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Mark Hasting
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and was Integrated Analytical Laboratories, located in Randolph, New Jersey.
Chemical Analytical Methods	Soil analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Groundwater analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Soil vapor analytical methods: • VOCs by TO-15 VOC parameters..

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in Tables 2, 3 and 4, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendix C.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

Soil at the property primarily consists of fill underlain by clay. Fill material is present down to approximately 5.0 to 10.0 feet bgs. The groundwater level in the sampled monitoring wells was detected at between approximately 10 to 14 feet bgs. Groundwater was not encountered in the other areas of the property. Bedrock was encountered at depths ranging from 10.0 to 16.0 feet bgs.

Hydrogeology

A table of water level data for all monitor wells is included in Table 1. The average depth to groundwater is 10.53 feet and the range in depth is 5.00 to 13.90 feet. The water detected at 5 feet is anticipated to be a perched water table, and not indicative of the static water table. A map of groundwater level elevations with groundwater contours and inferred flow lines is shown in Figure 6. Groundwater flow is from east to west.

5.2 Soil Chemistry

No staining, PID readings or odors were observed in any of the recovered soil in the soil borings.

The soil sample laboratory analytical results were compared to the New York State Department of Environmental Conservation (NYSDEC) Part 375 Track 1 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Track 2 Restricted-Residential Use Soil Cleanup Objectives (RRUSCO).

Soil/fill samples collected during the RI showed VOCs including Benzene at 0.053 mg/Kg, ethylbenzene at 26 mg/Kg, and total xylene at 185 mg/Kg detected above Track 1 Unrestricted Use Soil Cleanup Objective (SCOs), and of these xylenes also exceeded Track 2 Restricted Residential Soil Cleanup Objective (SCOs) in one shallow soil sample from S-2. Methylene chloride, toluene and isopropylbenxene were also detected at concentrations below Unrestricted Use SCOs. Seven SVOCS – all PAH related compounds including benzo(a)anthracene (max. of 9.07 ppm), benzo(a)pyrene (max. of 11.8 ppm), benzo(b)fluoranthene (max. of 10.4 ppm), benzo-(k)fluoranthene (max. of 8.13 ppm), chrysene (max. of 8.79 ppm), dibenzo(a,h)anthracene (max. of 3.33 ppm), and indeno(1,2,3-cd)pyrene (max. of 6.51 ppm) were detected above their

respective Restricted Residential Use SCOs as well as Unrestricted Use SCO in the two of 14 soil samples. Several metals including barium (max. of 361 ppm), copper (max. of 111 ppm), lead (max. of 216 ppm), manganese (max. of 1990 ppm), mercury (max. of 1.14 ppm), nickel (max. of 89 ppm) and zinc (max. of 222 ppm) exceeded Unrestricted Use SCOs in several soil samples. Of these metals, mercury also exceeded Restricted Residential SCOs in one shallow soil. No PCBs or Pesticides were above Track 1 Unrestricted Use SCOs.

9. Soil/fill samples collected during the RI showed VOCs including Benzene at 0.053 mg/Kg and ethylbenzene at 26 mg/Kg, and total xylene at 185 mg/Kg detected above Track 1 Unrestricted Use Soil Cleanup Objective (SCOs), and of these, xylenes also exceeded Track 2 Restricted Residential Soil Cleanup Objective (SCOs) in one shallow soil sample. Methylene chloride, toluene and isopropylbenxene were also detected at concentrations below Unrestricted Use SCOs. Seven SVOCS – all PAH related compounds including benzo(a)anthracene (max. of 9.07 ppm), benzo(a)pyrene (max. of 11.8 ppm), benzo(b)fluoranthene (max. of 10.4 ppm), benzo-(k)fluoranthene (max. of 8.13 ppm), chrysene (max. of 8.79 ppm), dibenzo(a,h)anthracene (max. of 3.33 ppm), and indeno(1,2,3-cd)pyrene (max. of 6.51 ppm) were detected above their respective Restricted Residential Use SCOs as well as Unrestricted Use SCO in the two of 14 soil samples. Metals including barium (max. of 361 ppm), copper (max. of 111 ppm), lead (max. of 216 ppm), manganese (max. of 1990 ppm), mercury (max. of 1.14 ppm), nickel (max. of 89 ppm) and zinc (max. of 222 ppm) exceeded Unrestricted Use SCOs in several soil samples. Of these metals, mercury also exceeded Restricted Residential SCOs in one shallow soil. No PCBs or Pesticides were detected above Track 1 Unrestricted Use SCOs.

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in Table 2. Figure 7 shows the location and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Track 2 Soil Cleanup Objectives.

5.3 Groundwater Chemistry

The groundwater samples collected during the RI showed several VOCs including benzene (at 1.87 ug/L), toluene (max. of 14.9 ug/L), ethylbenzene (max. of 578 ug/L), total xylene (max.

of 1740 ug/L) and isopropylbenxene (max. of 75.6 ug/L) exceeding NYSDEC 6NYCRR Part703.5 Groundwater Quality Standards (GQS) in MW-3 and MW-5. One SVOC, naphthalene was detected at 37.8 ug/L, also exceeded GQS. Several dissolved metals including iron, manganese, and selenium were detected above GQS. No PCBs and Pesticide were detected in any of the groundwater samples collected at the site.

Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in Table 3. Exceedence of applicable groundwater standards are shown.

Figure 8 shows the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards.

5.4 Soil Vapor Chemistry

The soil vapor results were compared to the compounds listed in Table 3.1 Air Guideline Values Derived by the NYSDOH located in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion. Soil vapor samples collected during the RI detected high concentrations of petroleum related and low levels of chlorinated VOCs in several soil vapor samples. Petroleum-related VOCs included BTEX compounds with benzene (2,000 $\mu g/m^3$), toluene (1,600 $\mu g/m^3$), ethylbenzene (8,000 $\mu g/m^3$) and total xylenes (6,500 $\mu g/m^3$). Chlorinated VOCs including Tetrachloroethylene (PCE) was identified in four soil vapor samples at a maximum concentration of 99 $\mu g/m^3$, carbon tetrachloride was detected at a maximum concentration of 0.1.7 $\mu g/m^3$, trichloroethylene (TCE) was detected at a maximum concentration of 1.2 $\mu g/m^3$ and TCA was detected at maximum concentrations of 4.1 $\mu g/m^3$. The PCE, TCE, TCA and carbon tetrachloride concentrations are below the monitoring level ranges established within the State DOH soil vapor guidance matrix.

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 4.

Figure 9 shows the location and posts the values for soil vapor samples with detected concentrations.

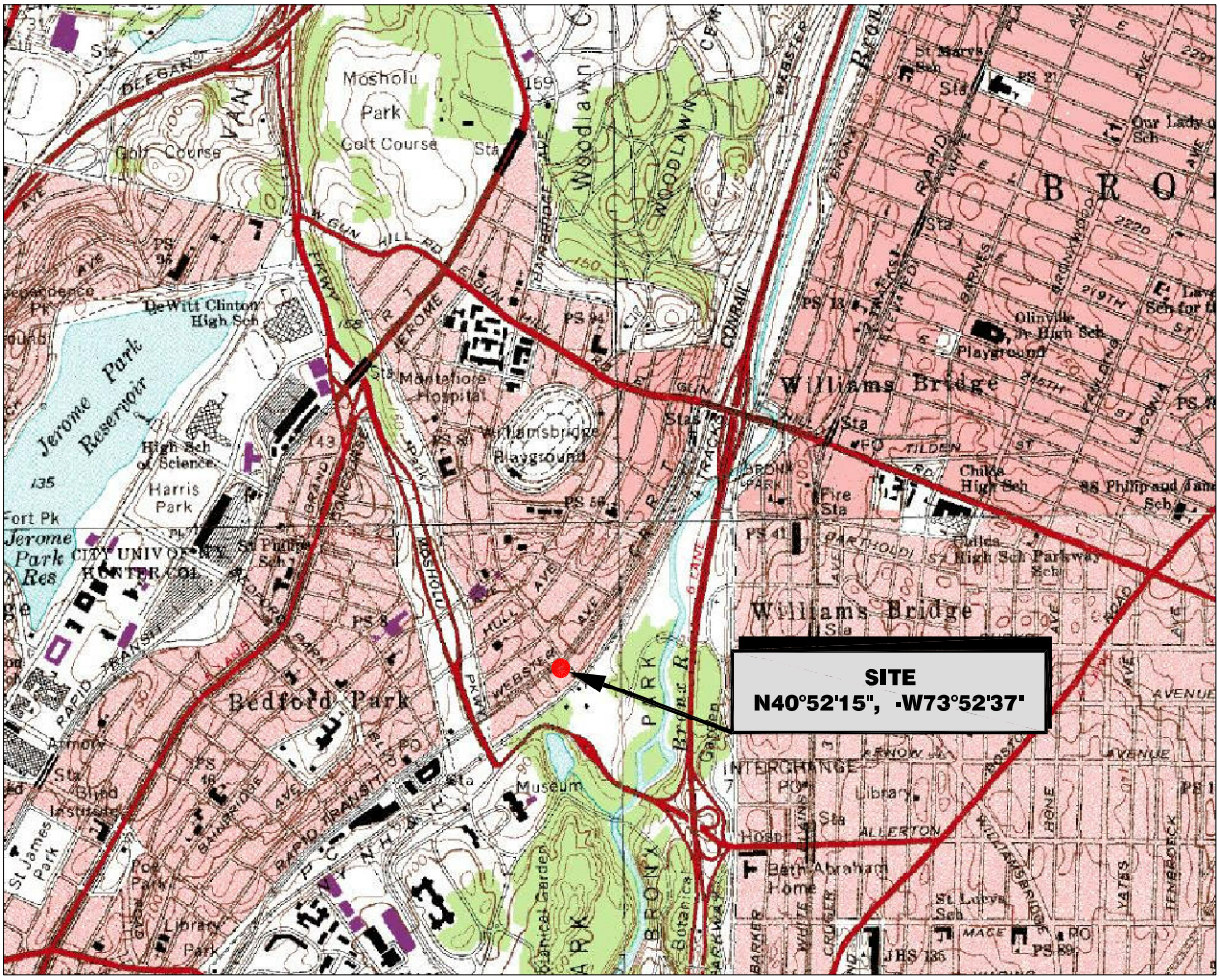
5.5 Prior Activity

Based on an evaluation of the data and information from the RIR, disposal of significant amounts of hazardous waste is not suspected at this site.

5.6 Impediments to Remedial Action

There are no known impediments to remedial action at this property.

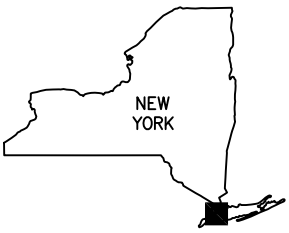
N



1 MILE 0 1 MILE

SCALE: 1" = 2,000

CONTOUR INTERVAL 10 FEET
National Geodetic Vertical Datum of 1929



QUADRANGLE LOCATION

NOTES

THIS DRAWING WAS PREPARED USING INFORMATION TAKEN FROM:
- USGS TOPOGRAPHIC MAPS
- CENTRAL PARK [NY,NJ]
- 1999

Image: HEG-114-USGS.jpg

REV. No.	DATE	BY	ENGR	CHKD	APPVD

FIGURE 1

USGS SITE LOCATION MAP

3100 WEBSTER AVENUE
BRONX, NEW YORK 10467

PROJECT MANAGER	C R H	PROJECT NO.	G6-2034

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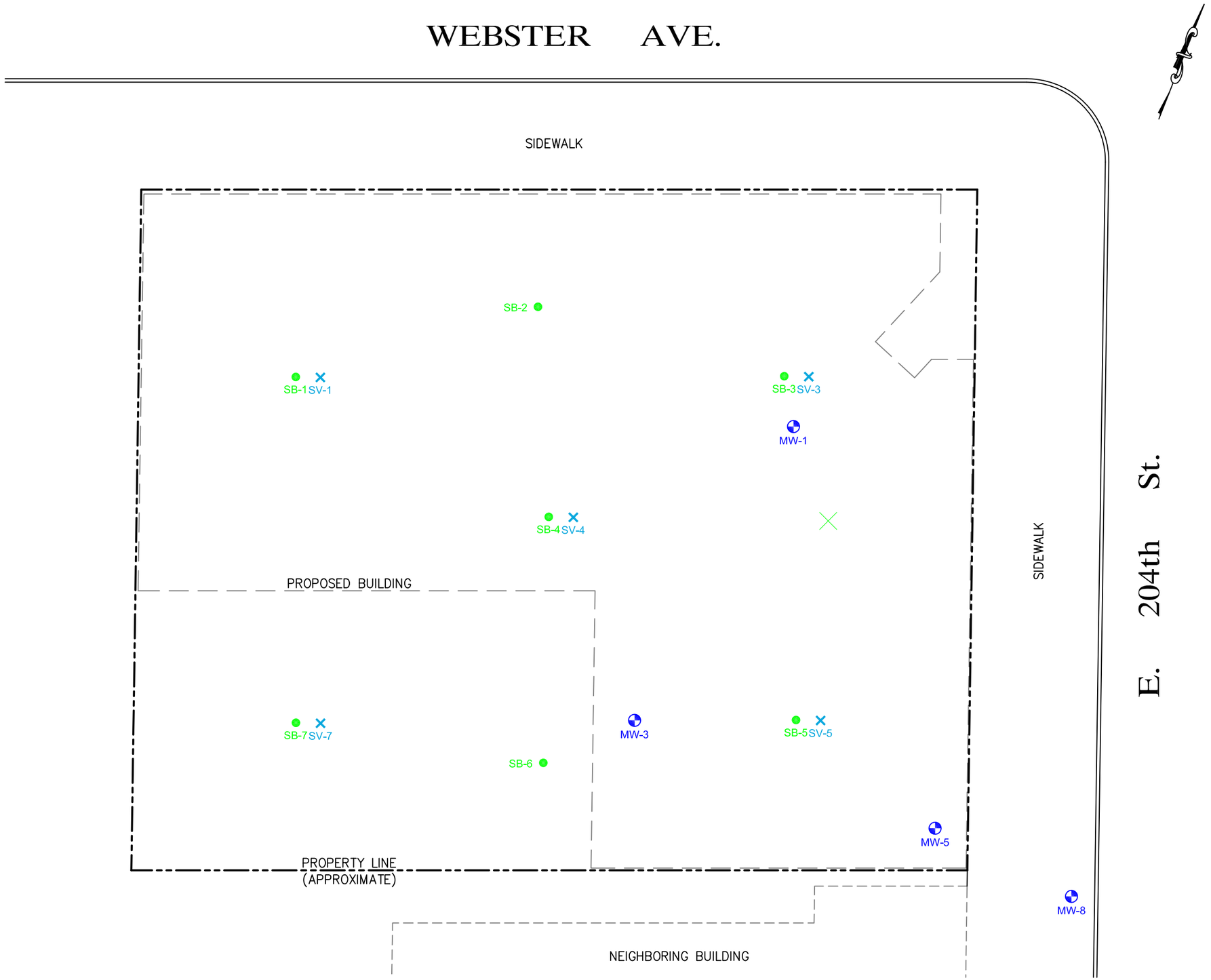
EBCO/03-04-13		HEG-114



LEGEND

- PROPERTY LINE (ASSUMED)
- MW-1 MONITORING WELL (EXISTING)
- SB-3 SOIL BORING (HILLMANN 7/17/2013)
- SV-3 SOIL VAPOR SAMPLE (HILLMANN 7/17/2013)

NOTES

1. THIS DRAWING WAS PREPARED USING INFORMATION TAKEN FROM:
   USGS AERIAL PHOTOGRAPHY
   AND FROM FIELD MEASUREMENTS BY:
   HILLMANN ENVIRONMENTAL GROUP, LLC

GRAPHIC SCALE
0 FEET 15
1" = 15'

FIGURE 2

SUBSURFACE INVESTIGATION

3100 WEBSTER AVENUE
BRONX, NEW YORK 10467

PROJECT MANAGER	C R H	PROJECT NO.	G6-2034

HILLMANN CONSULTING, LLC
1600 Route 22 East, Union NJ 07083
908.688.7800 (office) - 908.688.2441 (fax)
www.hillmannconsulting.com

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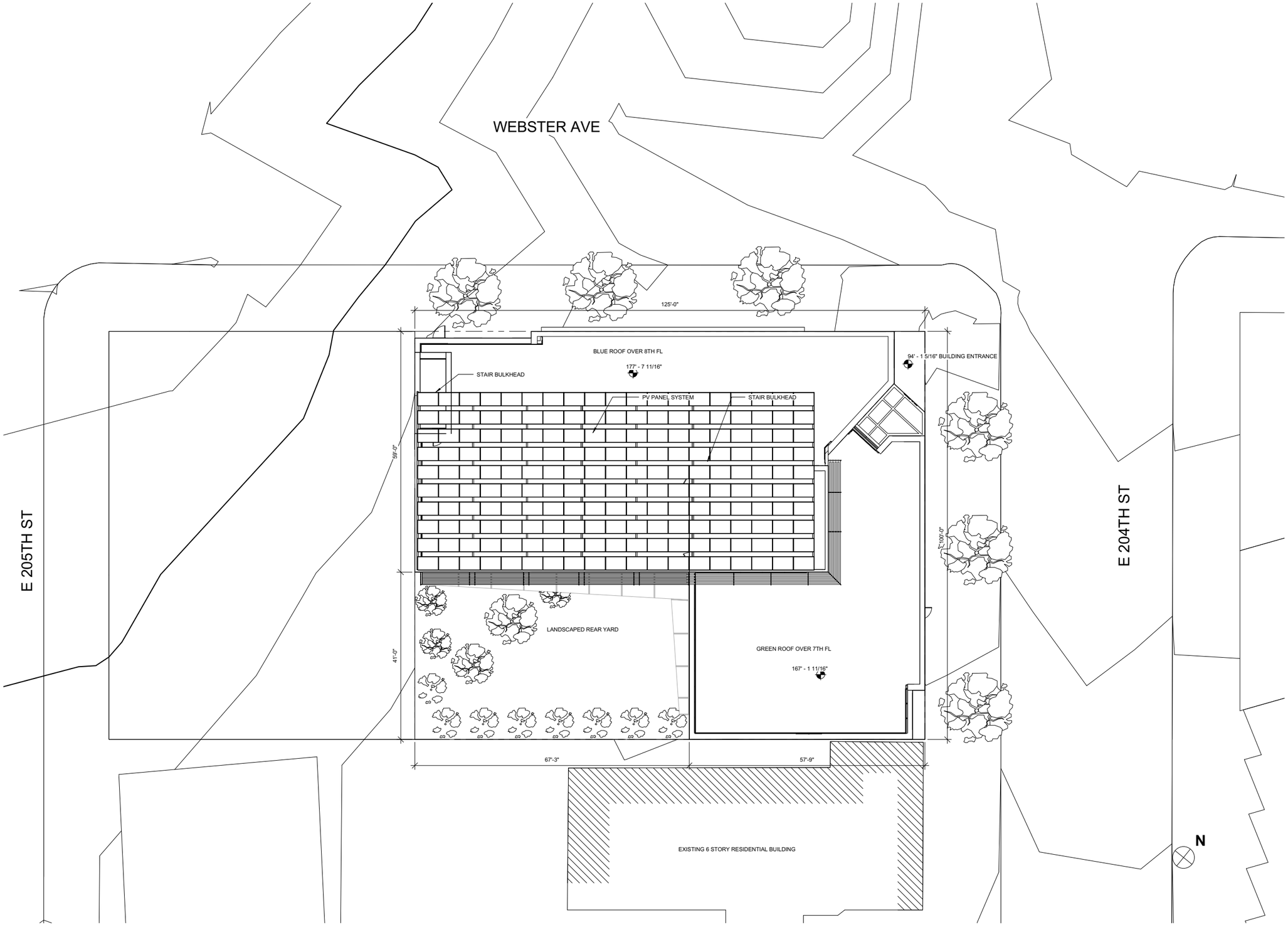
EBCO/07-30-13		HEG-132

REV. No.	DATE	BY	ENGR	CHKD	APP'VD



1 Site
3/32" = 1'-0"

WEBSTER GREEN

3100 WEBSTER AVE BRONX NY

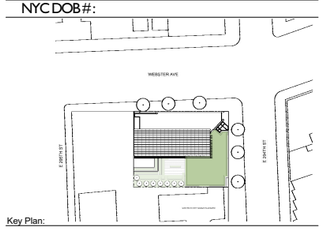
Owner:
THE DOE FUND
345 E. 102nd Street
New York, NY 10029
P. 646-672-4456
F. 212-860-8126

THE HOUSING COLLABORATIVE
222 Bloomingdale Rd #102
White Plains, NY 10605
P. 914-250-2426
F. 914-422-1550

The Housing Collaborative, LLC

BLOCK: 3330 LOT: 68

NYC DOB #:



Key Plan:
Issued:

NUMBER	DATE	DESCRIPTION
1	01.17.13	HFA SUBMISSION
2	05.09.13	HHAP SUBMISSION

Architect:
Magnusson Architecture & Planning PC
853 Broadway Suite 800
New York NY 10003
Tel (212) 253 7820 Fax (212) 253 1276

Structural Engineer:
GACE
31 West 27th Street, New York, NY 10001
Tel (212) 545-7878

MEP Engineer:
Johnson & Urban, LLC
295 Route 34, Colts Neck, NJ 07722
Tel (772) 664-6975 Fax (772) 664-6976

Civil Engineer:
Philip Habib & Associates
102 Madison Avenue 11th FL, New York, NY 10016
Tel (212) 929-5656 Fax (212) 929-5605

Landscape Architect:
Terrain-NYC
200 Park Avenue South, S# 1401, New York, NY 10003
Tel (212) 537-6080 Fax (212) 537-6079

Filing Representative:
Design 2147 Limited
52 Diamond Street, Brooklyn, NY 11222
Tel (718) 383-9340 Fax (718) 383-9346

Do Not Scale Plans
Contractor to promptly notify Architect of any material variations between field conditions and existing conditions as indicated in Contract documents

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Site Plan

SEAL & SIGNATURE:

PROJECT No:	12011
DRAWING BY:	EM
CHK BY:	FV
DWG No:	A-009.00
SCALE:	3/32" = 1'-0"

Figure 4- Surrounding Land Use

DAYCARE

SCHOOLS

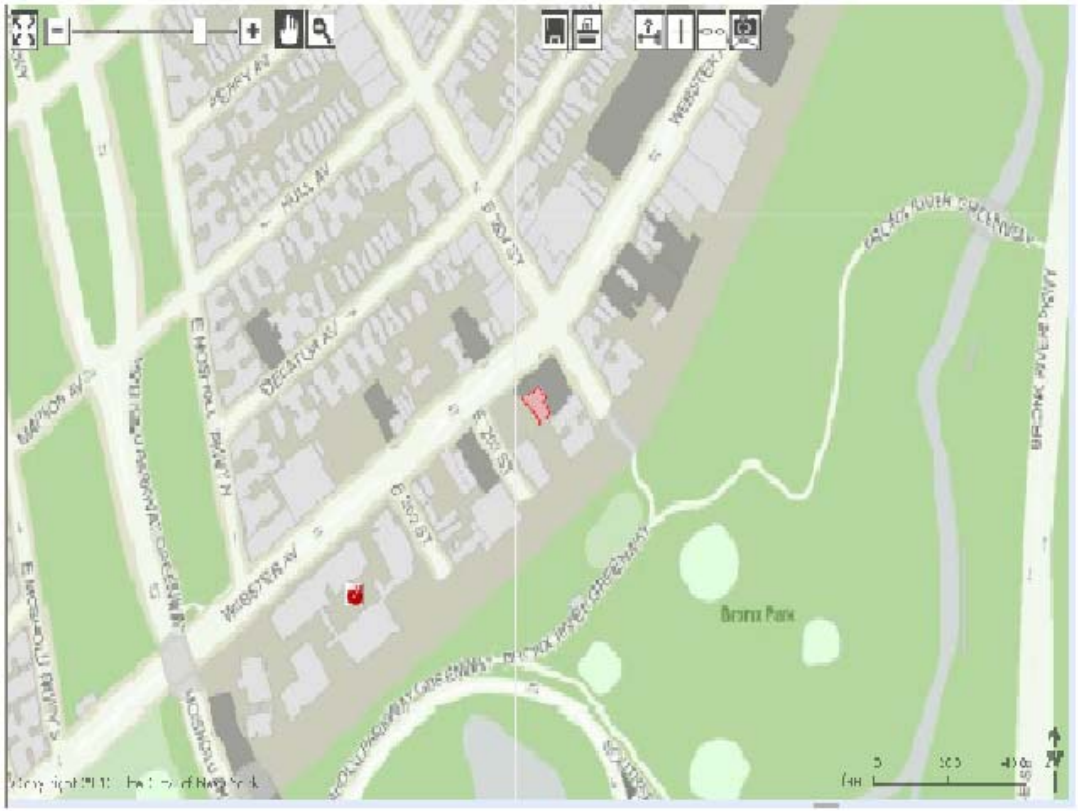
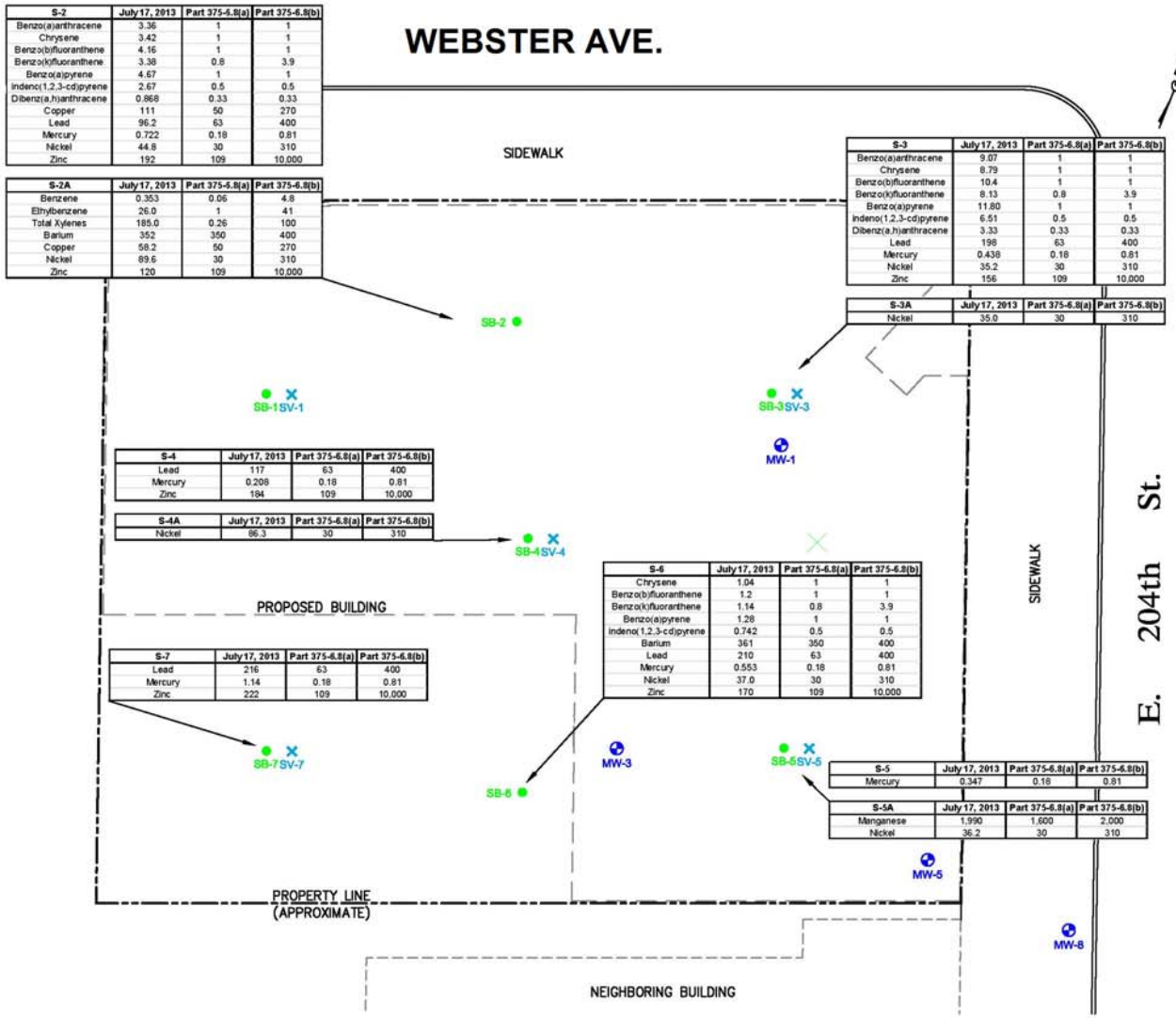


Figure 5 – AOCs

N

HILLMANN CONSULTING

Project Location:	3100 Webster Avenue Bronx, NY
AOC 1	Historic Fill – Site wide
AOC 2	Underground Storage Tanks
AOC 3	Ground Water – Site wide



S-2	July 17, 2013	Part 375-6.8(a)	Part 375-6.8(b)
Benzo(a)anthracene	3.36	1	1
Chrysene	3.42	1	1
Benzo(b)fluoranthene	4.16	1	1
Benzo(k)fluoranthene	3.38	0.8	3.9
Benzo(a)pyrene	4.67	1	1
Indeno(1,2,3-cd)pyrene	2.67	0.5	0.5
Dibenz(a,h)anthracene	0.868	0.33	0.33
Copper	111	50	270
Lead	96.2	63	400
Mercury	0.722	0.18	0.81
Nickel	44.8	30	310
Zinc	192	109	10,000

S-2A	July 17, 2013	Part 375-6.8(a)	Part 375-6.8(b)
Benzene	0.353	0.06	4.8
Ethylbenzene	26.0	1	41
Total Xylenes	185.0	0.26	100
Barium	352	350	400
Copper	58.2	50	270
Nickel	89.6	30	310
Zinc	120	109	10,000

S-3	July 17, 2013	Part 375-6.8(a)	Part 375-6.8(b)
Benzo(a)anthracene	9.07	1	1
Chrysene	8.79	1	1
Benzo(b)fluoranthene	10.4	1	1
Benzo(k)fluoranthene	8.13	0.8	3.9
Benzo(a)pyrene	11.80	1	1
Indeno(1,2,3-cd)pyrene	6.51	0.5	0.5
Dibenz(a,h)anthracene	3.33	0.33	0.33
Lead	198	63	400
Mercury	0.438	0.18	0.81
Nickel	35.2	30	310
Zinc	156	109	10,000

S-3A	July 17, 2013	Part 375-6.8(a)	Part 375-6.8(b)
Nickel	35.0	30	310

S-4	July 17, 2013	Part 375-6.8(a)	Part 375-6.8(b)
Lead	117	63	400
Mercury	0.208	0.18	0.81
Zinc	184	109	10,000

S-4A	July 17, 2013	Part 375-6.8(a)	Part 375-6.8(b)
Nickel	86.3	30	310

S-6	July 17, 2013	Part 375-6.8(a)	Part 375-6.8(b)
Chrysene	1.04	1	1
Benzo(b)fluoranthene	1.2	1	1
Benzo(k)fluoranthene	1.14	0.8	3.9
Benzo(a)pyrene	1.28	1	1
Indeno(1,2,3-cd)pyrene	0.742	0.5	0.5
Barium	361	350	400
Lead	210	63	400
Mercury	0.553	0.18	0.81
Nickel	37.0	30	310
Zinc	170	109	10,000

S-7	July 17, 2013	Part 375-6.8(a)	Part 375-6.8(b)
Lead	216	63	400
Mercury	1.14	0.18	0.81
Zinc	222	109	10,000

S-5	July 17, 2013	Part 375-6.8(a)	Part 375-6.8(b)
Mercury	0.347	0.18	0.81

S-5A	July 17, 2013	Part 375-6.8(a)	Part 375-6.8(b)
Manganese	1,990	1,600	2,000
Nickel	36.2	30	310

LEGEND

- PROPERTY LINE (ASSUMED)
- MW-1 MONITORING WELL (EXISTING)
- SB-3 SOIL BORING (HILLMANN 7/17/2013)
- SV-3 SOIL VAPOR SAMPLE (HILLMANN 7/17/2013)

ANALYTICAL LEGEND

NOTE: ALL VALUES IN ppm
ONLY THOSE RESULTS EXCEEDING CRITERIA ARE SHOWN.

SAMPLE ID — SAMPLE DATE — CLEANUP CRITERIA

S-5	July 17, 2013	Part 375-6.8(a)	Part 375-6.8(b)
Mercury	0.347	0.18	0.81

PARAMETER — DETECTED CONCENTRATION

ppm.....= PARTS PER MILLION
Part 375-6.8(a)..= Unrestricted Use Soil Cleanup Objectives
Part 375-6.8(b)..= Restricted Residential Soil Cleanup Objectives

NOTES

1. THIS DRAWING WAS PREPARED USING INFORMATION TAKEN FROM:
   USGS AERIAL PHOTOGRAPHY
   AND FROM FIELD MEASUREMENTS BY:
   HILLMANN ENVIRONMENTAL GROUP, LLC

GRAPHIC SCALE
0 FEET 15
1" = 15'

XREF: HEG-132.dwg
Data: HEG-139.xls

FIGURE 6

ANALYTICAL RESULTS EXCEEDING SOIL CLEANUP OBJECTIVES
JULY 17, 2013

3100 WEBSTER AVENUE
BRONX, NEW YORK 10467

REV. No.	DATE	BY	DSGN	CHKD	APPVD

PROJECT MANAGER: C R H | PROJECT NO.: 08-2034

HILLMANN CONSULTING

HILLMANN CONSULTING, LLC
1690 Route 22 East, Union NJ 07083
908.688.7800 (office) - 908.688.3441 (fax)
www.hillmannconsulting.com

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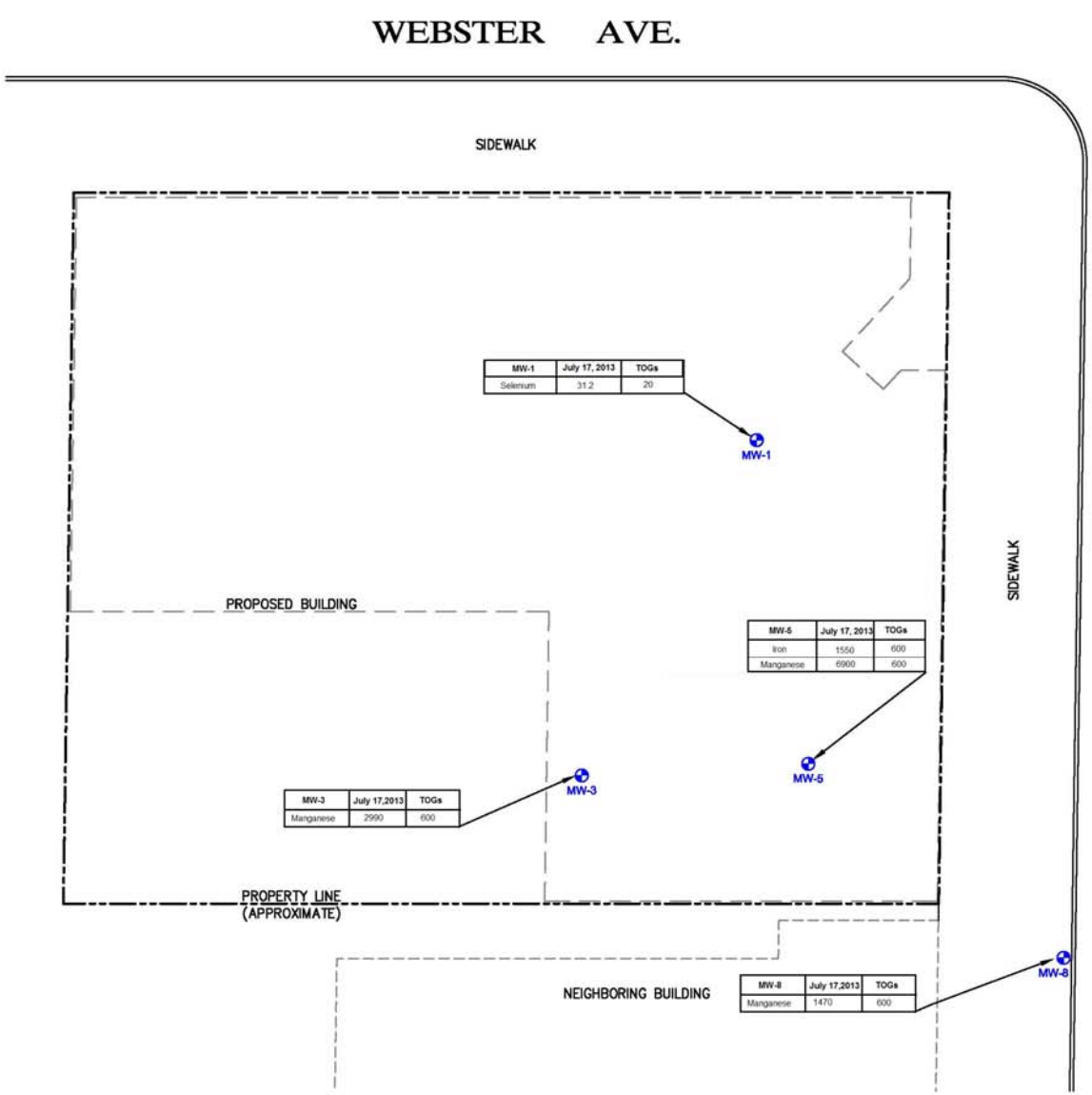
EBCO/09-11-13		HEG-139



LEGEND

PROPERTY LINE (ASSUMED)

MW-1 MONITORING WELL (EXISTING)

ANALYTICAL LEGEND

NOTE: ALL VALUES IN ppb
ONLY THOSE RESULTS EXCEEDING CRITERIA ARE SHOWN.

SAMPLE ID — SAMPLE DATE — CLEANUP CRITERIA

MW-3	July 17, 2013	TOGs
Total Xylenes	1,740	5

PARAMETER — DETECTED CONCENTRATION

ppb.....= PARTS PER BILLION
TOGs.....= GROUNDWATER EFFLUENT LIMITATIONS (CLASS GA)

NOTES

1. THIS DRAWING WAS PREPARED USING INFORMATION TAKEN FROM:
   USGS AERIAL PHOTOGRAPHY
   AND FROM FIELD MEASUREMENTS BY:
   HILLMANN ENVIRONMENTAL GROUP, LLC

GRAPHIC SCALE
0 FEET 15
1" = 15'

XREF: HEG-132.dwg
Data: HEG-140.xls

FIGURE 7

ANALYTICAL RESULTS EXCEEDING GROUNDWATER EFFLUENT LIMITATIONS
JULY 17, 2013

3100 WEBSTER AVENUE
BRONX, NEW YORK 10467

PROJECT MANAGER	C R H	PROJECT NO.	08-2034

HILLMANN CONSULTING

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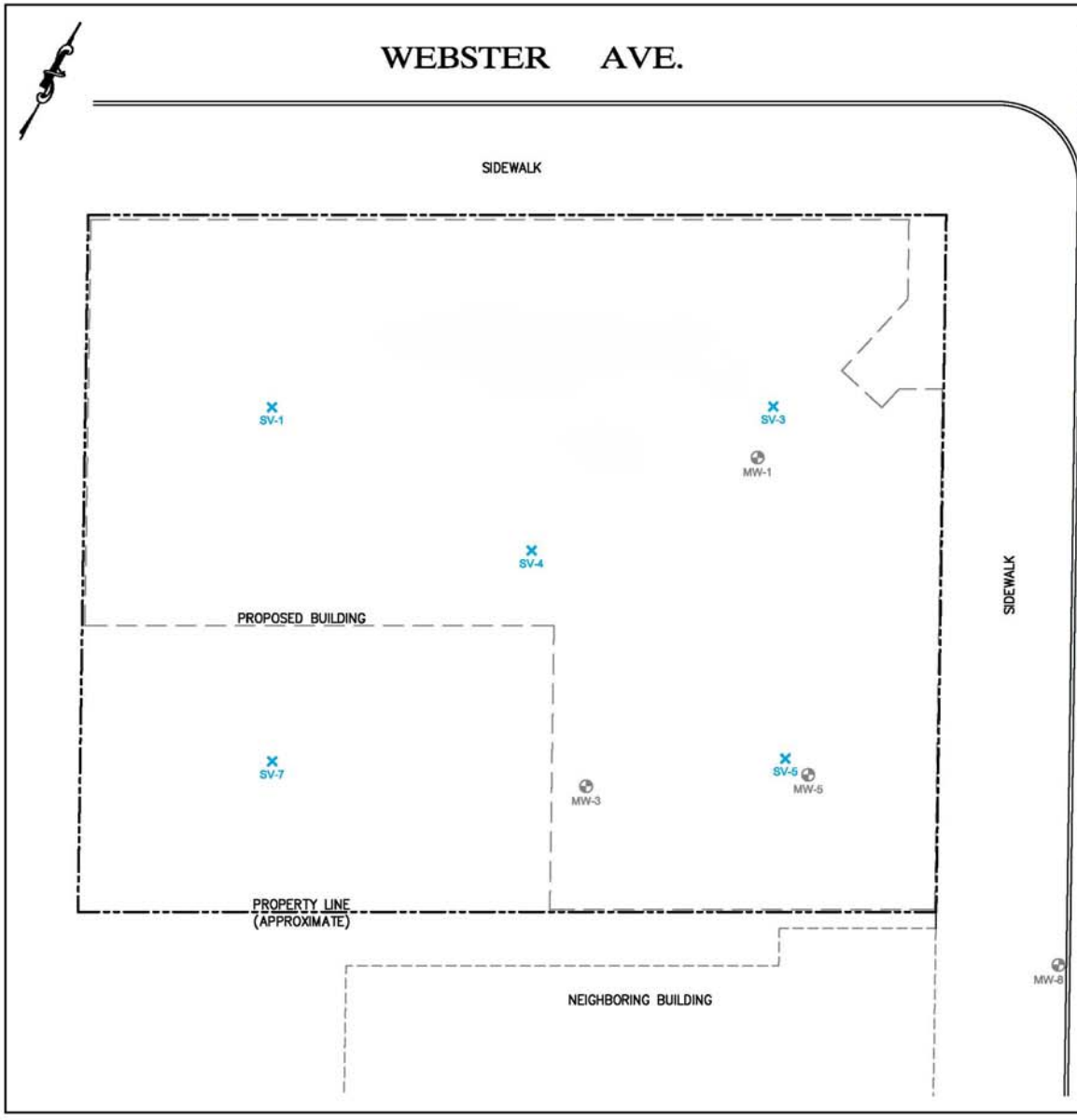
DRAWN BY/DATE	APPROVED/DATE	DRAWING NUMBER
EBCO/09-11-13		HEG-140

REV. No. | DATE | BY | DSGN | DRWN | CHKD | APPVD



Compound	NYSDOH Air Guidance Value	SV-1	SV-3	SV-4	SV-5	SV-7
Acetone	NS	990	140	ND	450	ND
Benzene	NS	69	16	2000	37	42
Bromoform	NS	ND	2.5	ND	ND	ND
Chlorobenzene	NS	7.6	1.5	ND	ND	ND
Chloroform	NS	3.0	1.8	ND	ND	ND
Carbon disulfide	NS	9.3	1.7	ND	17	50
Carbon tetrachloride	NS	1.0	1.7	ND	1.1	ND
Cyclohexane	NS	91	5.5	1100	6.6	1200
Dibromochloromethane	NS	ND	2.3	ND	ND	ND
1,2-Dibromoethane	NS	ND	2.1	ND	ND	ND
1,2-Dichlorobenzene	NS	ND	1.7	ND	ND	ND
1,3-Dichlorobenzene	NS	1.9	2.0	ND	1.8	ND
1,4-Dichlorobenzene	NS	ND	1.9	ND	1.2	ND
Dichlorodifluoromethane	NS	4.8	3.7	ND	ND	ND
1,2-Dichloroethane	NS	3.3	1.1	200	ND	110
1,2-Dichloropropane	NS	ND	1.1	ND	ND	ND
1,3-Dichloropropene (cis)	NS	ND	0.91	ND	ND	ND
1,3-Dichloropropene - TOTAL	NS	ND	0.91	ND	ND	ND
Ethylbenzene	NS	200	22	8000	63	87
n-Heptane	NS	180	27	3500	85	3900
1,3-Hexachlorobutadiene	NS	ND	2.8	ND	ND	ND
n-Hexane	NS	180	28	4600	160	9200
Methylene chloride	60	ND	130	ND	ND	ND
Methyl ethyl ketone	NS	100	21	ND	28	ND
Methyl isobutyl ketone	NS	82	5.4	ND	4.4	ND
Methyl tert-butyl ether	NS	8.0	1.8	3200	2.2	ND
Styrene	NS	4.0	2.3	ND	2.8	ND
Tert-butyl alcohol	NS	70	9.7	240	14	64
Tetrachloroethene	100	99	10	ND	19	95
Toluene	ND	290	150	1600	170	310
1,2,4-Trichlorobenzene	NS	ND	2.2	ND	ND	ND
1,1,1-Trichloroethane	NS	4.1	1.2	ND	1.9	ND
Trichloroethene	5	0.97	1.0	ND	1.0	ND
Trichlorofluoromethane	NS	2.8	6.1	ND	2.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	ND	3.1	ND	ND	ND
1,2,4-Trimethylbenzene	NS	140	21	1300	67	74
1,3,5-Trimethylbenzene	NS	56	6.8	770	20	ND
2,2,4-Trimethylpentane	NS	1100	20	12000	16	17000
Xylenes (m&p)	NS	910	80	2200	140	210
Xylenes (o)	NS	260	21	4300	41	54
Xylenes - TOTAL	NS	1170	101	6500	181	264

NOTES

1. THIS DRAWING WAS PREPARED USING INFORMATION TAKEN FROM: USGS AERIAL PHOTOGRAPHY AND FROM FIELD MEASUREMENTS BY: HILLMANN ENVIRONMENTAL GROUP, LLC

GRAPHIC SCALE
0 FEET 15
1" = 15'

LEGEND

- PROPERTY LINE (ASSUMED)
- MW-1 MONITORING WELL (EXISTING)
- SV-3 SOIL VAPOR SAMPLE (HILLMANN 7/17/2013)

XREF: HEG-132.dwg
Data: HEG-141.xls

FIGURE 8

Soil Vapor Results Compared to NYDOH Air Guidance Values
July 17th 2013

3100 WEBSTER AVENUE
BRONX, NEW YORK 10467

PROJECT MANAGER	C R H	PROJECT NO.	08-2034

HILLMANN CONSULTING

HILLMANN CONSULTING, LLC
1600 Route 22 East, Union NJ 07083
908.688.7800 (office) - 908.688.2441 (fax)
www.hillmannconsulting.com

REV. No.	DATE	BY	DSGN	CHKD	APPRD

DRAWN BY/DATE	APPROVED/DATE	DRAWING NUMBER
EBCO/09-11-13		HEG-141

SUMMARY OF RECOVERY WELL GAUGING DATA
July 17, 2013

Well ID	TOP OF CASING (feet amsl)	DTW (feet bgs)	TDW (feet bgs)	Groundwater Elevation (feet amsl)
MW 1	93.74	10.80	23.00	11.70
MW 3	92.57	12.40	19.50	13.30
MW 5	93.69	13.90	20.00	14.70
MW 8	94.05	5.00	14.00	15.60

Notes:

amsl - feet above mean sea level
bgs - feet below ground surface
DTW - Depth to Water
ID - identifier
TDW - Total Depth of Well
TOC - Top of Casing

Hillmann Consulting, LLC
Project Name: 3100 WEBSTER AVE - G6-2034
IAL SDG No:E13-06816

	Part 375-6.8(b) Restricted Residential Soil Cleanup Objectives (ppm)	Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (ppm)	S-1				S-1A				S-2				S-2A			
Volatiles			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Dichlorodifluoromethane	NS	NS	ND		0.00112	0.000627	ND		0.0012	0.000672	ND		0.00111	0.000622	ND		1.06	0.666
Chloromethane	NS	NS	ND		0.00112	0.000325	ND		0.0012	0.000348	ND		0.00111	0.000322	ND		1.06	0.423
Vinyl chloride	0.9	0.02	ND		0.00112	0.000437	ND		0.0012	0.000468	ND		0.00111	0.000433	ND		**1.06**	**0.560**
Bromomethane	NS	NS	ND		0.00112	0.000538	ND		0.0012	0.000576	ND		0.00111	0.000533	ND		1.06	0.454
Chloroethane	NS	NS	ND		0.00112	0.000414	ND		0.0012	0.000444	ND		0.00111	0.000411	ND		1.06	0.475
Trichlorofluoromethane	NS	NS	ND		0.00112	0.000336	ND		0.0012	0.00036	ND		0.00111	0.000333	ND		1.06	0.592
1,1-Dichloroethene	100	0.33	ND		0.00112	0.000459	ND		0.0012	0.000492	ND		0.00111	0.000455	ND		**1.06**	**0.412**
Acetone	100	0.05	ND		0.0056	0.000616	ND		0.006	0.00066	ND		0.00555	0.000611	ND		**5.28**	**0.581**
Carbon disulfide	NS	NS	ND		0.00112	0.000347	ND		0.0012	0.000372	ND		0.00111	0.000344	ND		1.06	0.486
Methylene chloride	100	0.05	0.00322	B	0.00224	0.00222	0.00634	B	0.0024	0.00238	0.00478	B	0.00222	0.0022	ND		**2.11**	**2.09**
trans-1,2-Dichloroethene	100	0.19	ND		0.00112	0.000381	ND		0.0012	0.000408	ND		0.00111	0.000377	ND		**1.06**	**0.401**
Methyl tert-butyl ether (MTBE)	100	0.93	ND		0.00112	0.00028	ND		0.0012	0.0003	ND		0.00111	0.000278	ND		**1.06**	0.761
1,1-Dichloroethane	100	0.27	ND		0.00112	0.000336	ND		0.0012	0.00036	ND		0.00111	0.000333	ND		**1.06**	**0.306**
cis-1,2-Dichloroethene	100	0.25	ND		0.00112	0.000314	ND		0.0012	0.000336	ND		0.00111	0.000311	ND		**1.06**	**0.285**
2-Butanone (MEK)	100	0.12	ND		0.00224	0.000325	ND		0.0024	0.000348	ND		0.00222	0.000322	ND		**1.06**	**0.592**
Bromochloromethane	NS	NS	ND		0.00112	0.00028	ND		0.0012	0.0003	ND		0.00111	0.000278	ND		1.06	0.296
Chloroform	49	0.37	ND		0.00112	0.000302	ND		0.0012	0.000324	ND		0.00111	0.0003	ND		**1.06**	**0.391**
1,1,1-Trichloroethane	100	0.68	ND		0.00112	0.000291	ND		0.0012	0.000312	ND		0.00111	0.000289	ND		**1.06**	0.349
Carbon tetrachloride	2.4	0.76	ND		0.00112	0.00028	ND		0.0012	0.0003	ND		0.00111	0.000278	ND		**1.06**	0.380
1,2-Dichloroethane (EDC)	31	0.02	ND		0.00112	0.000246	ND		0.0012	0.000264	ND		0.00111	0.000244	ND		**1.06**	**0.391**
Benzene	4.8	0.06	ND		0.00112	0.000302	ND		0.0012	0.000324	ND		0.00111	0.0003	**0.353**	J	**1.06**	**0.264**
Trichloroethene	21	0.47	ND		0.00112	0.000381	ND		0.0012	0.000408	ND		0.00111	0.000377	ND		**1.06**	0.232
1,2-Dichloropropane	NS	NS	ND		0.00112	0.000291	ND		0.0012	0.000312	ND		0.00111	0.000289	ND		1.06	0.254
1,4-Dioxane	13	0.1	ND		**0.224**	0.013	ND		**0.240**	0.014	ND		**0.222**	0.013	ND		**211**	**20.1**
Bromodichloromethane	NS	NS	ND		0.00112	0.000235	ND		0.0012	0.000252	ND		0.00111	0.000233	ND		1.06	0.412
cis-1,3-Dichloropropene	NS	NS	ND		0.00112	0.000235	ND		0.0012	0.000252	ND		0.00111	0.000233	ND		1.06	0.275
4-Methyl-2-pentanone (MIBK)	NS	NS	ND		0.00112	0.000235	ND		0.0012	0.000252	ND		0.00111	0.000233	ND		1.06	0.317
Toluene	100	0.7	ND		0.00112	0.00028	ND		0.0012	0.0003	ND		0.00111	0.000278	0.674	J	**1.06**	0.285
trans-1,3-Dichloropropene	NS	NS	ND		0.00112	0.000246	ND		0.0012	0.000264	ND		0.00111	0.000244	ND		1.06	0.275
1,1,2-Trichloroethane	NS	NS	ND		0.00112	0.000235	ND		0.0012	0.000252	ND		0.00111	0.000233	ND		1.06	0.454
Tetrachloroethene	19	1.3	ND		0.00112	0.00028	ND		0.0012	0.0003	ND		0.00111	0.000278	ND		1.06	0.254
1,3-Dichloropropane	NS	NS	~		0.00112	0.000258	~		0.0012	0.000276	~		0.00111	0.000255	~		1.06	0.349
2-Hexanone	NS	NS	ND		0.00112	0.000302	ND		0.0012	0.000324	ND		0.00111	0.0003	ND		1.06	0.264
Dibromochloromethane	NS	NS	ND		0.00112	0.000235	ND		0.0012	0.000252	ND		0.00111	0.000233	ND		1.06	0.254
1,2-Dibromoethane (EDB)	NS	NS	ND		0.00112	0.000224	ND		0.0012	0.00024	ND		0.00111	0.000222	ND		1.06	0.338
Chlorobenzene	100	1.1	ND		0.00112	0.000314	ND		0.0012	0.000336	ND		0.00111	0.000311	ND		1.06	0.285
Ethylbenzene	49	1	ND		0.00112	0.000314	ND		0.0012	0.000336	ND		0.00111	0.000311	**26.0**		**1.06**	0.380
Total Xylenes	100	0.26	ND		0.00224	0.0009	ND		0.0024	0.00096	ND		0.00222	0.00089	**185**		**2.11**	**0.700**
Styrene	NS	NS	ND		0.00112	0.000246	ND		0.0012	0.000264	ND		0.00111	0.000244	ND		1.06	0.423
Bromoform	NS	NS	ND		0.00112	0.000269	ND		0.0012	0.000288	ND		0.00111	0.000266	ND		1.06	0.254
Isopropylbenzene	NS	NS	ND		0.00112	0.000325	ND		0.0012	0.000348	ND		0.00111	0.000322	4.47		1.06	0.338
1,1,2,2-Tetrachloroethane	NS	NS	ND		0.00112	0.000258	ND		0.0012	0.000276	ND		0.00111	0.000255	ND		1.06	0.275
1,2,3-Trichloropropane	NS	NS	~		0.00112	0.000459	~		0.0012	0.000492	~		0.00111	0.000455	~		1.06	0.370
1,3-Dichlorobenzene	49	2.4	ND		0.00112	0.000269	ND		0.0012	0.000288	ND		0.00111	0.000266	ND		1.06	0.285
4-Isopropyltoluene	NS	NS	~		0.00112	0.000302	~		0.0012	0.000324	~		0.00111	0.0003	~		1.06	0.254
1,4-Dichlorobenzene	13	1.8	ND		0.00112	0.000224	ND		0.0012	0.00024	ND		0.00111	0.000222	ND		1.06	0.317
1,2-Dichlorobenzene	100	1.1	ND		0.00112	0.000314	ND		0.0012	0.000336	ND		0.00111	0.000311	ND		1.06	0.264
1,2-Dibromo-3-chloropropane	NS	NS	ND		0.00112	0.000224	ND		0.0012	0.00024	ND		0.00111	0.000222	ND		1.06	0.644
1,2,4-Trichlorobenzene	NS	NS	ND		0.00112	0.000291	ND		0.0012	0.000312	ND		0.00111	0.000289	ND		1.06	0.423
1,2,3-Trichlorobenzene	NS	NS	ND		0.00112	0.000358	ND		0.0012	0.000384	ND		0.00111	0.000355	ND		1.06	0.465
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	ND		0.00112	0.000414	ND		0.0012	0.000444	ND		0.00111	0.000411	ND		1.06	0.528
Methyl acetate	NS	NS	ND		0.00224	0.000246	ND		0.0024	0.000264	ND		0.00222	0.000244	ND		2.11	0.634
Cyclohexane	NS	NS	ND		0.00224	0.000437	ND		0.0024	0.000468	ND		0.00222	0.000433	ND		5.28	0.401
Methylcyclohexane	NS	NS	ND		0.00112	0.000403	ND		0.0012	0.000432	ND		0.00111	0.0004	12.5		1.06	0.380
1,3-Dichloropropene (cis- and trans-)	NS	NS	ND		0.00112	0.000246	ND		0.0012	0.000264	ND		0.00111	0.000244	ND		1.06	0.275
TOTAL VO's:	NS	NS	0.00322	B		NA	0.00634	B		NA	0.00478	B		NA	229	J		NA
Semivolatiles - BNA			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Benzaldehyde	NS	NS	ND		0.035	0.011	ND		0.038	0.012	ND		0.035	0.011	ND		0.036	0.011
Phenol	100	0.33	ND		0.035	0.012	ND		0.038	0.013	ND		0.035	0.012	ND		0.036	0.013
Aniline	NS	NS	~		~	~	~		~	~	~		~	~	~		~	~
Bis(2-chloroethyl) ether	NS	NS	ND		0.035	0.013	ND		0.038	0.014	ND		0.035	0.013	ND		0.036	0.013
2-Chlorophenol	NS	NS	ND		0.035	0.011	ND		0.038	0.012	ND		0.035	0.011	ND		0.036	0.011
2-Methylphenol	100	0.33	ND		0.035	0.011	ND		0.038	0.012	ND		0.035	0.011	ND		0.036	0.011
Bis(2-chloroisopropyl) ether	NS	NS	ND		0.035	0.016	ND		0.038	0.018	ND		0.035	0.016	ND		0.036	0.017
4-Methylphenol **	NS	0.33	ND		0.035	0.012	ND		0.038	0.013	ND		0.035	0.012	ND		0.036	0.012
N-Nitrosodi-n-propylamine	NS	NS	ND		0.035	0.013	ND		0.038	0.014	ND		0.035	0.013	ND		0.036	0.013
Acetophenone	NS	NS	ND		0.035	0.013	ND		0.038	0.014	ND		0.035	0.013	ND		0.036	0.013
Hexachloroethane	NS	NS	ND		0.035	0.010	ND		0.038	0.011	ND		0.035	0.010	ND		0.036	0.010
Nitrobenzene	NS	NS	ND		0.035	0.012	ND		0.038	0.013	ND		0.035	0.012	ND		0.036	0.013
Isophorone	NS	NS	ND		0.035	0.016	ND		0.038	0.018	ND		0.035	0.016	ND		0.036	0.017
2-Nitrophenol	NS	NS	ND		0.035	0.013	ND		0.038	0.014	ND		0.035	0.013	ND		0.036	0.013
2,4-Dimethylphenol	NS	NS	ND		0.035	0.011	ND		0.038	0.012	ND		0.035	0.011	ND		0.036	0.011
Bis(2-chloroethoxy) methane	NS	NS	ND		0.035	0.010	ND		0.038	0.011	ND		0.035	0.010	ND		0.036	0.011
Benzoic acid	NS	NS	~		~	~	~		~	~	~		~	~	~		~	~
2,4-Dichlorophenol	NS	NS	ND		0.035	0.011	ND		0.038	0.012	ND		0.035	0.011	ND		0.036	0.011
Naphthalene	100	12	ND		0.035	0.010	ND		0.038	0.011	0.072		0.035	0.010	7.33	D	0.071	0.020
4-Chloroaniline	NS	NS	ND		0.035	0.010	ND		0.038	0.011	ND		0.035	0.010	ND		0.036	0.011
Hexachlorobutadiene	NS	NS	ND		0.035	0.010	ND		0.038	0.011	ND		0.035	0.010	ND		0.036	0.011
Caprolactam	NS	NS	ND		0.035	0.018	ND		0.038	0.019	ND		0.035	0.018	ND		0.036	0.018
4-Chloro-3-methylphenol	NS	NS	ND		0.035	0.012	ND		0.038	0.013	ND		0.035	0.012	ND		0.036	0.012
2-Methylnaphthalene	NS	NS	ND		0.035	0.015	ND		0.038	0.016	0.028	J	0.035	0.015	8.40	D	0.071	0.031
Hexachlorocyclopentadiene	NS	NS	ND		0.035	0.010	ND		0.038	0.011	ND		0.035	0.010	ND		0.036	0.011
2,4,6-Trichlorophenol	NS	NS	ND		0.035	0.012	ND		0.038	0.012	ND		0.035	0.012	ND		0.036	0.012
2,4,5-Trichlorophenol	NS	NS	ND		0.035	0.012	ND		0.038	0.013	ND		0.035	0.012	ND		0.036	0.012
1,1'-Biphenyl	NS	NS	ND		0.035	0.011	ND		0.038	0.012	ND		0.035	0.011	0.120		0.036	0.011
2-Chloronaphthalene	NS	NS	ND		0.035	0.012	ND		0.038	0.012	ND		0.035	0.012	ND		0.036	0.012
2-Nitroaniline	NS	NS	ND		0.035	0.018	ND		0.038	0.019	ND		0.035	0.018	ND		0.036	0.018
Dimethyl phthalate	NS	NS	ND		0.035	0.013	ND		0.038	0.014	ND		0.035	0.013	ND		0.036	0.013
2,6-Dinitrotoluene	NS	NS	ND		0.035	0.011	ND		0.038	0.012	ND		0.035	0.011	ND		0.036	0.011
Acenaphthylene	100	100	ND		0.035	0.014	ND		0.038	0.015	0.219		0.035	0.014	0.022	J	0.036	0.015
3-Nitroaniline	NS	NS	ND		0.035	0.014	ND		0.038	0.015	ND		0.035	0.014	ND		0.036	0.014
Acenaphthene	100	20	ND		0.035	0.010	ND		0.038	0.011	0.274		0.035	0.010	0.046		0.036	0.010
2,4-Dinitrophenol	NS	NS	ND		0.035	0.014	ND		0.038	0.015	ND		0.035	0.014	ND		0.036	0.015
4-Nitrophenol	NS	NS	ND		0.035	0.014	ND		0.038	0.015	ND		0.035	0.014	ND		0.036	0.015
2,4-Dinitrotoluene	NS	NS	ND		0.035	0.010	ND		0.038	0.011	ND		0.035	0.010	ND		0.036	0.011
Dibenzofuran	59	7	ND		0.035	0.011	ND		0.038	0.012	0.056		0.035	0.011	0.039		0.036	0.011
Diethyl phthalate	NS	NS	ND		0.035	0.010	ND		0.038	0.011	ND		0.035	0.010	ND		0.036	0.011
Fluorene	100	30	ND		0.035	0.010	ND		0.038	0.011	0.166		0.035	0.010	0.074		0.036	0.011
4-Chlorophenyl phenyl ether	NS	NS	ND		0.035	0.011	ND		0.038	0.012	ND		0.035	0.011	ND		0.036	0.011
4-Nitroaniline	NS	NS	ND		0.035	0.010	ND		0.038	0.011	ND		0.035	0.010	ND		0.036	0.011
1,2,4,5-Tetrachlorobenzene	NS	NS	ND		0.035	0.014	ND		0.038	0.015	ND		0.035	0.014	ND		0.036	0.015
2,3,4,6-Tetrachlorophenol	NS	NS	ND		0.035	0.017	ND		0.038	0.019	ND		0.035	0.017	ND		0.036	0.018
4,6-Dinitro-2-methylphenol	NS	NS	ND		0.035	0.012	ND		0.038	0.013	ND		0.035	0.012	ND		0.036	0.013
N-Nitrosodiphenylamine	NS	NS	ND		0.035	0.011	ND		0.038	0.012	ND		0.035	0.011	ND		0.036	0.011
4-Bromophenyl phenyl ether	NS	NS	ND		0.035	0.012	ND		0.038	0.013	ND		0.035	0.012	ND		0.036	0.012
Hexachlorobenzene	NS	0.33	ND		0.035	0.014	ND		0.038	0.015	ND		0.035	0.014	ND		0.036	0.015
Atrazine	NS	NS	ND		0.035	0.011	ND		0.038	0.012	ND		0.035	0.011	ND		0.036	0.011
Pentachlorophenol	NS	0.8	ND		0.035	0.013	ND		0.038	0.014	ND		0.035	0.013	ND		0.036	0.013
Phenanthrene	100	100	ND		0.035	0.011	ND		0.038	0.011	2.71		0.035	0.011	0.092		0.036	0.011
Anthracene	100	100	ND		0.035	0.014	ND		0.038	0.016	0.728		0.035	0.014	0.026	J	0.036	0.015
Carbazole	NS	NS	ND		0.035	0.014	ND		0.038	0.015	0.230		0.035	0.014	ND		0.036	0.014
Di-n-butyl phthalate	NS	NS	ND		0.035	0.011	ND		0.038	0.012	0.153		0.035	0.011	ND		0.036	0.011
Fluoranthene	100	100	0.023	J	0.035	0.013	ND		0.038	0.014	5.35	D	0.070	0.025	0.023	J	0.036	0.013
Pyrene	100	100	0.024	J	0.035	0.011	ND		0.038	0.012	5.04	D	0.070	0.022	0.036		0.036	0.011
Butyl benzyl phthalate	NS	NS	ND		0.035	0.010	ND		0.038	0.011	ND		0.035	0.010	ND		0.036	0.010
3,3'-Dichlorobenzidine	NS	NS	ND		0.035	0.012	ND		0.038	0.013	ND		0.035	0.012	ND		0.036	0.012
Benzo[a]anthracene	1	1	0.022	J	0.035	0.015	ND		0.038	0.017	**3.36**		0.035	0.015	0.018	J	0.036	0.016
Chrysene	3.9	1	0.020	J	0.035	0.013	ND		0.038	0.014	**3.42**		0.035	0.013	ND		0.036	0.013
Bis(2-ethylhexyl) phthalate	NS	NS	0.030	J	0.035	0.017	0.059		0.038	0.019	0.032	J	0.035	0.017	0.036	J	0.036	0.018
Di-n-octyl phthalate	NS	NS	ND		0.035	0.013	ND		0.038	0.014	ND		0.035	0.013	ND		0.036	0.013
Benzo[b]fluoranthene	1	1	0.032	J	0.035	0.018	ND		0.038	0.019	**4.16**		0.035	0.018	ND		0.036	0.018
Benzo[k]fluoranthene	3.9	0.8	0.020	J	0.035	0.018	ND		0.038	0.020	**3.38**		0.035	0.018	ND		0.036	0.019
Benzo[a]pyrene	1	1	0.027	J	0.035	0.015	ND		0.038	0.017	**4.67**		0.035	0.015	ND		0.036	0.016
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.022	J	0.035	0.010	ND		0.038	0.011	**2.67**		0.035	0.010	ND		0.036	0.010
Dibenz[a,h]anthracene	0.33	0.33	ND		0.035	0.011	ND		0.038	0.012	**0.868**		0.035	0.011	ND		0.036	0.011
Benzo[g,h,i]perylene	100	100	0.022	J	0.035	0.015	ND		0.038	0.016	2.88		0.035	0.015	ND		0.036	0.015
Dinitrotoluene (2,4- and 2,6-)	NS	NS	ND		0.035	0.011	ND		0.038	0.012	ND		0.035	0.011	ND		0.036	0.011
TOTAL BNA'S:	NS	NS	0.242	J		NA	0.059			NA	40.5	JD		NA	16.3	JD		NA

	Part 375-6.8(b) Restricted Residential Soil Cleanup Objectives (ppm)	Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (ppm)	S-1				S-1A				S-2				S-2A			
PCB's			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Aroclor-1016	NS	NS	ND		0.021	0.00852	ND		0.024	0.00957	ND		0.020	0.0081	ND		0.021	0.0085
Aroclor-1221	NS	NS	ND		0.021	0.00852	ND		0.024	0.00957	ND		0.020	0.0081	ND		0.021	0.0085
Aroclor-1232	NS	NS	ND		0.021	0.00852	ND		0.024	0.00957	ND		0.020	0.0081	ND		0.021	0.0085
Aroclor-1242	NS	NS	ND		0.021	0.00852	ND		0.024	0.00957	ND		0.020	0.0081	ND		0.021	0.0085
Aroclor-1248	NS	NS	ND		0.021	0.00852	ND		0.024	0.00957	ND		0.020	0.0081	ND		0.021	0.0085
Aroclor-1254	NS	NS	ND		0.021	0.00852	ND		0.024	0.00957	ND		0.020	0.0081	ND		0.021	0.0085
Aroclor-1260	NS	NS	ND		0.021	0.00852	ND		0.024	0.00957	ND		0.020	0.0081	ND		0.021	0.0085
Aroclor-1262	NS	NS	ND		0.021	0.00852	ND		0.024	0.00957	ND		0.020	0.0081	ND		0.021	0.0085
Aroclor-1268	NS	NS	ND		0.021	0.00852	ND		0.024	0.00957	ND		0.020	0.0081	ND		0.021	0.0085
PCBs	0.1	0.1	ND		0.021	0.00852	ND		0.024	0.00957	ND		0.020	0.0081	ND		0.021	0.0085
Pesticides			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
alpha-BHC	0.48	0.02	ND		0.00426	0.00213	ND		0.00478	0.00239	ND		0.00405	0.00202	ND		0.00425	0.00213
beta-BHC	0.36	0.036	ND		0.00426	0.00213	ND		0.00478	0.00239	ND		0.00405	0.00202	ND		0.00425	0.00213
gamma-BHC (Lindane)	1.3	0.1	ND		0.00426	0.00213	ND		0.00478	0.00239	ND		0.00405	0.00202	ND		0.00425	0.00213
delta-BHC	100	0.04	ND		0.00426	0.00213	ND		0.00478	0.00239	ND		0.00405	0.00202	ND		0.00425	0.00213
Heptachlor	2.1	0.042	ND		0.00426	0.00213	ND		0.00478	0.00239	ND		0.00405	0.00202	ND		0.00425	0.00213
Aldrin	0.097	0.005	ND		0.00426	0.00213	ND		0.00478	0.00239	ND		0.00405	0.00202	ND		0.00425	0.00213
Heptachlor epoxide	NS	NS	ND		0.00426	0.00213	ND		0.00478	0.00239	ND		0.00405	0.00202	ND		0.00425	0.00213
Endosulfan I	24	2.4	ND		0.00426	0.00213	ND		0.00478	0.00239	ND		0.00405	0.00202	ND		0.00425	0.00213
4,4'-DDE	8.9	0.0033	ND		**0.00426**	0.00213	ND		**0.00478**	0.00239	ND		**0.00405**	0.00202	ND		**0.00425**	0.00213
Dieldrin	0.2	0.005	ND		0.00426	0.00213	ND		0.00478	0.00239	ND		0.00405	0.00202	ND		0.00425	0.00213
Endrin	11	0.014	ND		0.00426	0.00213	ND		0.00478	0.00239	ND		0.00405	0.00202	ND		0.00425	0.00213
Endosulfan II	24	2.4	ND		0.00426	0.00213	ND		0.00478	0.00239	ND		0.00405	0.00202	ND		0.00425	0.00213
4,4'-DDD	13	0.0033	ND		**0.00426**	0.00213	ND		**0.00478**	0.00239	ND		**0.00405**	0.00202	ND		**0.00425**	0.00213
Endrin aldehyde	NS	NS	ND		0.00426	0.00213	ND		0.00478	0.00239	ND		0.00405	0.00202	ND		0.00425	0.00213
Endosulfan sulfate	24	2.4	ND		0.00426	0.00213	ND		0.00478	0.00239	ND		0.00405	0.00202	ND		0.00425	0.00213
4,4'-DDT	7.9	0.0033	ND		**0.00426**	0.00213	ND		**0.00478**	0.00239	ND		**0.00405**	0.00202	ND		**0.00425**	0.00213
Endrin ketone	NS	NS	ND		0.00426	0.00213	ND		0.00478	0.00239	ND		0.00405	0.00202	ND		0.00425	0.00213
Methoxychlor	NS	NS	ND		0.00426	0.00213	ND		0.00478	0.00239	ND		0.00405	0.00202	ND		0.00425	0.00213
alpha-Chlordane	4.2	0.094	ND		0.00426	0.00213	ND		0.00478	0.00239	ND		0.00405	0.00202	ND		0.00425	0.00213
gamma-Chlordane	NS	NS	ND		0.00426	0.00213	ND		0.00478	0.00239	ND		0.00405	0.00202	ND		0.00425	0.00213
Toxaphene	NS	NS	ND		0.053	0.025	ND		0.060	0.029	ND		0.051	0.024	ND		0.053	0.025
Endosulfan (I and II)	NS	NS	ND		0.00426	0.00213	ND		0.00478	0.00239	ND		0.00405	0.00202	ND		0.00425	0.00213
Chlordane (alpha and gamma)	NS	NS	ND		0.00426	0.00213	ND		0.00478	0.00239	ND		0.00405	0.00202	ND		0.00425	0.00213
Herbicides (mg/Kg)			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
2,4-D	NS	NS	~		~	~	~		~	~	~		~	~	~		~	~
2,4,5-T	NS	NS	~		~	~	~		~	~	~		~	~	~		~	~
Metals (mg/Kg)			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Aluminum	NS	NS	16000		12.1	6.06	17500		13.2	6.58	20400		11.9	5.95	29300		11.4	5.70
Antimony	NS	NS	ND		1.21	0.303	ND		1.32	0.329	ND		1.19	0.297	ND		1.14	0.285
Arsenic	16	13	1.57		0.606	0.303	2.37		0.658	0.329	5.02		0.595	0.297	1.11		0.570	0.285
Barium	400	350	49.6		12.1	3.03	135		13.2	3.29	235		11.9	2.97	**352**		11.4	2.85
Beryllium	72	7.2	1.96		0.424	0.242	0.475		0.461	0.263	0.278	J	0.416	0.238	ND		0.399	0.228
Cadmium	4.3	2.5	ND		0.606	0.151	ND		0.658	0.164	0.363	J	0.595	0.149	ND		0.570	0.142
Calcium	NS	NS	6940		60.6	30.3	1600		65.8	32.9	8860		59.5	29.7	3500		57.0	28.5
Chromium	NS	NS	28.0		2.42	0.606	44.7		2.63	0.658	87.9		2.38	0.595	153		2.28	0.570
Cobalt	NS	NS	8.22		2.42	0.606	8.18		2.63	0.658	17.9		2.38	0.595	27.9		2.28	0.570
Copper	270	50	10.8		2.42	0.606	12.4		2.63	0.658	**111**		2.38	0.595	**58.2**		2.28	0.570
Iron	NS	NS	22200		30.3	15.1	20500		32.9	16.4	30500		29.7	14.9	47900		28.5	14.2
Lead	400	63	**72.8**		0.606	0.151	6.57		0.658	0.164	**96.2**		0.595	0.149	3.14		0.570	0.142
Magnesium	NS	NS	15400		60.6	15.1	4400		65.8	16.4	10300		59.5	14.9	19200		57.0	14.2
Manganese	2000	1600	583		1.21	0.303	228		1.32	0.329	232		1.19	0.297	538		1.14	0.285
Mercury	0.81	0.18	**0.462**		0.014	0.00674	0.034		0.014	0.00673	**0.722**		0.013	0.00623	0.00811	J	0.014	0.00661
Nickel	310	30	14.0		1.21	0.606	28.1		1.32	0.658	**44.8**		1.19	0.595	**89.6**		1.14	0.570
Potassium	NS	NS	4980		60.6	15.1	1300		65.8	16.4	5380		59.5	14.9	13200		57.0	14.2
Selenium	180	3.9	2.67		2.42	1.21	1.83	J	2.63	1.32	3.56		2.38	1.19	2.79		2.28	1.14
Silver	180	2	ND		0.606	0.151	ND		0.658	0.164	ND		0.595	0.149	ND		0.570	0.142
Sodium	NS	NS	433		121	30.3	385		132	32.9	1180		119	29.7	542		114	28.5
Thallium	NS	NS	0.408	J	0.606	0.151	0.183	J	0.658	0.164	0.342	J	0.595	0.149	0.607		0.570	0.142
Vanadium	NS	NS	30.0		2.42	0.606	39.2		2.63	0.658	119		2.38	0.595	176		2.28	0.570
Zinc	10000	109	60.3		2.42	2.42	42.7		2.63	2.63	**192**		2.38	2.38	**120**		2.28	2.28

6NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives December 2006

Yellow shading Indicates a value between the unrestricted use SCO and the restricted use SCO

Black shading indicated a value above the unrestricted SCO

BOLD RL indicates that the RL is above the Unrestricted use soil cleanup objective

BOLD MDL indicates that the MDL is above the unrestricted use soil cleanup objective

NS = No Standard Available

~ = Sample not analyzed for

ND = Analyzed for but Not Detected at the MDL

J = The concentration was detected at a value below the RL and above the MDL

All qualifiers on individual Volatiles & Semivolatiles are carried down through summation.

J = The concentration was detected at a value below the RL and above the MDL

B = The compound was detected in the blank and the sample

D = The compound was reported from the Diluted analysis

Hillmann Consulting, LLC
Project Name: 3100 WEBSTER AVE - G6-2034
IAL SDG No:E13-06816

	Part 375-6.8(b) Restricted Residential Soil Cleanup Objectives (ppm)	Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (ppm)	S-3				S-3A				S-4				S-4A			
Volatiles			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Dichlorodifluoromethane	NS	NS	ND		0.00107	0.000599	ND		0.00111	0.000622	ND		0.0012	0.000672	ND		0.00099	0.000554
Chloromethane	NS	NS	ND		0.00107	0.00031	ND		0.00111	0.000322	ND		0.0012	0.000348	ND		0.00099	0.000287
Vinyl chloride	0.9	0.02	ND		0.00107	0.000417	ND		0.00111	0.000433	ND		0.0012	0.000468	ND		0.00099	0.000386
Bromomethane	NS	NS	ND		0.00107	0.000514	ND		0.00111	0.000533	ND		0.0012	0.000576	ND		0.00099	0.000475
Chloroethane	NS	NS	ND		0.00107	0.000396	ND		0.00111	0.000411	ND		0.0012	0.000444	ND		0.00099	0.000366
Trichlorofluoromethane	NS	NS	ND		0.00107	0.000321	ND		0.00111	0.000333	ND		0.0012	0.00036	ND		0.00099	0.000297
1,1-Dichloroethene	100	0.33	ND		0.00107	0.000439	ND		0.00111	0.000455	ND		0.0012	0.000492	ND		0.00099	0.000406
Acetone	100	0.05	ND		0.00535	0.000589	ND		0.00555	0.000611	ND		0.006	0.00066	ND		0.00495	0.000545
Carbon disulfide	NS	NS	ND		0.00107	0.000332	ND		0.00111	0.000344	ND		0.0012	0.000372	ND		0.00099	0.000307
Methylene chloride	100	0.05	0.00466	B	0.00214	0.00212	0.00394	B	0.00222	0.0022	0.00581	B	0.0024	0.00238	0.00578	B	0.00198	0.00196
trans-1,2-Dichloroethene	100	0.19	ND		0.00107	0.000364	ND		0.00111	0.000377	ND		0.0012	0.000408	ND		0.00099	0.000337
Methyl tert-butyl ether (MTBE)	100	0.93	ND		0.00107	0.000268	ND		0.00111	0.000278	ND		0.0012	0.0003	0.00066	J	0.00099	0.000248
1,1-Dichloroethane	100	0.27	ND		0.00107	0.000321	ND		0.00111	0.000333	ND		0.0012	0.00036	ND		0.00099	0.000297
cis-1,2-Dichloroethene	100	0.25	ND		0.00107	0.0003	ND		0.00111	0.000311	ND		0.0012	0.000336	ND		0.00099	0.000277
2-Butanone (MEK)	100	0.12	ND		0.00214	0.00031	ND		0.00222	0.000322	ND		0.0024	0.000348	ND		0.00198	0.000287
Bromochloromethane	NS	NS	ND		0.00107	0.000268	ND		0.00111	0.000278	ND		0.0012	0.0003	ND		0.00099	0.000248
Chloroform	49	0.37	ND		0.00107	0.000289	ND		0.00111	0.0003	ND		0.0012	0.000324	ND		0.00099	0.000267
1,1,1-Trichloroethane	100	0.68	ND		0.00107	0.000278	ND		0.00111	0.000289	ND		0.0012	0.000312	ND		0.00099	0.000257
Carbon tetrachloride	2.4	0.76	ND		0.00107	0.000268	ND		0.00111	0.000278	ND		0.0012	0.0003	ND		0.00099	0.000248
1,2-Dichloroethane (EDC)	31	0.02	ND		0.00107	0.000235	ND		0.00111	0.000244	ND		0.0012	0.000264	ND		0.00099	0.000218
Benzene	4.8	0.06	ND		0.00107	0.000289	ND		0.00111	0.0003	ND		0.0012	0.000324	ND		0.00099	0.000267
Trichloroethene	21	0.47	ND		0.00107	0.000364	ND		0.00111	0.000377	ND		0.0012	0.000408	ND		0.00099	0.000337
1,2-Dichloropropane	NS	NS	ND		0.00107	0.000278	ND		0.00111	0.000289	ND		0.0012	0.000312	ND		0.00099	0.000257
1,4-Dioxane	13	0.1	ND		**0.214**	0.012	ND		**0.222**	0.013	ND		**0.240**	0.014	ND		**0.198**	0.011
Bromodichloromethane	NS	NS	ND		0.00107	0.000225	ND		0.00111	0.000233	ND		0.0012	0.000252	ND		0.00099	0.000208
cis-1,3-Dichloropropene	NS	NS	ND		0.00107	0.000225	ND		0.00111	0.000233	ND		0.0012	0.000252	ND		0.00099	0.000208
4-Methyl-2-pentanone (MIBK)	NS	NS	ND		0.00107	0.000225	ND		0.00111	0.000233	ND		0.0012	0.000252	ND		0.00099	0.000208
Toluene	100	0.7	ND		0.00107	0.000268	ND		0.00111	0.000278	ND		0.0012	0.0003	ND		0.00099	0.000248
trans-1,3-Dichloropropene	NS	NS	ND		0.00107	0.000235	ND		0.00111	0.000244	ND		0.0012	0.000264	ND		0.00099	0.000218
1,1,2-Trichloroethane	NS	NS	ND		0.00107	0.000225	ND		0.00111	0.000233	ND		0.0012	0.000252	ND		0.00099	0.000208
Tetrachloroethene	19	1.3	ND		0.00107	0.000268	ND		0.00111	0.000278	ND		0.0012	0.0003	ND		0.00099	0.000248
1,3-Dichloropropane	NS	NS	~		0.00107	0.000246	~		0.00111	0.000255	~		0.0012	0.000276	~		0.00099	0.000228
2-Hexanone	NS	NS	ND		0.00107	0.000289	ND		0.00111	0.0003	ND		0.0012	0.000324	ND		0.00099	0.000267
Dibromochloromethane	NS	NS	ND		0.00107	0.000225	ND		0.00111	0.000233	ND		0.0012	0.000252	ND		0.00099	0.000208
1,2-Dibromoethane (EDB)	NS	NS	ND		0.00107	0.000214	ND		0.00111	0.000222	ND		0.0012	0.00024	ND		0.00099	0.000198
Chlorobenzene	100	1.1	ND		0.00107	0.0003	ND		0.00111	0.000311	ND		0.0012	0.000336	ND		0.00099	0.000277
Ethylbenzene	49	1	ND		0.00107	0.0003	ND		0.00111	0.000311	ND		0.0012	0.000336	ND		0.00099	0.000277
Total Xylenes	100	0.26	ND		0.00214	0.00086	ND		0.00222	0.00089	ND		0.0024	0.00096	ND		0.00198	0.00079
Styrene	NS	NS	ND		0.00107	0.000235	ND		0.00111	0.000244	ND		0.0012	0.000264	ND		0.00099	0.000218
Bromoform	NS	NS	ND		0.00107	0.000257	ND		0.00111	0.000266	ND		0.0012	0.000288	ND		0.00099	0.000238
Isopropylbenzene	NS	NS	ND		0.00107	0.00031	ND		0.00111	0.000322	ND		0.0012	0.000348	ND		0.00099	0.000287
1,1,2,2-Tetrachloroethane	NS	NS	ND		0.00107	0.000246	ND		0.00111	0.000255	ND		0.0012	0.000276	ND		0.00099	0.000228
1,2,3-Trichloropropane	NS	NS	~		0.00107	0.000439	~		0.00111	0.000455	~		0.0012	0.000492	~		0.00099	0.000406
1,3-Dichlorobenzene	49	2.4	ND		0.00107	0.000257	ND		0.00111	0.000266	ND		0.0012	0.000288	ND		0.00099	0.000238
4-Isopropyltoluene	NS	NS	~		0.00107	0.000289	~		0.00111	0.0003	~		0.0012	0.000324	~		0.00099	0.000267
1,4-Dichlorobenzene	13	1.8	ND		0.00107	0.000214	ND		0.00111	0.000222	ND		0.0012	0.00024	ND		0.00099	0.000198
1,2-Dichlorobenzene	100	1.1	ND		0.00107	0.0003	ND		0.00111	0.000311	ND		0.0012	0.000336	ND		0.00099	0.000277
1,2-Dibromo-3-chloropropane	NS	NS	ND		0.00107	0.000214	ND		0.00111	0.000222	ND		0.0012	0.00024	ND		0.00099	0.000198
1,2,4-Trichlorobenzene	NS	NS	ND		0.00107	0.000278	ND		0.00111	0.000289	ND		0.0012	0.000312	ND		0.00099	0.000257
1,2,3-Trichlorobenzene	NS	NS	ND		0.00107	0.000342	ND		0.00111	0.000355	ND		0.0012	0.000384	ND		0.00099	0.000317
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	ND		0.00107	0.000396	ND		0.00111	0.000411	ND		0.0012	0.000444	ND		0.00099	0.000366
Methyl acetate	NS	NS	ND		0.00214	0.000235	ND		0.00222	0.000244	ND		0.0024	0.000264	ND		0.00198	0.000218
Cyclohexane	NS	NS	ND		0.00214	0.000417	ND		0.00222	0.000433	ND		0.0024	0.000468	ND		0.00198	0.000386
Methylcyclohexane	NS	NS	ND		0.00107	0.000385	ND		0.00111	0.0004	ND		0.0012	0.000432	ND		0.00099	0.000356
1,3-Dichloropropene (cis- and trans-)	NS	NS	ND		0.00107	0.000235	ND		0.00111	0.000244	ND		0.0012	0.000264	ND		0.00099	0.000218
TOTAL VO's:	NS	NS	0.00466	B		NA	0.00394	B		NA	0.00581	B		NA	0.00644	JB		NA
Semivolatiles - BNA			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Benzaldehyde	NS	NS	ND		0.036	0.012	ND		0.038	0.012	ND		0.033	0.011	ND		0.035	0.011
Phenol	100	0.33	ND		0.036	0.013	ND		0.038	0.013	ND		0.033	0.012	ND		0.035	0.012
Aniline	NS	NS	~		~	~	~		~	~	~		~	~	~		~	~
Bis(2-chloroethyl) ether	NS	NS	ND		0.036	0.013	ND		0.038	0.014	ND		0.033	0.012	ND		0.035	0.013
2-Chlorophenol	NS	NS	ND		0.036	0.011	ND		0.038	0.012	ND		0.033	0.010	ND		0.035	0.011
2-Methylphenol	100	0.33	ND		0.036	0.011	ND		0.038	0.012	ND		0.033	0.010	ND		0.035	0.011
Bis(2-chloroisopropyl) ether	NS	NS	ND		0.036	0.017	ND		0.038	0.018	ND		0.033	0.016	ND		0.035	0.017
4-Methylphenol **	NS	0.33	0.027	J	0.036	0.012	ND		0.038	0.013	ND		0.033	0.011	ND		0.035	0.012
N-Nitrosodi-n-propylamine	NS	NS	ND		0.036	0.013	ND		0.038	0.014	ND		0.033	0.012	ND		0.035	0.013
Acetophenone	NS	NS	ND		0.036	0.013	ND		0.038	0.014	ND		0.033	0.012	ND		0.035	0.013
Hexachloroethane	NS	NS	ND		0.036	0.010	ND		0.038	0.011	ND		0.033	0.00965	ND		0.035	0.010
Nitrobenzene	NS	NS	ND		0.036	0.013	ND		0.038	0.013	ND		0.033	0.012	ND		0.035	0.012
Isophorone	NS	NS	ND		0.036	0.017	ND		0.038	0.018	ND		0.033	0.016	ND		0.035	0.017
2-Nitrophenol	NS	NS	ND		0.036	0.013	ND		0.038	0.014	ND		0.033	0.012	ND		0.035	0.013
2,4-Dimethylphenol	NS	NS	ND		0.036	0.011	ND		0.038	0.012	ND		0.033	0.010	ND		0.035	0.011
Bis(2-chloroethoxy) methane	NS	NS	ND		0.036	0.011	ND		0.038	0.012	ND		0.033	0.00998	ND		0.035	0.011
Benzoic acid	NS	NS	~		~	~	~		~	~	~		~	~	~		~	~
2,4-Dichlorophenol	NS	NS	ND		0.036	0.011	ND		0.038	0.012	ND		0.033	0.010	ND		0.035	0.011
Naphthalene	100	12	0.312		0.036	0.010	ND		0.038	0.011	0.024	J	0.033	0.00952	ND		0.035	0.010
4-Chloroaniline	NS	NS	ND		0.036	0.011	ND		0.038	0.012	ND		0.033	0.00998	ND		0.035	0.011
Hexachlorobutadiene	NS	NS	ND		0.036	0.011	ND		0.038	0.012	ND		0.033	0.00998	ND		0.035	0.011
Caprolactam	NS	NS	ND		0.036	0.018	ND		0.038	0.019	ND		0.033	0.017	ND		0.035	0.018
4-Chloro-3-methylphenol	NS	NS	ND		0.036	0.012	ND		0.038	0.013	ND		0.033	0.011	ND		0.035	0.012
2-Methylnaphthalene	NS	NS	0.262		0.036	0.015	ND		0.038	0.016	0.024	J	0.033	0.014	ND		0.035	0.015
Hexachlorocyclopentadiene	NS	NS	ND		0.036	0.011	ND		0.038	0.012	ND		0.033	0.00998	ND		0.035	0.011
2,4,6-Trichlorophenol	NS	NS	ND		0.036	0.012	ND		0.038	0.013	ND		0.033	0.011	ND		0.035	0.012
2,4,5-Trichlorophenol	NS	NS	ND		0.036	0.012	ND		0.038	0.013	ND		0.033	0.011	ND		0.035	0.012
1,1'-Biphenyl	NS	NS	0.079		0.036	0.011	ND		0.038	0.012	ND		0.033	0.010	ND		0.035	0.011
2-Chloronaphthalene	NS	NS	ND		0.036	0.012	ND		0.038	0.013	ND		0.033	0.011	ND		0.035	0.012
2-Nitroaniline	NS	NS	ND		0.036	0.018	ND		0.038	0.019	ND		0.033	0.017	ND		0.035	0.018
Dimethyl phthalate	NS	NS	ND		0.036	0.013	ND		0.038	0.014	ND		0.033	0.012	ND		0.035	0.013
2,6-Dinitrotoluene	NS	NS	ND		0.036	0.012	ND		0.038	0.012	ND		0.033	0.011	ND		0.035	0.011
Acenaphthylene	100	100	0.327		0.036	0.015	ND		0.038	0.016	0.039		0.033	0.014	ND		0.035	0.014
3-Nitroaniline	NS	NS	ND		0.036	0.014	ND		0.038	0.015	ND		0.033	0.013	ND		0.035	0.014
Acenaphthene	100	20	2.01		0.036	0.010	ND		0.038	0.011	ND		0.033	0.00971	ND		0.035	0.010
2,4-Dinitrophenol	NS	NS	ND		0.036	0.015	ND		0.038	0.016	ND		0.033	0.014	ND		0.035	0.014
4-Nitrophenol	NS	NS	ND		0.036	0.015	ND		0.038	0.016	ND		0.033	0.014	ND		0.035	0.014
2,4-Dinitrotoluene	NS	NS	ND		0.036	0.011	ND		0.038	0.012	ND		0.033	0.00998	ND		0.035	0.011
Dibenzofuran	59	7	0.896		0.036	0.012	ND		0.038	0.012	ND		0.033	0.011	ND		0.035	0.011
Diethyl phthalate	NS	NS	ND		0.036	0.011	ND		0.038	0.012	ND		0.033	0.00998	ND		0.035	0.011
Fluorene	100	30	1.48		0.036	0.011	ND		0.038	0.012	0.014	J	0.033	0.00995	ND		0.035	0.011
4-Chlorophenyl phenyl ether	NS	NS	ND		0.036	0.012	ND		0.038	0.012	ND		0.033	0.011	ND		0.035	0.011
4-Nitroaniline	NS	NS	ND		0.036	0.011	ND		0.038	0.012	ND		0.033	0.00998	ND		0.035	0.011
1,2,4,5-Tetrachlorobenzene	NS	NS	ND		0.036	0.015	ND		0.038	0.016	ND		0.033	0.014	ND		0.035	0.014
2,3,4,6-Tetrachlorophenol	NS	NS	ND		0.036	0.018	ND		0.038	0.019	ND		0.033	0.016	ND		0.035	0.017
4,6-Dinitro-2-methylphenol	NS	NS	ND		0.036	0.013	ND		0.038	0.013	ND		0.033	0.012	ND		0.035	0.012
N-Nitrosodiphenylamine	NS	NS	ND		0.036	0.011	ND		0.038	0.012	ND		0.033	0.010	ND		0.035	0.011
4-Bromophenyl phenyl ether	NS	NS	ND		0.036	0.012	ND		0.038	0.013	ND		0.033	0.011	ND		0.035	0.012
Hexachlorobenzene	NS	0.33	ND		0.036	0.015	ND		0.038	0.016	ND		0.033	0.014	ND		0.035	0.014
Atrazine	NS	NS	ND		0.036	0.011	ND		0.038	0.012	ND		0.033	0.010	ND		0.035	0.011
Pentachlorophenol	NS	0.8	ND		0.036	0.013	ND		0.038	0.014	ND		0.033	0.012	ND		0.035	0.013
Phenanthrene	100	100	13.5	D	0.180	0.054	ND		0.038	0.012	0.091		0.033	0.010	ND		0.035	0.011
Anthracene	100	100	3.61	D	0.180	0.075	ND		0.038	0.016	0.041		0.033	0.014	ND		0.035	0.015
Carbazole	NS	NS	1.17		0.036	0.014	ND		0.038	0.015	ND		0.033	0.013	ND		0.035	0.014
Di-n-butyl phthalate	NS	NS	0.015	J	0.036	0.011	ND		0.038	0.012	0.011	J	0.033	0.010	ND		0.035	0.011
Fluoranthene	100	100	18.5	D	0.180	0.064	ND		0.038	0.014	0.245		0.033	0.012	ND		0.035	0.013
Pyrene	100	100	17.0	D	0.180	0.058	ND		0.038	0.012	0.249		0.033	0.011	ND		0.035	0.011
Butyl benzyl phthalate	NS	NS	ND		0.036	0.010	ND		0.038	0.011	ND		0.033	0.00965	ND		0.035	0.010
3,3'-Dichlorobenzidine	NS	NS	ND		0.036	0.012	ND		0.038	0.013	ND		0.033	0.011	ND		0.035	0.012
Benzo[a]anthracene	1	1	**9.07**	D	0.180	0.079	ND		0.038	0.017	0.186		0.033	0.015	ND		0.035	0.015
Chrysene	3.9	1	**8.79**	D	0.180	0.067	ND		0.038	0.014	0.223		0.033	0.012	ND		0.035	0.013
Bis(2-ethylhexyl) phthalate	NS	NS	0.053		0.036	0.018	ND		0.038	0.019	0.026	J	0.033	0.016	0.025	J	0.035	0.017
Di-n-octyl phthalate	NS	NS	ND		0.036	0.013	ND		0.038	0.014	ND		0.033	0.012	ND		0.035	0.013
Benzo[b]fluoranthene	1	1	**10.4**	D	0.180	0.092	ND		0.038	0.020	0.389		0.033	0.017	ND		0.035	0.018
Benzo[k]fluoranthene	3.9	0.8	**8.13**	D	0.180	0.094	ND		0.038	0.020	0.321		0.033	0.017	ND		0.035	0.018
Benzo[a]pyrene	1	1	**11.8**	D	0.180	0.079	ND		0.038	0.017	0.519		0.033	0.015	ND		0.035	0.015
Indeno[1,2,3-cd]pyrene	0.5	0.5	**6.51**	D	0.180	0.052	ND		0.038	0.011	0.483		0.033	0.00965	ND		0.035	0.010
Dibenz[a,h]anthracene	0.33	0.33	**3.33**		0.036	0.011	ND		0.038	0.012	0.174		0.033	0.010	ND		0.035	0.011
Benzo[g,h,i]perylene	100	100	6.96	D	0.180	0.076	ND		0.038	0.016	0.608		0.033	0.014	ND		0.035	0.015
Dinitrotoluene (2,4- and 2,6-)	NS	NS	ND		0.036	0.012	ND		0.038	0.012	ND		0.033	0.011	ND		0.035	0.011
TOTAL BNA'S:	NS	NS	124	JD		NA	ND			NA	3.67	J		NA	0.025	J		NA

	Part 375-6.8(b) Restricted Residential Soil Cleanup Objectives (ppm)	Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (ppm)	S-3				S-3A				S-4				S-4A			
PCB's			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Aroclor-1016	NS	NS	ND		0.022	0.00868	ND		0.022	0.0088	ND		0.021	0.00819	ND		0.020	0.00788
Aroclor-1221	NS	NS	ND		0.022	0.00868	ND		0.022	0.0088	ND		0.021	0.00819	ND		0.020	0.00788
Aroclor-1232	NS	NS	ND		0.022	0.00868	ND		0.022	0.0088	ND		0.021	0.00819	ND		0.020	0.00788
Aroclor-1242	NS	NS	ND		0.022	0.00868	ND		0.022	0.0088	ND		0.021	0.00819	ND		0.020	0.00788
Aroclor-1248	NS	NS	ND		0.022	0.00868	ND		0.022	0.0088	ND		0.021	0.00819	ND		0.020	0.00788
Aroclor-1254	NS	NS	ND		0.022	0.00868	ND		0.022	0.0088	ND		0.021	0.00819	ND		0.020	0.00788
Aroclor-1260	NS	NS	ND		0.022	0.00868	ND		0.022	0.0088	ND		0.021	0.00819	ND		0.020	0.00788
Aroclor-1262	NS	NS	ND		0.022	0.00868	ND		0.022	0.0088	ND		0.021	0.00819	ND		0.020	0.00788
Aroclor-1268	NS	NS	ND		0.022	0.00868	ND		0.022	0.0088	ND		0.021	0.00819	ND		0.020	0.00788
PCBs	0.1	0.1	ND		0.022	0.00868	ND		0.022	0.0088	ND		0.021	0.00819	ND		0.020	0.00788
Pesticides			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
alpha-BHC	0.48	0.02	ND		0.00434	0.00217	ND		0.0044	0.0022	ND		0.00409	0.00205	ND		0.00394	0.00197
beta-BHC	0.36	0.036	ND		0.00434	0.00217	ND		0.0044	0.0022	ND		0.00409	0.00205	ND		0.00394	0.00197
gamma-BHC (Lindane)	1.3	0.1	ND		0.00434	0.00217	ND		0.0044	0.0022	ND		0.00409	0.00205	ND		0.00394	0.00197
delta-BHC	100	0.04	ND		0.00434	0.00217	ND		0.0044	0.0022	ND		0.00409	0.00205	ND		0.00394	0.00197
Heptachlor	2.1	0.042	ND		0.00434	0.00217	ND		0.0044	0.0022	ND		0.00409	0.00205	ND		0.00394	0.00197
Aldrin	0.097	0.005	ND		0.00434	0.00217	ND		0.0044	0.0022	ND		0.00409	0.00205	ND		0.00394	0.00197
Heptachlor epoxide	NS	NS	ND		0.00434	0.00217	ND		0.0044	0.0022	ND		0.00409	0.00205	ND		0.00394	0.00197
Endosulfan I	24	2.4	ND		0.00434	0.00217	ND		0.0044	0.0022	ND		0.00409	0.00205	ND		0.00394	0.00197
4,4'-DDE	8.9	0.0033	ND		**0.00434**	0.00217	ND		**0.0044**	0.0022	ND		**0.00409**	0.00205	ND		**0.00394**	0.00197
Dieldrin	0.2	0.005	ND		0.00434	0.00217	ND		0.0044	0.0022	ND		0.00409	0.00205	ND		0.00394	0.00197
Endrin	11	0.014	ND		0.00434	0.00217	ND		0.0044	0.0022	ND		0.00409	0.00205	ND		0.00394	0.00197
Endosulfan II	24	2.4	ND		0.00434	0.00217	ND		0.0044	0.0022	ND		0.00409	0.00205	ND		0.00394	0.00197
4,4'-DDD	13	0.0033	ND		**0.00434**	0.00217	ND		**0.0044**	0.0022	ND		**0.00409**	0.00205	ND		**0.00394**	0.00197
Endrin aldehyde	NS	NS	ND		0.00434	0.00217	ND		0.0044	0.0022	ND		0.00409	0.00205	ND		0.00394	0.00197
Endosulfan sulfate	24	2.4	ND		0.00434	0.00217	ND		0.0044	0.0022	ND		0.00409	0.00205	ND		0.00394	0.00197
4,4'-DDT	7.9	0.0033	ND		**0.00434**	0.00217	ND		**0.0044**	0.0022	ND		**0.00409**	0.00205	ND		**0.00394**	0.00197
Endrin ketone	NS	NS	ND		0.00434	0.00217	ND		0.0044	0.0022	ND		0.00409	0.00205	ND		0.00394	0.00197
Methoxychlor	NS	NS	ND		0.00434	0.00217	ND		0.0044	0.0022	ND		0.00409	0.00205	ND		0.00394	0.00197
alpha-Chlordane	4.2	0.094	ND		0.00434	0.00217	ND		0.0044	0.0022	ND		0.00409	0.00205	ND		0.00394	0.00197
gamma-Chlordane	NS	NS	ND		0.00434	0.00217	ND		0.0044	0.0022	ND		0.00409	0.00205	ND		0.00394	0.00197
Toxaphene	NS	NS	ND		0.054	0.026	ND		0.055	0.026	ND		0.051	0.025	ND		0.049	0.024
Endosulfan (I and II)	NS	NS	ND		0.00434	0.00217	ND		0.0044	0.0022	ND		0.00409	0.00205	ND		0.00394	0.00197
Chlordane (alpha and gamma)	NS	NS	ND		0.00434	0.00217	ND		0.0044	0.0022	ND		0.00409	0.00205	ND		0.00394	0.00197
Herbicides (mg/Kg)			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
2,4-D	NS	NS	~		~	~	~		~	~	~		~	~	~		~	~
2,4,5-T	NS	NS	~		~	~	~		~	~	~		~	~	~		~	~
Metals (mg/Kg)			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Aluminum	NS	NS	15500		11.8	5.90	16400		13.2	6.58	8420		11.6	5.81	17600		10.6	5.30
Antimony	NS	NS	ND		1.18	0.295	ND		1.32	0.329	ND		1.16	0.291	ND		1.06	0.265
Arsenic	16	13	2.54		0.590	0.295	1.34		0.658	0.329	2.60		0.581	0.291	0.538		0.530	0.265
Barium	400	350	280		11.8	2.95	131		13.2	3.29	104		11.6	2.91	191		10.6	2.65
Beryllium	72	7.2	0.310	J	0.413	0.236	0.448	J	0.461	0.263	0.289	J	0.407	0.232	ND		0.371	0.212
Cadmium	4.3	2.5	0.245	J	0.590	0.148	ND		0.658	0.164	0.319	J	0.581	0.145	ND		0.530	0.133
Calcium	NS	NS	13700		59.0	29.5	1700		65.8	32.9	5550		58.1	29.1	3130		53.0	26.5
Chromium	NS	NS	76.8		2.36	0.590	53.5		2.63	0.658	29.4		2.32	0.581	133		2.12	0.530
Cobalt	NS	NS	11.9		2.36	0.590	6.44		2.63	0.658	5.96		2.32	0.581	15.6		2.12	0.530
Copper	270	50	49.1		2.36	0.590	13.6		2.63	0.658	28.0		2.32	0.581	13.1		2.12	0.530
Iron	NS	NS	26700		29.5	14.8	20700		32.9	16.4	13500		29.1	14.5	28400		26.5	13.3
Lead	400	63	**198**		0.590	0.148	2.49		0.658	0.164	**117**		0.581	0.145	2.15		0.530	0.133
Magnesium	NS	NS	13500		59.0	14.8	4830		65.8	16.4	4240		58.1	14.5	13300		53.0	13.3
Manganese	2000	1600	284		1.18	0.295	259		1.32	0.329	218		1.16	0.291	138		1.06	0.265
Mercury	0.81	0.18	**0.438**		0.014	0.00667	0.047		0.015	0.00713	**0.208**		0.013	0.00642	ND		0.013	0.00636
Nickel	310	30	**35.2**		1.18	0.590	**35.0**		1.32	0.658	19.0		1.16	0.581	**86.3**		1.06	0.530
Potassium	NS	NS	7280		59.0	14.8	3770		65.8	16.4	1870		58.1	14.5	6020		53.0	13.3
Selenium	180	3.9	ND		2.36	1.18	ND		2.63	1.32	ND		2.32	1.16	1.73	J	2.12	1.06
Silver	180	2	ND		0.590	0.148	0.475	J	0.658	0.164	ND		0.581	0.145	ND		0.530	0.133
Sodium	NS	NS	365		118	29.5	167		132	32.9	178		116	29.1	125		106	26.5
Thallium	NS	NS	0.316	J	0.590	0.148	0.251	J	0.658	0.164	ND		0.581	0.145	0.454	J	0.530	0.133
Vanadium	NS	NS	53.6		2.36	0.590	39.3		2.63	0.658	27.1		2.32	0.581	104		2.12	0.530
Zinc	10000	109	**156**		2.36	2.36	47.7		2.63	2.63	**184**		2.32	2.32	107		2.12	2.12

6NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives December 2006

Yellow shading Indicates a value between the unrestricted use SCO and the restrict

Black shading indicated a value above the unrestricted SCO

BOLD RL indicates that the RL is above the Unrestricted use soil cleanup objective

BOLD MDL indicates that the MDL is above the unrestricted use soil cleanup object

NS = No Standard Available

~ = Sample not analyzed for

ND = Analyzed for but Not Detected at the MDL

J = The concentration was detected at a value below the RL and above the MDL

All qualifiers on individual Volatiles & Semivolatiles are carried down through summation.

J = The concentration was detected at a value below the RL and above the MDL

B = The compound was detected in the blank and the sample

D = The compound was reported from the Diluted analysis

Hillmann Consulting, LLC
Project Name: 3100 WEBSTER AVE - G6-2034
IAL SDG No:E13-06816

	Part 375-6.8(b) Restricted Residential Soil Cleanup Objectives (ppm)	Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (ppm)	S-5				S-5A				S-6				S-6A			
Volatiles			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Dichlorodifluoromethane	NS	NS	ND		0.00117	0.000655	ND		0.00115	0.000644	ND		0.00111	0.000622	ND		0.00115	0.000644
Chloromethane	NS	NS	ND		0.00117	0.000339	ND		0.00115	0.000334	ND		0.00111	0.000322	ND		0.00115	0.000334
Vinyl chloride	0.9	0.02	ND		0.00117	0.000456	ND		0.00115	0.000449	ND		0.00111	0.000433	ND		0.00115	0.000449
Bromomethane	NS	NS	ND		0.00117	0.000562	ND		0.00115	0.000552	ND		0.00111	0.000533	ND		0.00115	0.000552
Chloroethane	NS	NS	ND		0.00117	0.000433	ND		0.00115	0.000426	ND		0.00111	0.000411	ND		0.00115	0.000426
Trichlorofluoromethane	NS	NS	ND		0.00117	0.000351	ND		0.00115	0.000345	ND		0.00111	0.000333	ND		0.00115	0.000345
1,1-Dichloroethene	100	0.33	ND		0.00117	0.00048	ND		0.00115	0.000472	ND		0.00111	0.000455	ND		0.00115	0.000472
Acetone	100	0.05	ND		0.00585	0.000644	ND		0.00575	0.000633	ND		0.00555	0.000611	ND		0.00575	0.000633
Carbon disulfide	NS	NS	ND		0.00117	0.000363	ND		0.00115	0.000357	ND		0.00111	0.000344	ND		0.00115	0.000357
Methylene chloride	100	0.05	0.00412	B	0.00234	0.00232	0.00742	B	0.0023	0.00228	0.00475	B	0.00222	0.0022	0.00642	B	0.0023	0.00228
trans-1,2-Dichloroethene	100	0.19	ND		0.00117	0.000398	ND		0.00115	0.000391	ND		0.00111	0.000377	ND		0.00115	0.000391
Methyl tert-butyl ether (MTBE)	100	0.93	ND		0.00117	0.000293	ND		0.00115	0.000288	ND		0.00111	0.000278	ND		0.00115	0.000288
1,1-Dichloroethane	100	0.27	ND		0.00117	0.000351	ND		0.00115	0.000345	ND		0.00111	0.000333	ND		0.00115	0.000345
cis-1,2-Dichloroethene	100	0.25	ND		0.00117	0.000328	ND		0.00115	0.000322	ND		0.00111	0.000311	ND		0.00115	0.000322
2-Butanone (MEK)	100	0.12	ND		0.00234	0.000339	ND		0.0023	0.000334	ND		0.00222	0.000322	ND		0.0023	0.000334
Bromochloromethane	NS	NS	ND		0.00117	0.000293	ND		0.00115	0.000288	ND		0.00111	0.000278	ND		0.00115	0.000288
Chloroform	49	0.37	ND		0.00117	0.000316	ND		0.00115	0.000311	ND		0.00111	0.0003	ND		0.00115	0.000311
1,1,1-Trichloroethane	100	0.68	ND		0.00117	0.000304	ND		0.00115	0.000299	ND		0.00111	0.000289	ND		0.00115	0.000299
Carbon tetrachloride	2.4	0.76	ND		0.00117	0.000293	ND		0.00115	0.000288	ND		0.00111	0.000278	ND		0.00115	0.000288
1,2-Dichloroethane (EDC)	31	0.02	ND		0.00117	0.000257	ND		0.00115	0.000253	ND		0.00111	0.000244	ND		0.00115	0.000253
Benzene	4.8	0.06	ND		0.00117	0.000316	ND		0.00115	0.000311	ND		0.00111	0.0003	ND		0.00115	0.000311
Trichloroethene	21	0.47	ND		0.00117	0.000398	ND		0.00115	0.000391	ND		0.00111	0.000377	ND		0.00115	0.000391
1,2-Dichloropropane	NS	NS	ND		0.00117	0.000304	ND		0.00115	0.000299	ND		0.00111	0.000289	ND		0.00115	0.000299
1,4-Dioxane	13	0.1	ND		**0.234**	0.013	ND		**0.230**	0.013	ND		**0.222**	0.013	ND		**0.230**	0.013
Bromodichloromethane	NS	NS	ND		0.00117	0.000246	ND		0.00115	0.000242	ND		0.00111	0.000233	ND		0.00115	0.000242
cis-1,3-Dichloropropene	NS	NS	ND		0.00117	0.000246	ND		0.00115	0.000242	ND		0.00111	0.000233	ND		0.00115	0.000242
4-Methyl-2-pentanone (MIBK)	NS	NS	ND		0.00117	0.000246	ND		0.00115	0.000242	ND		0.00111	0.000233	ND		0.00115	0.000242
Toluene	100	0.7	ND		0.00117	0.000293	ND		0.00115	0.000288	ND		0.00111	0.000278	ND		0.00115	0.000288
trans-1,3-Dichloropropene	NS	NS	ND		0.00117	0.000257	ND		0.00115	0.000253	ND		0.00111	0.000244	ND		0.00115	0.000253
1,1,2-Trichloroethane	NS	NS	ND		0.00117	0.000246	ND		0.00115	0.000242	ND		0.00111	0.000233	ND		0.00115	0.000242
Tetrachloroethene	19	1.3	ND		0.00117	0.000293	ND		0.00115	0.000288	ND		0.00111	0.000278	ND		0.00115	0.000288
1,3-Dichloropropane	NS	NS	~		0.00117	0.000269	~		0.00115	0.000265	~		0.00111	0.000255	~		0.00115	0.000265
2-Hexanone	NS	NS	ND		0.00117	0.000316	ND		0.00115	0.000311	ND		0.00111	0.0003	ND		0.00115	0.000311
Dibromochloromethane	NS	NS	ND		0.00117	0.000246	ND		0.00115	0.000242	ND		0.00111	0.000233	ND		0.00115	0.000242
1,2-Dibromoethane (EDB)	NS	NS	ND		0.00117	0.000234	ND		0.00115	0.00023	ND		0.00111	0.000222	ND		0.00115	0.00023
Chlorobenzene	100	1.1	ND		0.00117	0.000328	ND		0.00115	0.000322	ND		0.00111	0.000311	ND		0.00115	0.000322
Ethylbenzene	49	1	ND		0.00117	0.000328	ND		0.00115	0.000322	ND		0.00111	0.000311	ND		0.00115	0.000322
Total Xylenes	100	0.26	ND		0.00234	0.00094	ND		0.0023	0.00092	ND		0.00222	0.00089	ND		0.0023	0.00092
Styrene	NS	NS	ND		0.00117	0.000257	ND		0.00115	0.000253	ND		0.00111	0.000244	ND		0.00115	0.000253
Bromoform	NS	NS	ND		0.00117	0.000281	ND		0.00115	0.000276	ND		0.00111	0.000266	ND		0.00115	0.000276
Isopropylbenzene	NS	NS	ND		0.00117	0.000339	ND		0.00115	0.000334	ND		0.00111	0.000322	ND		0.00115	0.000334
1,1,2,2-Tetrachloroethane	NS	NS	ND		0.00117	0.000269	ND		0.00115	0.000265	ND		0.00111	0.000255	ND		0.00115	0.000265
1,2,3-Trichloropropane	NS	NS	~		0.00117	0.00048	~		0.00115	0.000472	~		0.00111	0.000455	~		0.00115	0.000472
1,3-Dichlorobenzene	49	2.4	ND		0.00117	0.000281	ND		0.00115	0.000276	ND		0.00111	0.000266	ND		0.00115	0.000276
4-Isopropyltoluene	NS	NS	~		0.00117	0.000316	~		0.00115	0.000311	~		0.00111	0.0003	~		0.00115	0.000311
1,4-Dichlorobenzene	13	1.8	ND		0.00117	0.000234	ND		0.00115	0.00023	ND		0.00111	0.000222	ND		0.00115	0.00023
1,2-Dichlorobenzene	100	1.1	ND		0.00117	0.000328	ND		0.00115	0.000322	ND		0.00111	0.000311	ND		0.00115	0.000322
1,2-Dibromo-3-chloropropane	NS	NS	ND		0.00117	0.000234	ND		0.00115	0.00023	ND		0.00111	0.000222	ND		0.00115	0.00023
1,2,4-Trichlorobenzene	NS	NS	ND		0.00117	0.000304	ND		0.00115	0.000299	ND		0.00111	0.000289	ND		0.00115	0.000299
1,2,3-Trichlorobenzene	NS	NS	ND		0.00117	0.000374	ND		0.00115	0.000368	ND		0.00111	0.000355	ND		0.00115	0.000368
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	ND		0.00117	0.000433	ND		0.00115	0.000426	ND		0.00111	0.000411	ND		0.00115	0.000426
Methyl acetate	NS	NS	ND		0.00234	0.000257	ND		0.0023	0.000253	ND		0.00222	0.000244	ND		0.0023	0.000253
Cyclohexane	NS	NS	ND		0.00234	0.000456	ND		0.0023	0.000449	ND		0.00222	0.000433	ND		0.0023	0.000449
Methylcyclohexane	NS	NS	ND		0.00117	0.000421	ND		0.00115	0.000414	ND		0.00111	0.0004	ND		0.00115	0.000414
1,3-Dichloropropene (cis- and trans-)	NS	NS	ND		0.00117	0.000257	ND		0.00115	0.000253	ND		0.00111	0.000244	ND		0.00115	0.000253
TOTAL VO's:	NS	NS	0.00412	B		NA	0.00742	B		NA	0.00475	B		NA	0.00642	B		NA
Semivolatiles - BNA			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Benzaldehyde	NS	NS	ND		0.038	0.012	ND		0.040	0.013	ND		0.037	0.012	ND		0.039	0.013
Phenol	100	0.33	ND		0.038	0.013	ND		0.040	0.014	ND		0.037	0.013	ND		0.039	0.014
Aniline	NS	NS	~		~	~	~		~	~	~		~	~	~		~	~
Bis(2-chloroethyl) ether	NS	NS	ND		0.038	0.014	ND		0.040	0.015	ND		0.037	0.014	ND		0.039	0.014
2-Chlorophenol	NS	NS	ND		0.038	0.012	ND		0.040	0.013	ND		0.037	0.011	ND		0.039	0.012
2-Methylphenol	100	0.33	ND		0.038	0.012	ND		0.040	0.013	ND		0.037	0.011	ND		0.039	0.012
Bis(2-chloroisopropyl) ether	NS	NS	ND		0.038	0.018	ND		0.040	0.019	ND		0.037	0.017	ND		0.039	0.019
4-Methylphenol **	NS	0.33	ND		0.038	0.013	ND		0.040	0.014	ND		0.037	0.013	ND		0.039	0.013
N-Nitrosodi-n-propylamine	NS	NS	ND		0.038	0.014	ND		0.040	0.014	ND		0.037	0.013	ND		0.039	0.014
Acetophenone	NS	NS	ND		0.038	0.014	ND		0.040	0.015	ND		0.037	0.014	ND		0.039	0.014
Hexachloroethane	NS	NS	ND		0.038	0.011	ND		0.040	0.012	ND		0.037	0.011	ND		0.039	0.011
Nitrobenzene	NS	NS	ND		0.038	0.013	ND		0.040	0.014	ND		0.037	0.013	ND		0.039	0.014
Isophorone	NS	NS	ND		0.038	0.018	ND		0.040	0.019	ND		0.037	0.017	ND		0.039	0.019
2-Nitrophenol	NS	NS	ND		0.038	0.014	ND		0.040	0.014	ND		0.037	0.013	ND		0.039	0.014
2,4-Dimethylphenol	NS	NS	ND		0.038	0.012	ND		0.040	0.013	ND		0.037	0.011	ND		0.039	0.012
Bis(2-chloroethoxy) methane	NS	NS	ND		0.038	0.011	ND		0.040	0.012	ND		0.037	0.011	ND		0.039	0.012
Benzoic acid	NS	NS	~		~	~	~		~	~	~		~	~	~		~	~
2,4-Dichlorophenol	NS	NS	ND		0.038	0.012	ND		0.040	0.013	ND		0.037	0.011	ND		0.039	0.012
Naphthalene	100	12	0.066		0.038	0.011	ND		0.040	0.012	0.023	J	0.037	0.010	ND		0.039	0.011
4-Chloroaniline	NS	NS	ND		0.038	0.011	ND		0.040	0.012	ND		0.037	0.011	ND		0.039	0.012
Hexachlorobutadiene	NS	NS	ND		0.038	0.011	ND		0.040	0.012	ND		0.037	0.011	ND		0.039	0.012
Caprolactam	NS	NS	ND		0.038	0.019	ND		0.040	0.020	ND		0.037	0.018	ND		0.039	0.020
4-Chloro-3-methylphenol	NS	NS	ND		0.038	0.013	ND		0.040	0.014	ND		0.037	0.013	ND		0.039	0.013
2-Methylnaphthalene	NS	NS	ND		0.038	0.016	ND		0.040	0.017	ND		0.037	0.016	ND		0.039	0.017
Hexachlorocyclopentadiene	NS	NS	ND		0.038	0.011	ND		0.040	0.012	ND		0.037	0.011	ND		0.039	0.012
2,4,6-Trichlorophenol	NS	NS	ND		0.038	0.012	ND		0.040	0.013	ND		0.037	0.012	ND		0.039	0.013
2,4,5-Trichlorophenol	NS	NS	ND		0.038	0.013	ND		0.040	0.014	ND		0.037	0.013	ND		0.039	0.013
1,1'-Biphenyl	NS	NS	ND		0.038	0.012	ND		0.040	0.013	ND		0.037	0.011	ND		0.039	0.012
2-Chloronaphthalene	NS	NS	ND		0.038	0.012	ND		0.040	0.013	ND		0.037	0.012	ND		0.039	0.013
2-Nitroaniline	NS	NS	ND		0.038	0.019	ND		0.040	0.020	ND		0.037	0.018	ND		0.039	0.020
Dimethyl phthalate	NS	NS	ND		0.038	0.014	ND		0.040	0.014	ND		0.037	0.013	ND		0.039	0.014
2,6-Dinitrotoluene	NS	NS	ND		0.038	0.012	ND		0.040	0.013	ND		0.037	0.012	ND		0.039	0.013
Acenaphthylene	100	100	0.019	J	0.038	0.015	ND		0.040	0.017	0.161		0.037	0.015	ND		0.039	0.016
3-Nitroaniline	NS	NS	ND		0.038	0.015	ND		0.040	0.016	ND		0.037	0.015	ND		0.039	0.016
Acenaphthene	100	20	0.023	J	0.038	0.011	ND		0.040	0.012	0.028	J	0.037	0.011	ND		0.039	0.012
2,4-Dinitrophenol	NS	NS	ND		0.038	0.015	ND		0.040	0.017	ND		0.037	0.015	ND		0.039	0.016
4-Nitrophenol	NS	NS	ND		0.038	0.015	ND		0.040	0.017	ND		0.037	0.015	ND		0.039	0.016
2,4-Dinitrotoluene	NS	NS	ND		0.038	0.011	ND		0.040	0.012	ND		0.037	0.011	ND		0.039	0.012
Dibenzofuran	59	7	0.020	J	0.038	0.012	ND		0.040	0.013	0.014	J	0.037	0.012	ND		0.039	0.013
Diethyl phthalate	NS	NS	ND		0.038	0.011	ND		0.040	0.012	ND		0.037	0.011	ND		0.039	0.012
Fluorene	100	30	0.026	J	0.038	0.011	ND		0.040	0.012	0.043		0.037	0.011	ND		0.039	0.012
4-Chlorophenyl phenyl ether	NS	NS	ND		0.038	0.012	ND		0.040	0.013	ND		0.037	0.012	ND		0.039	0.013
4-Nitroaniline	NS	NS	ND		0.038	0.011	ND		0.040	0.012	ND		0.037	0.011	ND		0.039	0.012
1,2,4,5-Tetrachlorobenzene	NS	NS	ND		0.038	0.015	ND		0.040	0.017	ND		0.037	0.015	ND		0.039	0.016
2,3,4,6-Tetrachlorophenol	NS	NS	ND		0.038	0.018	ND		0.040	0.020	ND		0.037	0.018	ND		0.039	0.019
4,6-Dinitro-2-methylphenol	NS	NS	ND		0.038	0.013	ND		0.040	0.014	ND		0.037	0.013	ND		0.039	0.014
N-Nitrosodiphenylamine	NS	NS	ND		0.038	0.012	ND		0.040	0.013	ND		0.037	0.011	ND		0.039	0.012
4-Bromophenyl phenyl ether	NS	NS	ND		0.038	0.013	ND		0.040	0.014	ND		0.037	0.013	ND		0.039	0.013
Hexachlorobenzene	NS	0.33	ND		0.038	0.015	ND		0.040	0.017	ND		0.037	0.015	ND		0.039	0.016
Atrazine	NS	NS	ND		0.038	0.012	ND		0.040	0.013	ND		0.037	0.011	ND		0.039	0.012
Pentachlorophenol	NS	0.8	ND		0.038	0.014	ND		0.040	0.014	ND		0.037	0.013	ND		0.039	0.014
Phenanthrene	100	100	0.272		0.038	0.011	ND		0.040	0.012	0.510		0.037	0.011	ND		0.039	0.012
Anthracene	100	100	0.066		0.038	0.016	ND		0.040	0.017	0.166		0.037	0.015	ND		0.039	0.016
Carbazole	NS	NS	0.042		0.038	0.015	ND		0.040	0.016	0.065		0.037	0.014	ND		0.039	0.015
Di-n-butyl phthalate	NS	NS	0.021	J	0.038	0.012	ND		0.040	0.013	0.015	J	0.037	0.011	ND		0.039	0.012
Fluoranthene	100	100	0.453		0.038	0.013	ND		0.040	0.014	1.62		0.037	0.013	ND		0.039	0.014
Pyrene	100	100	0.513		0.038	0.012	ND		0.040	0.013	1.15		0.037	0.012	ND		0.039	0.013
Butyl benzyl phthalate	NS	NS	ND		0.038	0.011	ND		0.040	0.012	ND		0.037	0.011	ND		0.039	0.011
3,3'-Dichlorobenzidine	NS	NS	ND		0.038	0.013	ND		0.040	0.014	ND		0.037	0.013	ND		0.039	0.013
Benzo[a]anthracene	1	1	0.311		0.038	0.016	ND		0.040	0.018	0.920		0.037	0.016	ND		0.039	0.017
Chrysene	3.9	1	0.322		0.038	0.014	ND		0.040	0.015	**1.04**		0.037	0.014	ND		0.039	0.015
Bis(2-ethylhexyl) phthalate	NS	NS	0.041		0.038	0.018	ND		0.040	0.020	0.019	J	0.037	0.018	ND		0.039	0.019
Di-n-octyl phthalate	NS	NS	ND		0.038	0.014	ND		0.040	0.015	ND		0.037	0.014	ND		0.039	0.014
Benzo[b]fluoranthene	1	1	0.345		0.038	0.019	ND		0.040	0.021	**1.19**		0.037	0.019	ND		0.039	0.020
Benzo[k]fluoranthene	3.9	0.8	0.359		0.038	0.020	ND		0.040	0.021	**1.14**		0.037	0.019	ND		0.039	0.020
Benzo[a]pyrene	1	1	0.407		0.038	0.016	ND		0.040	0.018	**1.28**		0.037	0.016	ND		0.039	0.017
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.211		0.038	0.011	ND		0.040	0.012	**0.742**		0.037	0.011	ND		0.039	0.011
Dibenz[a,h]anthracene	0.33	0.33	0.117		0.038	0.012	ND		0.040	0.013	0.323		0.037	0.011	ND		0.039	0.012
Benzo[g,h,i]perylene	100	100	0.201		0.038	0.016	ND		0.040	0.017	0.748		0.037	0.015	ND		0.039	0.017
Dinitrotoluene (2,4- and 2,6-)	NS	NS	ND		0.038	0.012	ND		0.040	0.013	ND		0.037	0.012	ND		0.039	0.013
TOTAL BNA'S:	NS	NS	3.84	J		NA	ND			NA	11.2	J		NA	ND			NA

Standards are based upon published regulatory information.
Users are encouraged to consult appropriate regulatory sources for current values and updates.
IAL assumes no responsibility for the accuracy of these values.

EDD created on 8/1/13

	Part 375-6.8(b) Restricted Residential Soil Cleanup Objectives (ppm)	Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (ppm)	S-5				S-5A				S-6				S-6A			
PCB's			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Aroclor-1016	NS	NS	ND		0.023	0.009	ND		0.024	0.00949	ND		0.022	0.0087	ND		0.023	0.00917
Aroclor-1221	NS	NS	ND		0.023	0.009	ND		0.024	0.00949	ND		0.022	0.0087	ND		0.023	0.00917
Aroclor-1232	NS	NS	ND		0.023	0.009	ND		0.024	0.00949	ND		0.022	0.0087	ND		0.023	0.00917
Aroclor-1242	NS	NS	ND		0.023	0.009	ND		0.024	0.00949	ND		0.022	0.0087	ND		0.023	0.00917
Aroclor-1248	NS	NS	ND		0.023	0.009	ND		0.024	0.00949	ND		0.022	0.0087	ND		0.023	0.00917
Aroclor-1254	NS	NS	ND		0.023	0.009	ND		0.024	0.00949	ND		0.022	0.0087	ND		0.023	0.00917
Aroclor-1260	NS	NS	ND		0.023	0.009	ND		0.024	0.00949	ND		0.022	0.0087	ND		0.023	0.00917
Aroclor-1262	NS	NS	ND		0.023	0.009	ND		0.024	0.00949	ND		0.022	0.0087	ND		0.023	0.00917
Aroclor-1268	NS	NS	ND		0.023	0.009	ND		0.024	0.00949	ND		0.022	0.0087	ND		0.023	0.00917
PCBs	0.1	0.1	ND		0.023	0.009	ND		0.024	0.00949	ND		0.022	0.0087	ND		0.023	0.00917
Pesticides			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
alpha-BHC	0.48	0.02	ND		0.0045	0.00225	ND		0.00474	0.00237	ND		0.00435	0.00217	ND		0.00458	0.00229
beta-BHC	0.36	0.036	ND		0.0045	0.00225	ND		0.00474	0.00237	ND		0.00435	0.00217	ND		0.00458	0.00229
gamma-BHC (Lindane)	1.3	0.1	ND		0.0045	0.00225	ND		0.00474	0.00237	ND		0.00435	0.00217	ND		0.00458	0.00229
delta-BHC	100	0.04	ND		0.0045	0.00225	ND		0.00474	0.00237	ND		0.00435	0.00217	ND		0.00458	0.00229
Heptachlor	2.1	0.042	ND		0.0045	0.00225	ND		0.00474	0.00237	ND		0.00435	0.00217	ND		0.00458	0.00229
Aldrin	0.097	0.005	ND		0.0045	0.00225	ND		0.00474	0.00237	ND		0.00435	0.00217	ND		0.00458	0.00229
Heptachlor epoxide	NS	NS	ND		0.0045	0.00225	ND		0.00474	0.00237	ND		0.00435	0.00217	ND		0.00458	0.00229
Endosulfan I	24	2.4	ND		0.0045	0.00225	ND		0.00474	0.00237	ND		0.00435	0.00217	ND		0.00458	0.00229
4,4'-DDE	8.9	0.0033	ND		**0.0045**	0.00225	ND		**0.00474**	0.00237	ND		**0.00435**	0.00217	ND		**0.00458**	0.00229
Dieldrin	0.2	0.005	ND		0.0045	0.00225	ND		0.00474	0.00237	ND		0.00435	0.00217	ND		0.00458	0.00229
Endrin	11	0.014	ND		0.0045	0.00225	ND		0.00474	0.00237	ND		0.00435	0.00217	ND		0.00458	0.00229
Endosulfan II	24	2.4	ND		0.0045	0.00225	ND		0.00474	0.00237	ND		0.00435	0.00217	ND		0.00458	0.00229
4,4'-DDD	13	0.0033	ND		**0.0045**	0.00225	ND		**0.00474**	0.00237	ND		**0.00435**	0.00217	ND		**0.00458**	0.00229
Endrin aldehyde	NS	NS	ND		0.0045	0.00225	ND		0.00474	0.00237	ND		0.00435	0.00217	ND		0.00458	0.00229
Endosulfan sulfate	24	2.4	ND		0.0045	0.00225	ND		0.00474	0.00237	ND		0.00435	0.00217	ND		0.00458	0.00229
4,4'-DDT	7.9	0.0033	ND		**0.0045**	0.00225	ND		**0.00474**	0.00237	ND		**0.00435**	0.00217	ND		**0.00458**	0.00229
Endrin ketone	NS	NS	ND		0.0045	0.00225	ND		0.00474	0.00237	ND		0.00435	0.00217	ND		0.00458	0.00229
Methoxychlor	NS	NS	ND		0.0045	0.00225	ND		0.00474	0.00237	ND		0.00435	0.00217	ND		0.00458	0.00229
alpha-Chlordane	4.2	0.094	ND		0.0045	0.00225	ND		0.00474	0.00237	ND		0.00435	0.00217	ND		0.00458	0.00229
gamma-Chlordane	NS	NS	ND		0.0045	0.00225	ND		0.00474	0.00237	ND		0.00435	0.00217	ND		0.00458	0.00229
Toxaphene	NS	NS	ND		0.056	0.027	ND		0.059	0.029	ND		0.054	0.026	ND		0.057	0.027
Endosulfan (I and II)	NS	NS	ND		0.0045	0.00225	ND		0.00474	0.00237	ND		0.00435	0.00217	ND		0.00458	0.00229
Chlordane (alpha and gamma)	NS	NS	ND		0.0045	0.00225	ND		0.00474	0.00237	ND		0.00435	0.00217	ND		0.00458	0.00229
Herbicides (mg/Kg)			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
2,4-D	NS	NS	~		~	~	~		~	~	~		~	~	~		~	~
2,4,5-T	NS	NS	~		~	~	~		~	~	~		~	~	~		~	~
Metals (mg/Kg)			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Aluminum	NS	NS	20800		12.6	6.28	17100		13.4	6.72	19400		12.2	6.12	15000		13.3	6.67
Antimony	NS	NS	ND		1.26	0.314	ND		1.34	0.336	ND		1.22	0.306	ND		1.33	0.333
Arsenic	16	13	4.17		0.628	0.314	9.71		0.672	0.336	3.13		0.612	0.306	4.46		0.667	0.333
Barium	400	350	93.9		12.6	3.14	141		13.4	3.36	**361**		12.2	3.06	113		13.3	3.33
Beryllium	72	7.2	0.703		0.439	0.251	1.07		0.470	0.269	0.342	J	0.428	0.245	0.624		0.467	0.267
Cadmium	4.3	2.5	ND		0.628	0.157	ND		0.672	0.168	0.543	J	0.612	0.153	ND		0.667	0.167
Calcium	NS	NS	3220		62.8	31.4	1710		67.2	33.6	12400		61.2	30.6	1340		66.7	33.3
Chromium	NS	NS	44.1		2.51	0.628	43.0		2.69	0.672	68.3		2.45	0.612	20.0		2.67	0.667
Cobalt	NS	NS	12.1		2.51	0.628	43.6		2.69	0.672	16.1		2.45	0.612	8.05		2.67	0.667
Copper	270	50	29.6		2.51	0.628	13.6		2.69	0.672	39.8		2.45	0.612	9.19		2.67	0.667
Iron	NS	NS	27400		31.4	15.7	53800		33.6	16.8	32300		30.6	15.3	24700		33.3	16.7
Lead	400	63	46.2		0.628	0.157	11.7		0.672	0.168	**210**		0.612	0.153	8.93		0.667	0.167
Magnesium	NS	NS	6480		62.8	15.7	2890		67.2	16.8	12400		61.2	15.3	3480		66.7	16.7
Manganese	2000	1600	481		1.26	0.314	**1990**		1.34	0.336	338		1.22	0.306	382		1.33	0.333
Mercury	0.81	0.18	**0.347**		0.015	0.00697	0.044		0.014	0.00678	**0.553**		0.014	0.00684	0.022		0.016	0.00742
Nickel	310	30	25.3		1.26	0.628	**36.2**		1.34	0.672	**37.0**		1.22	0.612	19.6		1.33	0.667
Potassium	NS	NS	2560		62.8	15.7	938		67.2	16.8	7170		61.2	15.3	1060		66.7	16.7
Selenium	180	3.9	2.46	J	2.51	1.26	3.14		2.69	1.34	1.60	J	2.45	1.22	ND		2.67	1.33
Silver	180	2	ND		0.628	0.157	ND		0.672	0.168	ND		0.612	0.153	ND		0.667	0.167
Sodium	NS	NS	151		126	31.4	101	J	134	33.6	342		122	30.6	96.2	J	133	33.3
Thallium	NS	NS	0.213	J	0.628	0.157	0.191	J	0.672	0.168	0.376	J	0.612	0.153	ND		0.667	0.167
Vanadium	NS	NS	53.6		2.51	0.628	70.3		2.69	0.672	99.4		2.45	0.612	32.6		2.67	0.667
Zinc	10000	109	107		2.51	2.51	75.9		2.69	2.69	**170**		2.45	2.45	42.1		2.67	2.67

6NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives December 2006

Yellow shading Indicates a value between the unrestricted use SCO and the restrict

Black shading indicated a value above the unrestricted SCO

BOLD RL indicates that the RL is above the Unrestricted use soil cleanup objective

BOLD MDL indicates that the MDL is above the unrestricted use soil cleanup object

NS = No Standard Available

~ = Sample not analyzed for

ND = Analyzed for but Not Detected at the MDL

J = The concentration was detected at a value below the RL and above the MDL

All qualifiers on individual Volatiles & Semivolatiles are carried down through summation.

J = The concentration was detected at a value below the RL and above the MDL

B = The compound was detected in the blank and the sample

D = The compound was reported from the Diluted analysis

	Part 375-6.8(b) Restricted Residential Soil Cleanup Objectives (ppm)	Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (ppm)	S-7				S-7A			
Volatiles			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Dichlorodifluoromethane	NS	NS	ND		0.00103	0.000577	ND		0.099	0.062
Chloromethane	NS	NS	ND		0.00103	0.000299	ND		0.099	0.040
Vinyl chloride	0.9	0.02	ND		0.00103	0.000402	ND		**0.099**	**0.052**
Bromomethane	NS	NS	ND		0.00103	0.000494	ND		0.099	0.043
Chloroethane	NS	NS	ND		0.00103	0.000381	ND		0.099	0.045
Trichlorofluoromethane	NS	NS	ND		0.00103	0.000309	ND		0.099	0.056
1,1-Dichloroethene	100	0.33	ND		0.00103	0.000422	ND		0.099	0.039
Acetone	100	0.05	ND		0.00515	0.000567	ND		**0.495**	**0.054**
Carbon disulfide	NS	NS	ND		0.00103	0.000319	ND		0.099	0.046
Methylene chloride	100	0.05	0.0032	B	0.00206	0.00204	ND		**0.198**	**0.196**
trans-1,2-Dichloroethene	100	0.19	ND		0.00103	0.00035	ND		0.099	0.038
Methyl tert-butyl ether (MTBE)	100	0.93	ND		0.00103	0.000258	ND		0.099	0.071
1,1-Dichloroethane	100	0.27	ND		0.00103	0.000309	ND		0.099	0.029
cis-1,2-Dichloroethene	100	0.25	ND		0.00103	0.000288	ND		0.099	0.027
2-Butanone (MEK)	100	0.12	ND		0.00206	0.000299	ND		0.099	0.056
Bromochloromethane	NS	NS	ND		0.00103	0.000258	ND		0.099	0.028
Chloroform	49	0.37	ND		0.00103	0.000278	ND		0.099	0.037
1,1,1-Trichloroethane	100	0.68	ND		0.00103	0.000268	ND		0.099	0.033
Carbon tetrachloride	2.4	0.76	ND		0.00103	0.000258	ND		0.099	0.036
1,2-Dichloroethane (EDC)	31	0.02	ND		0.00103	0.000227	ND		**0.099**	**0.037**
Benzene	4.8	0.06	ND		0.00103	0.000278	ND		**0.099**	0.025
Trichloroethene	21	0.47	ND		0.00103	0.00035	ND		0.099	0.022
1,2-Dichloropropane	NS	NS	ND		0.00103	0.000268	ND		0.099	0.024
1,4-Dioxane	13	0.1	ND		**0.206**	0.012	ND		**19.8**	**1.88**
Bromodichloromethane	NS	NS	ND		0.00103	0.000216	ND		0.099	0.039
cis-1,3-Dichloropropene	NS	NS	ND		0.00103	0.000216	ND		0.099	0.026
4-Methyl-2-pentanone (MIBK)	NS	NS	ND		0.00103	0.000216	ND		0.099	0.030
Toluene	100	0.7	ND		0.00103	0.000258	ND		0.099	0.027
trans-1,3-Dichloropropene	NS	NS	ND		0.00103	0.000227	ND		0.099	0.026
1,1,2-Trichloroethane	NS	NS	ND		0.00103	0.000216	ND		0.099	0.043
Tetrachloroethene	19	1.3	ND		0.00103	0.000258	ND		0.099	0.024
1,3-Dichloropropane	NS	NS	~		0.00103	0.000237	~		0.099	0.033
2-Hexanone	NS	NS	ND		0.00103	0.000278	ND		0.099	0.025
Dibromochloromethane	NS	NS	ND		0.00103	0.000216	ND		0.099	0.024
1,2-Dibromoethane (EDB)	NS	NS	ND		0.00103	0.000206	ND		0.099	0.032
Chlorobenzene	100	1.1	ND		0.00103	0.000288	ND		0.099	0.027
Ethylbenzene	49	1	ND		0.00103	0.000288	0.043	J	0.099	0.036
Total Xylenes	100	0.26	ND		0.00206	0.00082	ND		0.198	0.065
Styrene	NS	NS	ND		0.00103	0.000227	ND		0.099	0.040
Bromoform	NS	NS	ND		0.00103	0.000247	ND		0.099	0.024
Isopropylbenzene	NS	NS	ND		0.00103	0.000299	0.052	J	0.099	0.032
1,1,2,2-Tetrachloroethane	NS	NS	ND		0.00103	0.000237	ND		0.099	0.026
1,2,3-Trichloropropane	NS	NS	~		0.00103	0.000422	~		0.099	0.035
1,3-Dichlorobenzene	49	2.4	ND		0.00103	0.000247	ND		0.099	0.027
4-Isopropyltoluene	NS	NS	~		0.00103	0.000278	~		0.099	0.024
1,4-Dichlorobenzene	13	1.8	ND		0.00103	0.000206	ND		0.099	0.030
1,2-Dichlorobenzene	100	1.1	ND		0.00103	0.000288	ND		0.099	0.025
1,2-Dibromo-3-chloropropane	NS	NS	ND		0.00103	0.000206	ND		0.099	0.060
1,2,4-Trichlorobenzene	NS	NS	ND		0.00103	0.000268	ND		0.099	0.040
1,2,3-Trichlorobenzene	NS	NS	ND		0.00103	0.00033	ND		0.099	0.044
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	ND		0.00103	0.000381	ND		0.099	0.049
Methyl acetate	NS	NS	ND		0.00206	0.000227	ND		0.198	0.060
Cyclohexane	NS	NS	ND		0.00206	0.000402	ND		0.495	0.038
Methylcyclohexane	NS	NS	ND		0.00103	0.000371	ND		0.099	0.036
1,3-Dichloropropene (cis- and trans-)	NS	NS	ND		0.00103	0.000227	ND		0.099	0.026
TOTAL VO's:	NS	NS	0.0032	B		NA	0.094	J		NA
Semivolatiles - BNA			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Benzaldehyde	NS	NS	ND		0.039	0.012	ND		0.039	0.015
Phenol	100	0.33	ND		0.039	0.014	ND		0.039	0.017
Aniline	NS	NS	~		~	~	~		~	~
Bis(2-chloroethyl) ether	NS	NS	ND		0.039	0.014	ND		0.039	0.027
2-Chlorophenol	NS	NS	ND		0.039	0.012	ND		0.039	0.016
2-Methylphenol	100	0.33	ND		0.039	0.012	ND		0.039	0.031
Bis(2-chloroisopropyl) ether	NS	NS	ND		0.039	0.018	ND		0.039	0.014
4-Methylphenol **	NS	0.33	ND		0.039	0.013	ND		0.039	0.022
N-Nitrosodi-n-propylamine	NS	NS	ND		0.039	0.014	ND		0.039	0.026
Acetophenone	NS	NS	ND		0.039	0.014	ND		0.039	0.013
Hexachloroethane	NS	NS	ND		0.039	0.011	ND		0.039	0.011
Nitrobenzene	NS	NS	ND		0.039	0.014	ND		0.039	0.038
Isophorone	NS	NS	ND		0.039	0.018	ND		0.039	0.025
2-Nitrophenol	NS	NS	ND		0.039	0.014	ND		0.039	0.029
2,4-Dimethylphenol	NS	NS	ND		0.039	0.012	ND		0.039	0.031
Bis(2-chloroethoxy) methane	NS	NS	ND		0.039	0.012	ND		0.039	0.033
Benzoic acid	NS	NS	~		~	~	~		~	~
2,4-Dichlorophenol	NS	NS	ND		0.039	0.012	ND		0.039	0.036
Naphthalene	100	12	0.035	J	0.039	0.011	ND		0.039	0.012
4-Chloroaniline	NS	NS	ND		0.039	0.012	ND		0.039	0.037
Hexachlorobutadiene	NS	NS	ND		0.039	0.012	ND		0.039	0.020
Caprolactam	NS	NS	ND		0.039	0.019	ND		0.039	0.013
4-Chloro-3-methylphenol	NS	NS	ND		0.039	0.013	ND		0.039	0.037
2-Methylnaphthalene	NS	NS	0.025	J	0.039	0.017	ND		0.039	0.032
Hexachlorocyclopentadiene	NS	NS	ND		0.039	0.012	ND		0.039	0.026
2,4,6-Trichlorophenol	NS	NS	ND		0.039	0.013	ND		0.039	0.013
2,4,5-Trichlorophenol	NS	NS	ND		0.039	0.013	ND		0.039	0.016
1,1'-Biphenyl	NS	NS	ND		0.039	0.012	ND		0.039	0.012
2-Chloronaphthalene	NS	NS	ND		0.039	0.013	ND		0.039	0.037
2-Nitroaniline	NS	NS	ND		0.039	0.019	ND		0.039	0.024
Dimethyl phthalate	NS	NS	ND		0.039	0.014	ND		0.039	0.012
2,6-Dinitrotoluene	NS	NS	ND		0.039	0.012	ND		0.039	0.023
Acenaphthylene	100	100	0.054		0.039	0.016	ND		0.039	0.027
3-Nitroaniline	NS	NS	ND		0.039	0.015	ND		0.039	0.033
Acenaphthene	100	20	0.046		0.039	0.011	ND		0.039	0.031
2,4-Dinitrophenol	NS	NS	ND		0.039	0.016	ND		0.039	0.023
4-Nitrophenol	NS	NS	ND		0.039	0.016	ND		0.039	0.029
2,4-Dinitrotoluene	NS	NS	ND		0.039	0.012	ND		0.039	0.025
Dibenzofuran	59	7	ND		0.039	0.012	ND		0.039	0.013
Diethyl phthalate	NS	NS	ND		0.039	0.012	ND		0.039	0.029
Fluorene	100	30	0.044		0.039	0.012	ND		0.039	0.021
4-Chlorophenyl phenyl ether	NS	NS	ND		0.039	0.012	ND		0.039	0.018
4-Nitroaniline	NS	NS	ND		0.039	0.012	ND		0.039	0.032
1,2,4,5-Tetrachlorobenzene	NS	NS	ND		0.039	0.016	ND		0.039	0.013
2,3,4,6-Tetrachlorophenol	NS	NS	ND		0.039	0.019	ND		0.039	0.036
4,6-Dinitro-2-methylphenol	NS	NS	ND		0.039	0.014	ND		0.039	0.031
N-Nitrosodiphenylamine	NS	NS	ND		0.039	0.012	ND		0.039	0.019
4-Bromophenyl phenyl ether	NS	NS	ND		0.039	0.013	ND		0.039	0.016
Hexachlorobenzene	NS	0.33	ND		0.039	0.016	ND		0.039	0.031
Atrazine	NS	NS	ND		0.039	0.012	ND		0.039	0.027
Pentachlorophenol	NS	0.8	ND		0.039	0.014	ND		0.039	0.016
Phenanthrene	100	100	0.373		0.039	0.012	ND		0.039	0.026
Anthracene	100	100	0.122		0.039	0.016	ND		0.039	0.039
Carbazole	NS	NS	0.047		0.039	0.015	ND		0.039	0.023
Di-n-butyl phthalate	NS	NS	ND		0.039	0.012	ND		0.039	0.035
Fluoranthene	100	100	0.731		0.039	0.014	ND		0.039	0.016
Pyrene	100	100	0.596		0.039	0.012	ND		0.039	0.029
Butyl benzyl phthalate	NS	NS	ND		0.039	0.011	ND		0.039	0.025
3,3'-Dichlorobenzidine	NS	NS	ND		0.039	0.013	ND		0.039	0.027
Benzo[a]anthracene	1	1	0.444		0.039	0.017	ND		0.039	0.038
Chrysene	3.9	1	0.440		0.039	0.014	ND		0.039	0.027
Bis(2-ethylhexyl) phthalate	NS	NS	0.030	J	0.039	0.019	ND		0.039	0.019
Di-n-octyl phthalate	NS	NS	ND		0.039	0.014	ND		0.039	0.035
Benzo[b]fluoranthene	1	1	0.552		0.039	0.020	ND		0.039	0.024
Benzo[k]fluoranthene	3.9	0.8	0.472		0.039	0.020	ND		0.039	0.037
Benzo[a]pyrene	1	1	0.617		0.039	0.017	ND		0.039	0.014
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.354		0.039	0.011	ND		0.039	0.026
Dibenz[a,h]anthracene	0.33	0.33	0.131		0.039	0.012	ND		0.039	0.029
Benzo[g,h,i]perylene	100	100	0.349		0.039	0.016	ND		0.039	0.035
Dinitrotoluene (2,4- and 2,6-)	NS	NS	ND		0.039	0.012	ND		0.039	0.025
TOTAL BNA'S:	NS	NS	5.46	J		NA	ND			NA

	Part 375-6.8(b) Restricted Residential Soil Cleanup Objectives (ppm)	Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (ppm)	S-7				S-7A			
PCB's			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Aroclor-1016	NS	NS	ND		0.022	0.00873	ND		0.023	0.00908
Aroclor-1221	NS	NS	ND		0.022	0.00873	ND		0.023	0.00908
Aroclor-1232	NS	NS	ND		0.022	0.00873	ND		0.023	0.00908
Aroclor-1242	NS	NS	ND		0.022	0.00873	ND		0.023	0.00908
Aroclor-1248	NS	NS	ND		0.022	0.00873	ND		0.023	0.00908
Aroclor-1254	NS	NS	ND		0.022	0.00873	ND		0.023	0.00908
Aroclor-1260	NS	NS	ND		0.022	0.00873	ND		0.023	0.00908
Aroclor-1262	NS	NS	ND		0.022	0.00873	ND		0.023	0.00908
Aroclor-1268	NS	NS	ND		0.022	0.00873	ND		0.023	0.00908
PCBs	0.1	0.1	ND		0.022	0.00873	ND		0.023	0.00908
Pesticides			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
alpha-BHC	0.48	0.02	ND		0.00437	0.00218	ND		0.00454	0.00227
beta-BHC	0.36	0.036	ND		0.00437	0.00218	ND		0.00454	0.00227
gamma-BHC (Lindane)	1.3	0.1	ND		0.00437	0.00218	ND		0.00454	0.00227
delta-BHC	100	0.04	ND		0.00437	0.00218	ND		0.00454	0.00227
Heptachlor	2.1	0.042	ND		0.00437	0.00218	ND		0.00454	0.00227
Aldrin	0.097	0.005	ND		0.00437	0.00218	ND		0.00454	0.00227
Heptachlor epoxide	NS	NS	ND		0.00437	0.00218	ND		0.00454	0.00227
Endosulfan I	24	2.4	ND		0.00437	0.00218	ND		0.00454	0.00227
4,4'-DDE	8.9	0.0033	ND		**0.00437**	0.00218	ND		**0.00454**	0.00227
Dieldrin	0.2	0.005	ND		0.00437	0.00218	ND		0.00454	0.00227
Endrin	11	0.014	ND		0.00437	0.00218	ND		0.00454	0.00227
Endosulfan II	24	2.4	ND		0.00437	0.00218	ND		0.00454	0.00227
4,4'-DDD	13	0.0033	ND		**0.00437**	0.00218	ND		**0.00454**	0.00227
Endrin aldehyde	NS	NS	ND		0.00437	0.00218	ND		0.00454	0.00227
Endosulfan sulfate	24	2.4	ND		0.00437	0.00218	ND		0.00454	0.00227
4,4'-DDT	7.9	0.0033	ND		**0.00437**	0.00218	ND		**0.00454**	0.00227
Endrin ketone	NS	NS	ND		0.00437	0.00218	ND		0.00454	0.00227
Methoxychlor	NS	NS	ND		0.00437	0.00218	ND		0.00454	0.00227
alpha-Chlordane	4.2	0.094	ND		0.00437	0.00218	ND		0.00454	0.00227
gamma-Chlordane	NS	NS	ND		0.00437	0.00218	ND		0.00454	0.00227
Toxaphene	NS	NS	ND		0.055	0.026	ND		0.057	0.027
Endosulfan (I and II)	NS	NS	ND		0.00437	0.00218	ND		0.00454	0.00227
Chlordane (alpha and gamma)	NS	NS	ND		0.00437	0.00218	ND		0.00454	0.00227
Herbicides (mg/Kg)			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
2,4-D	NS	NS	~		~	~	~		~	~
2,4,5-T	NS	NS	~		~	~	~		~	~
Metals (mg/Kg)			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Aluminum	NS	NS	16200		12.9	6.47	14900		12.9	6.47
Antimony	NS	NS	ND		1.29	0.324	ND		1.29	0.323
Arsenic	16	13	4.36		0.647	0.324	3.50		0.647	0.323
Barium	400	350	152		12.9	3.24	100		12.9	3.23
Beryllium	72	7.2	0.650		0.453	0.259	0.501		0.453	0.259
Cadmium	4.3	2.5	0.385	J	0.647	0.162	ND		0.647	0.162
Calcium	NS	NS	20500		64.7	32.4	1250		64.7	32.3
Chromium	NS	NS	32.5		2.59	0.647	22.3		2.59	0.647
Cobalt	NS	NS	8.51		2.59	0.647	8.65		2.59	0.647
Copper	270	50	30.0		2.59	0.647	11.2		2.59	0.647
Iron	NS	NS	19600		32.4	16.2	22900		32.3	16.2
Lead	400	63	**216**		0.647	0.162	6.57		0.647	0.162
Magnesium	NS	NS	13400		64.7	16.2	3230		64.7	16.2
Manganese	2000	1600	468		1.29	0.324	700		1.29	0.323
Mercury	0.81	0.18	**1.14**		0.015	0.00724	0.050		0.015	0.00736
Nickel	310	30	19.6		1.29	0.647	22.8		1.29	0.647
Potassium	NS	NS	1800		64.7	16.2	1350		64.7	16.2
Selenium	180	3.9	1.86	J	2.59	1.29	1.77	J	2.59	1.29
Silver	180	2	ND		0.647	0.162	ND		0.647	0.162
Sodium	NS	NS	176		129	32.4	113	J	129	32.3
Thallium	NS	NS	0.201	J	0.647	0.162	ND		0.647	0.162
Vanadium	NS	NS	38.4		2.59	0.647	30.5		2.59	0.647
Zinc	10000	109	**222**		2.59	2.59	35.3		2.59	2.59

6NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives December 2006

Yellow shading Indicates a value between the unrestricted use SCO and the restrict

Black shading indicated a value above the unrestricted SCO

BOLD RL indicates that the RL is above the Unrestricted use soil cleanup objective

BOLD MDL indicates that the MDL is above the unrestricted use soil cleanup object

NS = No Standard Available

~ = Sample not analyzed for

ND = Analyzed for but Not Detected at the MDL

J = The concentration was detected at a value below the RL and above the MDL

All qualifiers on individual Volatiles & Semivolatiles are carried down through summation.

J = The concentration was detected at a value below the RL and above the MDL

B = The compound was detected in the blank and the sample

D = The compound was reported from the Diluted analysis

Hillmann Consulting, LLC
Project Name: 3100 WEBSTER AVE - G6-2034
IAL SDG No:E13-06816

	TOGs	MW-1				MW-3				MW-5				MW-8				FIELD BLANK			
	Groundwater																				
	Effluent																				
	Limitations (Class GA)																				
Volatiles (ug/L)		**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Dichlorodifluoromethane	5	ND		1.00	0.550	ND		**10.0**	**5.50**	ND		5.00	2.75	ND		1.00	0.550	ND		1.00	0.550
Chloromethane	5	ND		1.00	0.340	ND		**10.0**	3.40	ND		5.00	1.70	ND		1.00	0.340	ND		1.00	0.340
Vinyl chloride	2	ND		1.00	0.500	ND		**10.0**	**5.00**	ND		**5.00**	**2.50**	ND		1.00	0.500	ND		1.00	0.500
Bromomethane	5	ND		1.00	0.400	ND		**10.0**	4.00	ND		5.00	2.00	ND		1.00	0.400	ND		1.00	0.400
Chloroethane	5	ND		1.00	0.470	ND		**10.0**	4.70	ND		5.00	2.35	ND		1.00	0.470	ND		1.00	0.470
Trichlorofluoromethane	5	ND		1.00	0.530	ND		**10.0**	**5.30**	ND		5.00	2.65	ND		1.00	0.530	ND		1.00	0.530
1,1-Dichloroethene	5	ND		1.00	0.550	ND		**10.0**	**5.50**	ND		5.00	2.75	ND		1.00	0.550	ND		1.00	0.550
Acetone	50	ND		5.00	0.410	ND		50.0	4.10	ND		25.0	2.05	ND		5.00	0.410	ND		5.00	0.410
Carbon disulfide	60	ND		1.00	0.490	ND		10.0	4.90	ND		5.00	2.45	ND		1.00	0.490	ND		1.00	0.490
Methylene chloride	50	ND		2.00	1.98	ND		20.0	19.8	ND		10.0	9.90	ND		2.00	1.98	ND		2.00	1.98
trans-1,2-Dichloroethene	5	ND		1.00	0.430	ND		**10.0**	4.30	ND		5.00	2.15	ND		1.00	0.430	ND		1.00	0.430
Methyl tert-butyl ether (MTBE)	10	2.47		1.00	0.250	ND		10.0	2.50	ND		5.00	1.25	ND		1.00	0.250	ND		1.00	0.250
1,1-Dichloroethane	5	ND		1.00	0.330	ND		**10.0**	3.30	ND		5.00	1.65	ND		1.00	0.330	ND		1.00	0.330
cis-1,2-Dichloroethene	5	ND		1.00	0.210	ND		**10.0**	2.10	ND		5.00	1.05	ND		1.00	0.210	ND		1.00	0.210
2-Butanone (MEK)	50	ND		1.00	0.270	ND		10.0	2.70	ND		5.00	1.35	ND		1.00	0.270	ND		1.00	0.270
Bromochloromethane	5	ND		1.00	0.270	ND		**10.0**	2.70	ND		5.00	1.35	ND		1.00	0.270	ND		1.00	0.270
Chloroform	7	ND		1.00	0.280	ND		**10.0**	2.80	ND		5.00	1.40	ND		1.00	0.280	ND		1.00	0.280
1,1,1-Trichloroethane	5	ND		1.00	0.390	ND		**10.0**	3.90	ND		5.00	1.95	ND		1.00	0.390	ND		1.00	0.390
Carbon tetrachloride	5	ND		1.00	0.480	ND		**10.0**	4.80	ND		5.00	2.40	ND		1.00	0.480	ND		1.00	0.480
1,2-Dichloroethane (EDC)	0.6	ND		**1.00**	0.210	ND		**10.0**	**2.10**	ND		**5.00**	**1.05**	ND		**1.00**	0.210	ND		**1.00**	0.210
Benzene	1	ND		1.00	0.240	ND		**10.0**	**2.40**	**1.87**	J	**5.00**	**1.20**	ND		1.00	0.240	ND		1.00	0.240
Trichloroethene	5	ND		1.00	0.270	ND		**10.0**	2.70	ND		5.00	1.35	ND		1.00	0.270	ND		1.00	0.270
1,2-Dichloropropane	1	ND		1.00	0.240	ND		**10.0**	**2.40**	ND		**5.00**	**1.20**	ND		1.00	0.240	ND		1.00	0.240
1,4-Dioxane	NS	ND		200	31.6	ND		2000	316	ND		1000	158	ND		200	31.6	ND		200	31.6
Bromodichloromethane	50	ND		1.00	0.270	ND		10.0	2.70	ND		5.00	1.35	ND		1.00	0.270	ND		1.00	0.270
cis-1,3-Dichloropropene	NS	ND		1.00	0.330	ND		10.0	3.30	ND		5.00	1.65	ND		1.00	0.330	ND		1.00	0.330
4-Methyl-2-pentanone (MIBK)	NS	ND		1.00	0.290	ND		10.0	2.90	ND		5.00	1.45	ND		1.00	0.290	ND		1.00	0.290
Toluene	5	ND		1.00	0.250	**14.9**		**10.0**	2.50	**11.1**		5.00	1.25	ND		1.00	0.250	ND		1.00	0.250
trans-1,3-Dichloropropene	NS	ND		1.00	0.470	ND		10.0	4.70	ND		5.00	2.35	ND		1.00	0.470	ND		1.00	0.470
1,1,2-Trichloroethane	1	ND		1.00	0.420	ND		**10.0**	**4.20**	ND		**5.00**	**2.10**	ND		1.00	0.420	ND		1.00	0.420
Tetrachloroethene	5	ND		1.00	0.230	ND		**10.0**	2.30	ND		5.00	1.15	ND		1.00	0.230	ND		1.00	0.230
1,3-Dichloropropane	5	ND		1.00	0.350	ND		**10.0**	3.50	ND		5.00	1.75	ND		1.00	0.350	ND		1.00	0.350
2-Hexanone	50	ND		1.00	0.460	ND		10.0	4.60	ND		5.00	2.30	ND		1.00	0.460	ND		1.00	0.460
Dibromochloromethane	50	ND		1.00	0.360	ND		10.0	3.60	ND		5.00	1.80	ND		1.00	0.360	ND		1.00	0.360
1,2-Dibromoethane (EDB)	0.0006	ND		**1.00**	**0.460**	ND		**10.0**	**4.60**	ND		**5.00**	**2.30**	ND		**1.00**	**0.460**	ND		**1.00**	**0.460**
Chlorobenzene	NS	ND		1.00	0.220	ND		10.0	2.20	ND		5.00	1.10	ND		1.00	0.220	ND		1.00	0.220
Ethylbenzene	5	ND		1.00	0.350	**578**		**10.0**	3.50	**481**		5.00	1.75	ND		1.00	0.350	ND		1.00	0.350
Total Xylenes	5	ND		2.00	0.610	**1740**		**20.0**	**6.10**	**352**		**10.0**	3.10	ND		2.00	0.610	ND		2.00	0.610
Styrene	930	ND		1.00	0.220	ND		10.0	2.20	ND		5.00	1.10	ND		1.00	0.220	ND		1.00	0.220
Bromoform	50	ND		1.00	0.440	ND		10.0	4.40	ND		5.00	2.20	ND		1.00	0.440	ND		1.00	0.440
Isopropylbenzene	5	ND		1.00	0.240	**75.6**		**10.0**	2.40	**44.8**		5.00	1.20	ND		1.00	0.240	ND		1.00	0.240
1,1,2,2-Tetrachloroethane	5	ND		1.00	0.260	ND		**10.0**	2.60	ND		5.00	1.30	ND		1.00	0.260	ND		1.00	0.260
1,2,3-Trichloropropane	0.04	ND		**1.00**	**0.250**	ND		**10.0**	**2.50**	ND		**5.00**	**1.25**	ND		**1.00**	**0.250**	ND		**1.00**	**0.250**
1,3-Dichlorobenzene	3	ND		1.00	0.260	ND		**10.0**	2.60	ND		**5.00**	1.30	ND		1.00	0.260	ND		1.00	0.260
4-Isopropyltoluene	5	ND		1.00	0.280	ND		**10.0**	2.80	ND		5.00	1.40	ND		1.00	0.280	ND		1.00	0.280
1,4-Dichlorobenzene	3	ND		1.00	0.260	ND		**10.0**	2.60	ND		**5.00**	1.30	ND		1.00	0.260	ND		1.00	0.260
1,2-Dichlorobenzene	3	ND		1.00	0.290	ND		**10.0**	2.90	ND		**5.00**	1.45	ND		1.00	0.290	ND		1.00	0.290
1,2-Dibromo-3-chloropropane	0.04	ND		**1.00**	**0.550**	ND		**10.0**	**5.50**	ND		**5.00**	**2.75**	ND		**1.00**	**0.550**	ND		**1.00**	**0.550**
1,2,4-Trichlorobenzene	5	ND		1.00	0.420	ND		**10.0**	4.20	ND		5.00	2.10	ND		1.00	0.420	ND		1.00	0.420
1,2,3-Trichlorobenzene	5	ND		1.00	0.300	ND		**10.0**	3.00	ND		5.00	1.50	ND		1.00	0.300	ND		1.00	0.300
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND		1.00	0.780	ND		**10.0**	**7.80**	ND		5.00	3.90	ND		1.00	0.780	ND		1.00	0.780
Methyl acetate	NS	ND		2.00	0.220	ND		20.0	2.20	ND		10.0	1.10	ND		2.00	0.220	ND		2.00	0.220
Cyclohexane	NS	ND		5.00	0.450	130		50.0	4.50	59.7		25.0	2.25	ND		5.00	0.450	ND		5.00	0.450
Methylcyclohexane	NS	ND		1.00	0.420	69.1		10.0	4.20	31.7		5.00	2.10	ND		1.00	0.420	ND		1.00	0.420
1,3-Dichloropropene (cis- and trans-)	0.4	ND		**1.00**	**0.470**	ND		**10.0**	**4.70**	ND		**5.00**	**2.35**	ND		**1.00**	**0.470**	ND		**1.00**	**0.470**
TOTAL VO's:	NS	2.47			NA	2610			NA	982	J		NA	ND			NA	ND			NA

Standards are based upon published regulatory information.
Users are encouraged to consult appropriate regulatory sources for current values and updates.
IAL assumes no responsibility for the accuracy of these values.

EDD created on 8/1/13

Hillmann Consulting, LLC
Project Name: 3100 WEBSTER AVE - G6-2034
IAL SDG No:E13-06816

	TOGs	MW-1				MW-3				MW-5				MW-8				FIELD BLANK			
	Groundwater																				
	Effluent																				
	Limitations (Class GA)																				
Semivolatiles - BNA (ug/L)		**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Benzaldehyde	NS	ND		1.00	0.180	ND		1.00	0.180	ND		1.00	0.180	ND		1.00	0.180	ND		1.00	0.180
Phenol	2	ND		1.00	0.400	ND		1.00	0.400	ND		1.00	0.400	ND		1.00	0.400	ND		1.00	0.400
Aniline	5	ND		1.00	0.350	ND		1.00	0.350	ND		1.00	0.350	ND		1.00	0.350	ND		1.00	0.350
Bis(2-chloroethyl) ether	1	ND		1.00	0.530	ND		1.00	0.530	ND		1.00	0.530	ND		1.00	0.530	ND		1.00	0.530
2-Chlorophenol	NS	ND		1.00	0.310	ND		1.00	0.310	ND		1.00	0.310	ND		1.00	0.310	ND		1.00	0.310
2-Methylphenol	NS	ND		1.00	0.240	ND		1.00	0.240	ND		1.00	0.240	ND		1.00	0.240	ND		1.00	0.240
Bis(2-chloroisopropyl) ether	5	ND		1.00	0.620	ND		1.00	0.620	ND		1.00	0.620	ND		1.00	0.620	ND		1.00	0.620
4-Methylphenol **	NS	ND		1.00	0.380	ND		1.00	0.380	ND		1.00	0.380	ND		1.00	0.380	ND		1.00	0.380
N-Nitrosodi-n-propylamine	NS	ND		1.00	0.400	ND		1.00	0.400	ND		1.00	0.400	ND		1.00	0.400	ND		1.00	0.400
Acetophenone	NS	ND		1.00	0.370	ND		1.00	0.370	ND		1.00	0.370	ND		1.00	0.370	ND		1.00	0.370
Hexachloroethane	5	ND		1.00	0.390	ND		1.00	0.390	ND		1.00	0.390	ND		1.00	0.390	ND		1.00	0.390
Nitrobenzene	0.4	ND		**1.00**	0.320	ND		**1.00**	0.320	ND		**1.00**	0.320	ND		**1.00**	0.320	ND		**1.00**	0.320
Isophorone	50	ND		1.00	0.350	ND		1.00	0.350	ND		1.00	0.350	ND		1.00	0.350	ND		1.00	0.350
2-Nitrophenol	NS	ND		1.00	0.220	ND		1.00	0.220	ND		1.00	0.220	ND		1.00	0.220	ND		1.00	0.220
2,4-Dimethylphenol	2	ND		1.00	0.350	ND		1.00	0.350	ND		1.00	0.350	ND		1.00	0.350	ND		1.00	0.350
Bis(2-chloroethoxy) methane	5	ND		1.00	0.470	ND		1.00	0.470	ND		1.00	0.470	ND		1.00	0.470	ND		1.00	0.470
Benzoic acid	NS	ND		1.00	0.120	ND		1.00	0.120	ND		1.00	0.120	ND		1.00	0.120	ND		1.00	0.120
2,4-Dichlorophenol	2	ND		1.00	0.310	ND		1.00	0.310	ND		1.00	0.310	ND		1.00	0.310	ND		1.00	0.310
Naphthalene	10	ND		1.00	0.337	**37.8**		1.00	0.337	**32.5**		1.00	0.337	ND		1.00	0.337	ND		1.00	0.337
4-Chloroaniline	5	ND		1.00	0.270	ND		1.00	0.270	ND		1.00	0.270	ND		1.00	0.270	ND		1.00	0.270
Hexachlorobutadiene	0.5	ND		**1.00**	0.330	ND		**1.00**	0.330	ND		**1.00**	0.330	ND		**1.00**	0.330	ND		**1.00**	0.330
Caprolactam	NS	ND		1.00	0.430	ND		1.00	0.430	ND		1.00	0.430	ND		1.00	0.430	ND		1.00	0.430
4-Chloro-3-methylphenol	NS	ND		1.00	0.290	ND		1.00	0.290	ND		1.00	0.290	ND		1.00	0.290	ND		1.00	0.290
2-Methylnaphthalene	NS	ND		1.00	0.343	17.3		1.00	0.343	4.62		1.00	0.343	ND		1.00	0.343	ND		1.00	0.343
Hexachlorocyclopentadiene	5	ND		1.00	0.100	ND		1.00	0.100	ND		1.00	0.100	ND		1.00	0.100	ND		1.00	0.100
2,4,6-Trichlorophenol	NS	ND		1.00	0.230	ND		1.00	0.230	ND		1.00	0.230	ND		1.00	0.230	ND		1.00	0.230
2,4,5-Trichlorophenol	NS	ND		1.00	0.270	ND		1.00	0.270	ND		1.00	0.270	ND		1.00	0.270	ND		1.00	0.270
1,1'-Biphenyl	5	ND		1.00	0.350	ND		1.00	0.350	ND		1.00	0.350	ND		1.00	0.350	ND		1.00	0.350
2-Chloronaphthalene	10	ND		1.00	0.320	ND		1.00	0.320	ND		1.00	0.320	ND		1.00	0.320	ND		1.00	0.320
2-Nitroaniline	5	ND		1.00	0.230	ND		1.00	0.230	ND		1.00	0.230	ND		1.00	0.230	ND		1.00	0.230
Dimethyl phthalate	50	ND		1.00	0.370	ND		1.00	0.370	ND		1.00	0.370	ND		1.00	0.370	ND		1.00	0.370
2,6-Dinitrotoluene	5	ND		1.00	0.170	ND		1.00	0.170	ND		1.00	0.170	ND		1.00	0.170	ND		1.00	0.170
Acenaphthylene	NS	ND		1.00	0.292	ND		1.00	0.292	ND		1.00	0.292	1.10		1.00	0.292	ND		1.00	0.292
3-Nitroaniline	5	ND		1.00	0.170	ND		1.00	0.170	ND		1.00	0.170	ND		1.00	0.170	ND		1.00	0.170
Acenaphthene	20	ND		1.00	0.347	ND		1.00	0.347	ND		1.00	0.347	5.09		1.00	0.347	ND		1.00	0.347
2,4-Dinitrophenol	2	ND		1.00	0.190	ND		1.00	0.190	ND		1.00	0.190	ND		1.00	0.190	ND		1.00	0.190
4-Nitrophenol	NS	ND		1.00	0.630	ND		1.00	0.630	ND		1.00	0.630	ND		1.00	0.630	ND		1.00	0.630
2,4-Dinitrotoluene	5	ND		1.00	0.160	ND		1.00	0.160	ND		1.00	0.160	ND		1.00	0.160	ND		1.00	0.160
Dibenzofuran	NS	ND		1.00	0.360	ND		1.00	0.360	ND		1.00	0.360	ND		1.00	0.360	ND		1.00	0.360
Diethyl phthalate	50	ND		1.00	0.400	ND		1.00	0.400	ND		1.00	0.400	ND		1.00	0.400	ND		1.00	0.400
Fluorene	50	ND		1.00	0.311	ND		1.00	0.311	ND		1.00	0.311	4.58		1.00	0.311	ND		1.00	0.311
4-Chlorophenyl phenyl ether	NS	ND		1.00	0.390	ND		1.00	0.390	ND		1.00	0.390	ND		1.00	0.390	ND		1.00	0.390
4-Nitroaniline	5	ND		1.00	0.170	ND		1.00	0.170	ND		1.00	0.170	ND		1.00	0.170	ND		1.00	0.170
1,2,4,5-Tetrachlorobenzene	5	ND		1.00	0.330	ND		1.00	0.330	ND		1.00	0.330	ND		1.00	0.330	ND		1.00	0.330
2,3,4,6-Tetrachlorophenol	NS	ND		1.00	0.170	ND		1.00	0.170	ND		1.00	0.170	ND		1.00	0.170	ND		1.00	0.170
4,6-Dinitro-2-methylphenol	NS	ND		1.00	0.140	ND		1.00	0.140	ND		1.00	0.140	ND		1.00	0.140	ND		1.00	0.140
N-Nitrosodiphenylamine	50	ND		1.00	0.370	ND		1.00	0.370	ND		1.00	0.370	ND		1.00	0.370	ND		1.00	0.370
4-Bromophenyl phenyl ether	NS	ND		1.00	0.380	ND		1.00	0.380	ND		1.00	0.380	ND		1.00	0.380	ND		1.00	0.380
Hexachlorobenzene	0.04	ND		**1.00**	**0.350**	ND		**1.00**	**0.350**	ND		**1.00**	**0.350**	ND		**1.00**	**0.350**	ND		**1.00**	**0.350**
Atrazine	7.5	ND		1.00	0.420	ND		1.00	0.420	ND		1.00	0.420	ND		1.00	0.420	ND		1.00	0.420
Pentachlorophenol	2	ND		1.00	0.150	ND		1.00	0.150	ND		1.00	0.150	ND		1.00	0.150	ND		1.00	0.150
Phenanthrene	50	ND		1.00	0.375	ND		1.00	0.375	ND		1.00	0.375	6.05		1.00	0.375	ND		1.00	0.375
Anthracene	50	ND		1.00	0.351	ND		1.00	0.351	ND		1.00	0.351	1.11		1.00	0.351	ND		1.00	0.351
Carbazole	NS	ND		1.00	0.310	ND		1.00	0.310	ND		1.00	0.310	ND		1.00	0.310	ND		1.00	0.310
Di-n-butyl phthalate	50	ND		1.00	0.380	ND		1.00	0.380	ND		1.00	0.380	ND		1.00	0.380	ND		1.00	0.380
Fluoranthene	50	ND		1.00	0.291	ND		1.00	0.291	ND		1.00	0.291	1.49		1.00	0.291	ND		1.00	0.291
Pyrene	50	ND		1.00	0.377	ND		1.00	0.377	ND		1.00	0.377	5.77		1.00	0.377	ND		1.00	0.377
Butyl benzyl phthalate	50	ND		1.00	0.380	ND		1.00	0.380	ND		1.00	0.380	ND		1.00	0.380	ND		1.00	0.380
3,3'-Dichlorobenzidine	5	ND		1.00	0.380	ND		1.00	0.380	ND		1.00	0.380	ND		1.00	0.380	ND		1.00	0.380
Benzo[a]anthracene	0.002	ND		**1.00**	**0.380**	ND		**1.00**	**0.380**	ND		**1.00**	**0.380**	ND		**1.00**	**0.380**	ND		**1.00**	**0.380**
Chrysene	0.002	ND		**1.00**	**0.381**	ND		**1.00**	**0.381**	ND		**1.00**	**0.381**	ND		**1.00**	**0.381**	ND		**1.00**	**0.381**
Bis(2-ethylhexyl) phthalate	5	ND		1.00	0.370	ND		1.00	0.370	ND		1.00	0.370	ND		1.00	0.370	ND		1.00	0.370
Di-n-octyl phthalate	50	ND		1.00	0.460	ND		1.00	0.460	ND		1.00	0.460	ND		1.00	0.460	ND		1.00	0.460
Benzo[b]fluoranthene	0.002	ND		**1.00**	**0.590**	ND		**1.00**	**0.590**	ND		**1.00**	**0.590**	ND		**1.00**	**0.590**	ND		**1.00**	**0.590**
Benzo[k]fluoranthene	0.002	ND		**1.00**	**0.590**	ND		**1.00**	**0.590**	ND		**1.00**	**0.590**	ND		**1.00**	**0.590**	ND		**1.00**	**0.590**
Benzo[a]pyrene	ND	ND		1.00	0.470	ND		1.00	0.470	ND		1.00	0.470	ND		1.00	0.470	ND		1.00	0.470
Indeno[1,2,3-cd]pyrene	0.002	ND		**1.00**	**0.360**	ND		**1.00**	**0.360**	ND		**1.00**	**0.360**	ND		**1.00**	**0.360**	ND		**1.00**	**0.360**
Dibenz[a,h]anthracene	NS	ND		1.00	0.430	ND		1.00	0.430	ND		1.00	0.430	ND		1.00	0.430	ND		1.00	0.430
Benzo[g,h,i]perylene	NS	ND		1.00	0.463	ND		1.00	0.463	ND		1.00	0.463	ND		1.00	0.463	ND		1.00	0.463
Dinitrotoluene (2,4- and 2,6-)	NS	ND		1.00	0.170	ND		1.00	0.170	ND		1.00	0.170	ND		1.00	0.170	ND		1.00	0.170
TOTAL BNA'S:	NS	ND			NA	55.1			NA	37.1			NA	25.2			NA	ND			NA

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EDD created on 8/1/13

Hillmann Consulting, LLC
Project Name: 3100 WEBSTER AVE - G6-2034
IAL SDG No:E13-06816

	TOGs	MW-1				MW-3				MW-5				MW-8				FIELD BLANK			
	Groundwater																				
	Effluent																				
	Limitations (Class GA)																				
PCB's (ug/L)		**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Aroclor-1016	5	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020
Aroclor-1221	5	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020
Aroclor-1232	5	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020
Aroclor-1242	5	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020
Aroclor-1248	5	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020
Aroclor-1254	5	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020
Aroclor-1260	5	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020
Aroclor-1262	5	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020
Aroclor-1268	5	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020
PCBs	0.09	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020	ND		0.050	0.020
Pesticides (ug/L)		**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
alpha-BHC	0.01	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005
beta-BHC	0.04	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005
gamma-BHC (Lindane)	0.05	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005
delta-BHC	0.04	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005
Heptachlor	0.04	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005
Aldrin	ND	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005
Heptachlor epoxide	0.03	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005
Endosulfan I	NS	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005
4,4'-DDE	0.2	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005
Dieldrin	0.004	ND		**0.010**	**0.005**	ND		**0.010**	**0.005**	ND		**0.010**	**0.005**	ND		**0.010**	**0.005**	ND		**0.010**	**0.005**
Endrin	ND	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005
Endosulfan II	NS	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005
4,4'-DDD	0.3	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005
Endrin aldehyde	5	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005
Endosulfan sulfate	NS	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005
4,4'-DDT	0.2	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005
Endrin ketone	5	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005
Methoxychlor	35	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005
alpha-Chlordane	0.05	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005
gamma-Chlordane	0.05	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005
Toxaphene	0.06	ND		**0.125**	0.060	ND		**0.125**	0.060	ND		**0.125**	0.060	ND		**0.125**	0.060	ND		**0.125**	0.060
Endosulfan (I and II)	NS	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005
Chlordane (alpha and gamma)	0.05	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005	ND		0.010	0.005
Herbicides (ug/L)		**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
2,4-D	50	ND		0.300	0.120	ND		0.250	0.100	ND		0.250	0.100	ND		0.250	0.100	ND		0.250	0.100
2,4,5-T	35	ND		0.300	0.120	ND		0.250	0.100	ND		0.250	0.100	ND		0.250	0.100	ND		0.250	0.100

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Hillmann Consulting, LLC
Project Name: 3100 WEBSTER AVE - G6-2034
IAL SDG No:E13-06816

	TOGs	MW-1				MW-3				MW-5				MW-8				FIELD BLANK			
	Groundwater																				
	Effluent																				
	Limitations (Class GA)																				
Metals (ug/L)		**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Aluminum	2000	**8430**		40.0	20.0	**2640**		40.0	20.0	**4620**		40.0	20.0	**5370**		40.0	20.0	ND		40.0	20.0
Antimony	6	1.93	J	4.00	1.00	ND		4.00	1.00	ND		4.00	1.00	ND		4.00	1.00	ND		4.00	1.00
Arsenic	50	1.43	J	2.00	1.00	1.33	J	2.00	1.00	3.58		2.00	1.00	1.29	J	2.00	1.00	ND		2.00	1.00
Barium	2000	272		40.0	10.0	306		40.0	10.0	395		40.0	10.0	549		40.0	10.0	ND		40.0	10.0
Beryllium	3	ND		2.00	1.00	ND		2.00	1.00	ND		2.00	1.00	ND		2.00	1.00	ND		2.00	1.00
Cadmium	10	ND		2.00	0.500	ND		2.00	0.500	0.611	J	2.00	0.500	ND		2.00	0.500	ND		2.00	0.500
Calcium	NS	156000		200	100	112000		200	100	112000		200	100	129000		200	100	ND		200	100
Chromium	100	55.6		8.00	2.00	6.69	J	8.00	2.00	13.1		8.00	2.00	17.1		8.00	2.00	ND		8.00	2.00
Cobalt	NS	74.2		8.00	2.00	4.47	J	8.00	2.00	15.8		8.00	2.00	6.88	J	8.00	2.00	ND		8.00	2.00
Copper	1000	15.4		8.00	4.00	38.1		8.00	4.00	18.6		8.00	4.00	6.44	J	8.00	4.00	ND		8.00	4.00
Iron	600	**9690**		100	50.0	**13200**		100	50.0	**20400**		100	50.0	**12000**		100	50.0	ND		100	50.0
Lead	50	1.08	J	2.00	0.500	13.0		2.00	0.500	**64.0**		2.00	0.500	24.5		2.00	0.500	ND		2.00	0.500
Magnesium	35000	35000		200	50.0	16900		200	50.0	32600		200	50.0	28800		200	50.0	ND		200	50.0
Manganese	600	**7830**		4.00	2.00	**6570**		4.00	2.00	**7100**		4.00	2.00	**1800**		4.00	2.00	ND		4.00	2.00
Mercury	1.4	ND		0.500	0.300	ND		0.500	0.300	ND		0.500	0.300	ND		0.500	0.300	ND		0.500	0.300
Nickel	200	67.1		4.00	1.00	7.20		4.00	1.00	38.5		4.00	1.00	15.5		4.00	1.00	ND		4.00	1.00
Potassium	NS	48700		200	50.0	9320		200	50.0	9830		200	50.0	21900		200	50.0	ND		200	50.0
Selenium	20	**33.7**		8.00	4.00	7.23	J	8.00	4.00	ND		8.00	4.00	4.40	J	8.00	4.00	ND		8.00	4.00
Silver	100	2.51		2.00	0.500	ND		2.00	0.500	ND		2.00	0.500	0.511	J	2.00	0.500	ND		2.00	0.500
Sodium	case by case	190000		400	100	49200		400	100	134000		400	100	483000		400	100	ND		400	100
Thallium	0.5	ND		**2.00**	0.500	ND		**2.00**	0.500	ND		**2.00**	0.500	ND		**2.00**	0.500	ND		**2.00**	0.500
Vanadium	NS	25.3		8.00	2.00	8.93		8.00	2.00	24.5		8.00	2.00	24.0		8.00	2.00	ND		8.00	2.00
Zinc	5000	81.1		8.00	4.00	52.5		8.00	4.00	333		8.00	4.00	47.0		8.00	4.00	ND		8.00	4.00

BOLD Conc indicates a concentration that exceeds the groundwater criteria
BOLD RL indicates a reporting limit that exceeds the criteria
BOLD MDL indicates a method detection limit that exceeds the criteria
NS = No Standard Available
-- = Sample not analyzed for
ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the RL and above the MDL
All qualifiers on individual Volatiles & Semivolatiles are carried down through summation.
J = The concentration was detected at a value below the RL and above the MDL
B = The compound was detected in the blank and the sample
D = The compound was reported from the Diluted analysis

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Hillmann Consulting, LLC
Project Name: 3100 WEBSTER AVE - G6-2034
IAL SDG No:E13-06816

	TOGs	TRIP BLANK				MW-1 FILT				MW-3 FILT				MW-5 FILT				MW-8 FILT				FIELD BLANK FILT			
	Groundwater																								
	Effluent																								
	Limitations (Class GA)																								
Volatiles (ug/L)		**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Dichlorodifluoromethane	5	ND		1.00	0.550	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Chloromethane	5	ND		1.00	0.340	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Vinyl chloride	2	ND		1.00	0.500	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Bromomethane	5	ND		1.00	0.400	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Chloroethane	5	ND		1.00	0.470	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Trichlorofluoromethane	5	ND		1.00	0.530	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
1,1-Dichloroethene	5	ND		1.00	0.550	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Acetone	50	ND		5.00	0.410	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Carbon disulfide	60	ND		1.00	0.490	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Methylene chloride	50	ND		2.00	1.98	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
trans-1,2-Dichloroethene	5	ND		1.00	0.430	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Methyl tert-butyl ether (MTBE)	10	ND		1.00	0.250	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
1,1-Dichloroethane	5	ND		1.00	0.330	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
cis-1,2-Dichloroethene	5	ND		1.00	0.210	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
2-Butanone (MEK)	50	ND		1.00	0.270	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Bromochloromethane	5	ND		1.00	0.270	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Chloroform	7	ND		1.00	0.280	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
1,1,1-Trichloroethane	5	ND		1.00	0.390	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Carbon tetrachloride	5	ND		1.00	0.480	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
1,2-Dichloroethane (EDC)	0.6	ND		**1.00**	0.210	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Benzene	1	ND		1.00	0.240	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Trichloroethene	5	ND		1.00	0.270	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
1,2-Dichloropropane	1	ND		1.00	0.240	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
1,4-Dioxane	NS	ND		200	31.6	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Bromodichloromethane	50	ND		1.00	0.270	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
cis-1,3-Dichloropropene	NS	ND		1.00	0.330	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
4-Methyl-2-pentanone (MIBK)	NS	ND		1.00	0.290	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Toluene	5	ND		1.00	0.250	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
trans-1,3-Dichloropropene	NS	ND		1.00	0.470	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
1,1,2-Trichloroethane	1	ND		1.00	0.420	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Tetrachloroethene	5	ND		1.00	0.230	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
1,3-Dichloropropane	5	ND		1.00	0.350	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
2-Hexanone	50	ND		1.00	0.460	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Dibromochloromethane	50	ND		1.00	0.360	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
1,2-Dibromoethane (EDB)	0.0006	ND		**1.00**	**0.460**	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Chlorobenzene	NS	ND		1.00	0.220	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Ethylbenzene	5	ND		1.00	0.350	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Total Xylenes	5	ND		2.00	0.610	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Styrene	930	ND		1.00	0.220	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Bromoform	50	ND		1.00	0.440	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Isopropylbenzene	5	ND		1.00	0.240	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
1,1,2,2-Tetrachloroethane	5	ND		1.00	0.260	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
1,2,3-Trichloropropane	0.04	ND		**1.00**	**0.250**	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
1,3-Dichlorobenzene	3	ND		1.00	0.260	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
4-Isopropyltoluene	5	ND		1.00	0.280	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
1,4-Dichlorobenzene	3	ND		1.00	0.260	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
1,2-Dichlorobenzene	3	ND		1.00	0.290	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
1,2-Dibromo-3-chloropropane	0.04	ND		**1.00**	**0.550**	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
1,2,4-Trichlorobenzene	5	ND		1.00	0.420	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
1,2,3-Trichlorobenzene	5	ND		1.00	0.300	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND		1.00	0.780	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Methyl acetate	NS	ND		2.00	0.220	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Cyclohexane	NS	ND		5.00	0.450	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Methylcyclohexane	NS	ND		1.00	0.420	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
1,3-Dichloropropene (cis- and trans-)	0.4	ND		**1.00**	**0.470**	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
TOTAL VO's:	NS	ND			NA	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~

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EDD created on 8/1/13

Hillmann Consulting, LLC
Project Name: 3100 WEBSTER AVE - G6-2034
IAL SDG No:E13-06816

	TOGs	TRIP BLANK				MW-1 FILT				MW-3 FILT				MW-5 FILT				MW-8 FILT				FIELD BLANK FILT			
	Groundwater																								
	Effluent																								
	Limitations (Class GA)																								
Semivolatiles - BNA (ug/L)		**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Benzaldehyde	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Phenol	2	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Aniline	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Bis(2-chloroethyl) ether	1	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
2-Chlorophenol	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
2-Methylphenol	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Bis(2-chloroisopropyl) ether	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
4-Methylphenol **	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
N-Nitrosodi-n-propylamine	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Acetophenone	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Hexachloroethane	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Nitrobenzene	0.4	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Isophorone	50	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
2-Nitrophenol	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
2,4-Dimethylphenol	2	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Bis(2-chloroethoxy) methane	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Benzoic acid	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
2,4-Dichlorophenol	2	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Naphthalene	10	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
4-Chloroaniline	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Hexachlorobutadiene	0.5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Caprolactam	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
4-Chloro-3-methylphenol	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
2-Methylnaphthalene	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Hexachlorocyclopentadiene	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
2,4,6-Trichlorophenol	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
2,4,5-Trichlorophenol	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
1,1'-Biphenyl	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
2-Chloronaphthalene	10	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
2-Nitroaniline	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Dimethyl phthalate	50	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
2,6-Dinitrotoluene	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Acenaphthylene	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
3-Nitroaniline	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Acenaphthene	20	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
2,4-Dinitrophenol	2	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
4-Nitrophenol	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
2,4-Dinitrotoluene	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Dibenzofuran	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Diethyl phthalate	50	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Fluorene	50	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
4-Chlorophenyl phenyl ether	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
4-Nitroaniline	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
1,2,4,5-Tetrachlorobenzene	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
2,3,4,6-Tetrachlorophenol	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
4,6-Dinitro-2-methylphenol	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
N-Nitrosodiphenylamine	50	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
4-Bromophenyl phenyl ether	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Hexachlorobenzene	0.04	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Atrazine	7.5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Pentachlorophenol	2	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Phenanthrene	50	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Anthracene	50	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Carbazole	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Di-n-butyl phthalate	50	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Fluoranthene	50	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Pyrene	50	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Butyl benzyl phthalate	50	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
3,3'-Dichlorobenzidine	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Benzo[a]anthracene	0.002	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Chrysene	0.002	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Bis(2-ethylhexyl) phthalate	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Di-n-octyl phthalate	50	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Benzo[b]fluoranthene	0.002	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Benzo[k]fluoranthene	0.002	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Benzo[a]pyrene	ND	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Indeno[1,2,3-cd]pyrene	0.002	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Dibenz[a,h]anthracene	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Benzo[g,h,i]perylene	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Dinitrotoluene (2,4- and 2,6-)	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
TOTAL BNA'S:	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~

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Project Name: 3100 WEBSTER AVE - G6-2034
IAL SDG No:E13-06816

	TOGs	TRIP BLANK				MW-1 FILT				MW-3 FILT				MW-5 FILT				MW-8 FILT				FIELD BLANK FILT			
	Groundwater																								
	Effluent																								
	Limitations (Class GA)																								
PCB's (ug/L)		**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Aroclor-1016	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Aroclor-1221	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Aroclor-1232	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Aroclor-1242	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Aroclor-1248	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Aroclor-1254	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Aroclor-1260	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Aroclor-1262	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Aroclor-1268	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
PCBs	0.09	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Pesticides (ug/L)		**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
alpha-BHC	0.01	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
beta-BHC	0.04	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
gamma-BHC (Lindane)	0.05	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
delta-BHC	0.04	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Heptachlor	0.04	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Aldrin	ND	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Heptachlor epoxide	0.03	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Endosulfan I	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
4,4'-DDE	0.2	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Dieldrin	0.004	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Endrin	ND	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Endosulfan II	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
4,4'-DDD	0.3	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Endrin aldehyde	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Endosulfan sulfate	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
4,4'-DDT	0.2	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Endrin ketone	5	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Methoxychlor	35	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
alpha-Chlordane	0.05	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
gamma-Chlordane	0.05	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Toxaphene	0.06	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Endosulfan (I and II)	NS	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Chlordane (alpha and gamma)	0.05	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
Herbicides (ug/L)		**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
2,4-D	50	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~
2,4,5-T	35	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~	~		~	~

Standards are based upon published regulatory information.
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Hillmann Consulting, LLC
Project Name: 3100 WEBSTER AVE - G6-2034
IAL SDG No:E13-06816

	TOGs	TRIP BLANK				MW-1 FILT				MW-3 FILT				MW-5 FILT				MW-8 FILT				FIELD BLANK FILT			
	Groundwater																								
	Effluent																								
	Limitations (Class GA)																								
Metals (ug/L)		**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Aluminum	2000	~		~	~	ND		40.0	20.0	ND		40.0	20.0	83.4		40.0	20.0	ND		40.0	20.0	ND		40.0	20.0
Antimony	6	~		~	~	1.84	J	4.00	1.00	ND		4.00	1.00	ND		4.00	1.00	ND		4.00	1.00	ND		4.00	1.00
Arsenic	50	~		~	~	1.36	J	2.00	1.00	ND		2.00	1.00	ND		2.00	1.00	ND		2.00	1.00	ND		2.00	1.00
Barium	2000	~		~	~	122		40.0	10.0	142		40.0	10.0	224		40.0	10.0	386		40.0	10.0	ND		40.0	10.0
Beryllium	3	~		~	~	ND		2.00	1.00	ND		2.00	1.00	ND		2.00	1.00	ND		2.00	1.00	ND		2.00	1.00
Cadmium	10	~		~	~	ND		2.00	0.500	ND		2.00	0.500	ND		2.00	0.500	ND		2.00	0.500	ND		2.00	0.500
Calcium	NS	~		~	~	146000		200	100	108000		200	100	109000		200	100	112000		200	100	ND		200	100
Chromium	100	~		~	~	3.54	J	8.00	2.00	ND		8.00	2.00	ND		8.00	2.00	ND		8.00	2.00	ND		8.00	2.00
Cobalt	NS	~		~	~	ND		8.00	2.00	ND		8.00	2.00	2.65	J	8.00	2.00	ND		8.00	2.00	ND		8.00	2.00
Copper	1000	~		~	~	ND		8.00	4.00	ND		8.00	4.00	ND		8.00	4.00	ND		8.00	4.00	ND		8.00	4.00
Iron	600	~		~	~	ND		100	50.0	ND		100	50.0	**1550**		100	50.0	ND		100	50.0	ND		100	50.0
Lead	50	~		~	~	ND		2.00	0.500	ND		2.00	0.500	ND		2.00	0.500	ND		2.00	0.500	ND		2.00	0.500
Magnesium	35000	~		~	~	28300		200	50.0	16300		200	50.0	32400		200	50.0	22800		200	50.0	ND		200	50.0
Manganese	600	~		~	~	ND		4.00	2.00	**2990**		4.00	2.00	**6900**		4.00	2.00	**1470**		4.00	2.00	ND		4.00	2.00
Mercury	1.4	~		~	~	ND		0.500	0.300	ND		0.500	0.300	ND		0.500	0.300	ND		0.500	0.300	ND		0.500	0.300
Nickel	200	~		~	~	ND		4.00	1.00	ND		4.00	1.00	3.50	J	4.00	1.00	3.32	J	4.00	1.00	ND		4.00	1.00
Potassium	NS	~		~	~	45500		200	50.0	9110		200	50.0	9490		200	50.0	18500		200	50.0	ND		200	50.0
Selenium	20	~		~	~	**31.2**		8.00	4.00	7.06		8.00	4.00	ND		8.00	4.00	ND		8.00	4.00	ND		8.00	4.00
Silver	100	~		~	~	2.39		2.00	0.500	ND		2.00	0.500	ND		2.00	0.500	ND		2.00	0.500	ND		2.00	0.500
Sodium	case by case	~		~	~	187000		400	100	46300		400	100	131000		400	100	439000		400	100	ND		400	100
Thallium	0.5	~		~	~	ND		**2.00**	0.500	ND		**2.00**	0.500	ND		**2.00**	0.500	ND		**2.00**	0.500	ND		**2.00**	0.500
Vanadium	NS	~		~	~	3.77	J	8.00	2.00	ND		8.00	2.00	ND		8.00	2.00	ND		8.00	2.00	ND		8.00	2.00
Zinc	5000	~		~	~	7.24	J	8.00	4.00	7.04	J	8.00	4.00	4.21	J	8.00	4.00	6.64	J	8.00	4.00	ND		8.00	4.00

BOLD Conc indicates a concentration that exceeds the groundwa
BOLD RL indicates a reporting limit that exceeds the criteria
BOLD MDL indicates a method detection limit that exceeds the cri
NS = No Standard Available
~ = Sample not analyzed for
ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the RL and above
All qualifiers on individual Volatiles & Semivolatiles are carried down th
J = The concentration was detected at a value below the RL and above
B = The compound was detected in the blank and the sample
D = The compound was reported from the Diluted analysis

Standards are based upon published regulatory information.
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EDD created on 8/1/13

SUMMARY OF SOIL VAPOR ANALYTICAL SAMPLES

Compound	NYSDOH Air Guidance Value	SV-1			SV-3			SV-4			SV-5			SV-7		
		Q	ug/m3	RL ug/m3	Q	ug/m3	RL ug/m3	Q	ug/m3	RL ug/m3	Q	ug/m3	RL ug/m3	Q	ug/m3	RL ug/m3
Acetone	NS	D	990	24	D	140	0.95		ND	24	D	450	4.8		ND	24
Benzene	NS		69	0.64		16	0.64	D	2000	32		37	0.64	D	42	32
Bromoform	NS		ND	2.1		2.5	2.1		ND	103		ND	2.1		ND	103
Chlorobenzene	NS		7.6	0.92		1.5	0.92		ND	46		ND	0.92		ND	46
Chloroform	NS		3.9	0.98		1.8	0.98		ND	49		ND	0.98		ND	49
Carbon disulfide	NS		9.3	0.62		1.7	0.62		ND	31		17	0.62	D	50	31
Carbon tetrachloride	NS		1.0	0.25		1.7	0.25		ND	13		1.1	0.25		ND	13
Cyclohexane	NS		91	0.69		5.5	0.69	D	1100	344		6.6	0.69	D	1200	34
Dibromochloromethane	NS		ND	1.7		2.3	1.7		ND	85		ND	1.7		ND	85
1,2-Dibromoethane	NS		ND	1.5		2.1	1.5		ND	77		ND	1.5		ND	77
1,2-Dichlorobenzene	NS		ND	1.2		1.7	1.2		ND	60		ND	1.2		ND	60
1,3-Dichlorobenzene	NS		1.9	1.2		2.0	1.2		ND	60		1.8	1.2		ND	60
1,4-Dichlorobenzene	NS		ND	1.2		1.9	1.2		ND	60		1.2	1.2		ND	60
Dichlorodifluoromethane	NS		4.8	0.99		3.7	0.99		ND	49		ND	0.99		ND	49
1,2-Dichloroethane	NS		3.3	0.81		1.1	0.81	D	200	41		ND	0.81	D	110	41
1,2-Dichloropropane	NS		ND	0.92		1.1	0.92		ND	46		ND	0.92		ND	46
1,3-Dichloropropene (cis)	NS		ND	0.91		0.91	0.91		ND	45		ND	0.91		ND	45
1,3-Dichloropropene - TOTAL	NS		ND	0.91		0.91	0.91		ND	45		ND	0.91		ND	45
Ethylbenzene	NS	D	200	43		22	0.87	D	8000	43		63	0.87	D	87	43
n-Heptane	NS	D	180	41		27	0.82	D	3500	410		85	0.82	D	3900	41
1,3-Hexachlorobutadiene	NS		ND	2.1		2.8	2.1		ND	107		ND	2.1		ND	107
n-Hexane	NS	D	180	35		28	0.71	D	4600	352		160	7.1	D	9200	176
Methylene chloride	60		ND	0.70		**130**	0.70		ND	35		ND	0.70		ND	35
Methyl ethyl ketone	NS	D	100	30		21	0.59		ND	30		28	0.59		ND	30
Methyl isobutyl ketone	NS		82	0.82		5.4	0.82		ND	41		4.4	0.82		ND	41
Methyl tert-butyl ether	NS		8.0	0.72		1.8	0.72	D	3200	361		2.2	0.72		ND	36
Styrene	NS		4.0	0.85		2.3	0.85		ND	43		2.8	0.85		ND	43
Tert-butyl alcohol	NS		70	0.61		9.7	0.61	D	240	30		14	0.61	D	64	30
Tetrachloroethene	100		99	1.4		10	1.4		ND	68		19	1.4	D	95	68
Toluene	NS	D	290	38		150	0.75	D	1600	38		170	7.5	D	310	38
1,2,4-Trichlorobenzene	NS		ND	1.5		2.2	1.5		ND	74		ND	1.5		ND	74
1,1,1-Trichloroethane	NS		4.1	1.1		1.2	1.1		ND	55		1.9	1.1		ND	55
Trichloroethene	5		0.97	0.25		1.6	0.25		ND	12		1.0	0.25		ND	12
Trichlorofluoromethane	NS		2.8	1.1		6.1	1.1		ND	56		2.0	1.1		ND	56
1,1,2-Trichloro-1,2,2-trifluoroethane	NS		ND	1.5		3.1	1.5		ND	77		ND	1.5		ND	77
1,2,4-Trimethylbenzene	NS		140	0.98		21	0.98	D	1300	49		67	0.98	D	74	49
1,3,5-Trimethylbenzene	NS		56	0.98		6.8	0.98	D	770	49		20	0.98		ND	49
2,2,4-Trimethylpentane	NS	D	1100	47		20	0.93	D	12000	467		16	0.93	D	17000	234
Xylenes (m&p)	NS	D	910	43		80	0.87	D	2200	434		140	0.87	D	210	43
Xylenes (o)	NS	D	260	43		21	0.87	D	4300	43		41	0.87	D	54	43
Xylenes - TOTAL	NS	D	1170	43		101	0.87	D	6500	434		181	0.87	D	264	43

All results in ug/m3

Bold indicates compound detected above applicable standard

NS = no applicable standard

ND = sample not detected above the applicable method detection limit

Soil Vapor / Indoor Air Matrix 1

October 2006

	INDOOR AIR CONCENTRATION of COMPOUND (mcg / m^3)			
SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg / m^3)	< 0.25	0.25 to < 1	1 to < 5.0	5.0 and above
< 5	1. No further action	2. Take reasonable and practical actions to identify source(s) and reduce exposures	3. Take reasonable and practical actions to identify source(s) and reduce exposures	4. Take reasonable and practical actions to identify source(s) and reduce exposures
5 to < 50	5. No further action	6. MONITOR	7. MONITOR	8. MITIGATE
50 to < 250	9. MONITOR	10. MONITOR / MITIGATE	11. MITIGATE	12. MITIGATE
250 and above	13. MITIGATE	14. MITIGATE	15. MITIGATE	16. MITIGATE

No further action:
Given that the compound was not detected in the indoor air sample and that the concentration detected in the sub-slab vapor sample is not expected to significantly affect indoor air quality, no additional actions are needed to address human exposures.

Take reasonable and practical actions to identify source(s) and reduce exposures:
The concentration detected in the indoor air sample is likely due to indoor and/or outdoor sources rather than soil vapor intrusion given the concentration detected in the sub-slab vapor sample. Therefore, steps should be taken to identify potential source(s) and to reduce exposures accordingly (e.g., by keeping containers tightly capped or by storing volatile organic compound-containing products in places where people do not spend much time, such as a garage or outdoor shed). Resampling may be recommended to demonstrate the effectiveness of actions taken to reduce exposures.

MONITOR:
Monitoring, including sub-slab vapor, basement air, lowest occupied living space air, and outdoor air sampling, is needed to determine whether concentrations in the indoor air or sub-slab vapor have changed. Monitoring may also be needed to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined on a site-specific and building-specific basis, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

MITIGATE:
Mitigation is needed to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system, and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

MONITOR / MITIGATE:
Monitoring or mitigation may be recommended after considering the magnitude of sub-slab vapor and indoor air concentrations along with building- and site-specific conditions.

See additional notes on page 2.

ADDITIONAL NOTES FOR MATRIX 1

This matrix summarizes the minimum actions recommended to address current and potential exposures related to soil vapor intrusion. To use the matrix appropriately as a tool in the decision-making process, the following should be noted:

[1] The matrix is generic. As such, it may be appropriate to modify a recommended action to accommodate building-specific conditions (e.g., dirt floor in basement, crawl spaces, etc.) and/or factors provided in Section 3.2 of the guidance (e.g., current land use, environmental conditions, etc.). For example, resampling may be recommended when the matrix indicates "no further action" for a particular building, but the results of adjacent buildings (especially sub-slab vapor results) indicate a need to take actions to address exposures related to soil vapor intrusion. Additionally, actions more protective of public health than those specified within the matrix may be proposed at any time. For example, the party implementing the actions may decide to install sub-slab depressurization systems on buildings where the matrix indicates "no further action" or "monitoring." Such an action is usually undertaken for reasons other than public health (e.g., seeking community acceptance, reducing excessive costs, etc.).

[2] Actions provided in the matrix are specific to addressing human exposures. Implementation of these actions does not preclude investigating possible sources of vapor contamination, nor does it preclude remediating contaminated soil vapors or the source of soil vapor contamination.

[3] Appropriate care should be taken during all aspects of sample collection to ensure that high quality data are obtained. Since the data are being used in the decision-making process, the laboratory analyzing the environmental samples must have current Environmental Laboratory Approval Program (ELAP) certification for the appropriate analyte and environmental matrix combinations. Furthermore, samples should be analyzed by methods that can achieve a minimum reporting limit of 0.25 microgram per cubic meter for indoor and outdoor air samples. For sub-slab vapor samples, a minimum reporting limit of 5 micrograms per cubic meter is recommended for buildings with full slab foundations, and 1 microgram per cubic meter for buildings with less than a full slab foundation.

[4] Sub-slab vapor and indoor air samples are typically collected when the likelihood of soil vapor intrusion to occur is considered to be the greatest (i.e., worst-case conditions). If samples are collected at other times (typically, samples collected outside of the heating season), then resampling during worst-case conditions may be appropriate to verify that actions taken to address exposures related to soil vapor intrusion are protective of human health.

[5] When current exposures are attributed to sources other than soil vapor intrusion, the agencies should be given documentation (e.g., applicable environmental data, completed indoor air sampling questionnaire, digital photographs, etc.) to support a proposed action other than that provided in the matrix box and to support agency assessment and follow-up.

[6] The party responsible for implementing the recommended actions will differ depending upon several factors, including the identified source of the volatile chemicals, the environmental remediation program, and site-specific and building-specific conditions. For example, to the extent that all site data and site conditions demonstrate that soil vapor intrusion is not occurring and that the potential for soil vapor intrusion to occur is not likely, the soil vapor intrusion investigation would be considered complete. In general, if indoor exposures represent a concern due to indoor sources, then the State will provide guidance to the property owner and/or tenant on ways to reduce their exposure. If indoor exposures represent a concern due to outdoor sources, then the NYSDEC will decide who is responsible for further investigation and any necessary remediation. Depending upon the outdoor source, this responsibility may or may not fall upon the party conducting the soil vapor intrusion investigation.

Soil Vapor / Indoor Air Matrix 2

October 2006

	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m^3)			
SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m^3)	< 3	3 to < 30	30 to < 100	100 and above
< 100	1. No further action	2. Take reasonable and practical actions to identify source(s) and reduce exposures	3. Take reasonable and practical actions to identify source(s) and reduce exposures	4. Take reasonable and practical actions to identify source(s) and reduce exposures
100 to < 1,000	5. MONITOR	6. MONITOR / MITIGATE	7. MITIGATE	8. MITIGATE
1,000 and above	9. MITIGATE	10. MITIGATE	11. MITIGATE	12. MITIGATE

No further action:
Given that the compound was not detected in the indoor air sample and that the concentration detected in the sub-slab vapor sample is not expected to significantly affect indoor air quality, no additional actions are needed to address human exposures.

Take reasonable and practical actions to identify source(s) and reduce exposures:
The concentration detected in the indoor air sample is likely due to indoor and/or outdoor sources rather than soil vapor intrusion given the concentration detected in the sub-slab vapor sample. Therefore, steps should be taken to identify potential source(s) and to reduce exposures accordingly (e.g., by keeping containers tightly capped or by storing volatile organic compound-containing products in places where people do not spend much time, such as a garage or outdoor shed). Resampling may be recommended to demonstrate the effectiveness of actions taken to reduce exposures.

MONITOR:
Monitoring, including sub-slab vapor, basement air, lowest occupied living space air, and outdoor air sampling, is needed to determine whether concentrations in the indoor air or sub-slab vapor have changed. Monitoring may also be needed to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined on a site-specific and building-specific basis, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

MITIGATE:
Mitigation is needed to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system, and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

MONITOR / MITIGATE:
Monitoring or mitigation may be recommended after considering the magnitude of sub-slab vapor and indoor air concentrations along with building- and site-specific conditions.

See additional notes on page 2.

ADDITIONAL NOTES FOR MATRIX 2

This matrix summarizes the minimum actions recommended to address current and potential exposures related to soil vapor intrusion. To use the matrix appropriately as a tool in the decision-making process, the following should be noted:

[1] The matrix is generic. As such, it may be appropriate to modify a recommended action to accommodate building-specific conditions (e.g., dirt floor in basement, crawl spaces, etc.) and/or factors provided in Section 3.2 of the guidance (e.g., current land use, environmental conditions, etc.). For example, resampling may be recommended when the matrix indicates "no further action" for a particular building, but the results of adjacent buildings (especially sub-slab vapor results) indicate a need to take actions to address exposures related to soil vapor intrusion. Additionally, actions more protective of public health than those specified within the matrix may be proposed at any time. For example, the party implementing the actions may decide to install sub-slab depressurization systems on buildings where the matrix indicates "no further action" or "monitoring." Such an action is usually undertaken for reasons other than public health (e.g., seeking community acceptance, reducing excessive costs, etc.).

[2] Actions provided in the matrix are specific to addressing human exposures. Implementation of these actions does not preclude investigating possible sources of vapor contamination, nor does it preclude remediating contaminated soil vapors or the source of soil vapor contamination.

[3] Appropriate care should be taken during all aspects of sample collection to ensure that high quality data are obtained. Since the data are being used in the decision-making process, the laboratory analyzing the environmental samples must have current Environmental Laboratory Approval Program (ELAP) certification for the appropriate analyte and environmental matrix combinations. Furthermore, samples should be analyzed by methods that can achieve a minimum reporting limit of 3 micrograms per cubic meter for indoor and outdoor air samples. For sub-slab vapor samples, a minimum reporting limit of 5 micrograms per cubic meter is recommended.

[4] Sub-slab vapor and indoor air samples are typically collected when the likelihood of soil vapor intrusion to occur is considered to be the greatest (i.e., worst-case conditions). If samples are collected at other times (typically, samples collected outside of the heating season), then resampling during worst-case conditions may be appropriate to verify that actions taken to address exposures related to soil vapor intrusion are protective of human health.

[5] When current exposures are attributed to sources other than soil vapor intrusion, the agencies should be given documentation (e.g., applicable environmental data, completed indoor air sampling questionnaire, digital photographs, etc.) to support a proposed action other than that provided in the matrix box and to support agency assessment and follow-up.

[6] The party responsible for implementing the recommended actions will differ depending upon several factors, including the identified source of the volatile chemicals, the environmental remediation program, and site-specific and building-specific conditions. For example, to the extent that all site data and site conditions demonstrate that soil vapor intrusion is not occurring and that the potential for soil vapor intrusion to occur is not likely, the soil vapor intrusion investigation would be considered complete. In general, if indoor exposures represent a concern due to indoor sources, then the State will provide guidance to the property owner and/or tenant on ways to reduce their exposure. If indoor exposures represent a concern due to outdoor sources, then the NYSDEC will decide who is responsible for further investigation and any necessary remediation. Depending upon the outdoor source, this responsibility may or may not fall upon the party conducting the soil vapor intrusion investigation.

Hillmann Consulting, LLC
Boring Log

Soil Boring: SB-1

Project:	Webster Ave	Date Started:	7/17/2013	Lat/Northing:	
Location:	3100 Webster Ave, Bronx, NY	Date Finished:	7/17/2013	Long/Easting:	
Client:	Housing Collaborative	Total Depth:	11.0 ft bgs	Surface Elev:	
Drilling Co.:	Zebra Drilling	Rig Type:	Direct Push	Depth to GW:	
Driller:		Sample Type:	Macrocore		
Logged by:	C. Hirschmann				

Depth (ft bgs)	Split-Spoon/Core No.	Lithology Depth (ft bgs)	Lithology Symbol	Lithology Description	PID/OVM Reading (ppm)	Recovery (inches)	Comments
SURFACE							
0				Gravel FILL	0		Sample S-1 collected from 0-2 ft bgs
							at 0900
1					0		
2					0		
3					0		
4					0		
5				Brown Sandy CLAY	0		
6					0		
7					0		
8					0		
9					0		Sample S-1A collected from 9-11 ft bgs
							at 0900
10					0		
11	END OF BOREHOLE			Refusal on bedrock at 11.0 feet bgs			
12							
13							
14							
15							
16							
17							
18							
19							
20							

Hillmann Consulting, LLC
Boring Log

Soil Boring: SB-2

Project:	Webster Ave	Date Started:	2/26/2013	Lat/Northing:	
Location:	3100 Webster Ave, Bronx, NY	Date Finished:	2/26/2013	Long/Easting:	
Client:	Housing Collaborative	Total Depth:	8.0 ft bgs	Surface Elev:	
Drilling Co.:	Team Drilling	Rig Type:	Direct Push	Depth to GW:	
Driller:	V. Golda	Sample Type:	Macrocore		
Logged by:	C. Hirschmann				

Depth (ft bgs)	Split-Spoon/Core No.	Lithology Depth (ft bgs)	Lithology Symbol	Lithology Description	PID/OVM Reading (ppm)	Recovery (inches)	Comments
SURFACE							
0				CLAY	0		
1					0		
2					0		
3					0		
4					0		
				Clayey SAND			
5					0		
6					0		
7					0		Soil sample S-2 collected at 1015 from 13.5-14.0 feet bgs
8	END OF BOREHOLE			Refusal on rock at 8.0 feet bgs			
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Hillmann Consulting, LLC
Boring Log

Soil Boring: SB-3

Project:	Webster Ave	Date Started:	2/26/2013	Lat/Northing:	
Location:	3100 Webster Ave, Bronx, NY	Date Finished:	2/26/2013	Long/Easting:	
Client:	Housing Collaborative	Total Depth:	14 ft bgs	Surface Elev:	
Drilling Co.:	Team Drilling	Rig Type:	Direct Push	Depth to GW:	
Driller:	V. Golda	Sample Type:	Macrocore		
Logged by:	C. Hirschmann				

Depth (ft bgs)	Split-Spoon/Core No.	Lithology Depth (ft bgs)	Lithology Symbol	Lithology Description	PID/OVM Reading (ppm)	Recovery (inches)	Comments
SURFACE							
0				CLAY	0		
1					0		
2					0		
3					0		
4					0		
				Clayey SAND			
5					0		
6					0		
7					0		
8					0		
9					0		
10					0		
11					0		
12					0		Hydrocarbon odor from 12 - 14 ft bgs
13					0		Soil sample S-3 collected at 1100 from
				Groundwater encountered at 14.0 feet bgs			13.5-14.0 feet bgs
14	END OF BOREHOLE			TWP-3 installed			TWP-3 collected at 110
15							
16							
17							
18							
19							
20							

Hillmann Consulting, LLC
Boring Log

Soil Boring: SB-4

Project:	Webster Ave	Date Started:	2/26/2013	Lat/Northing:	
Location:	3100 Webster Ave, Bronx, NY	Date Finished:	2/26/2013	Long/Easting:	
Client:	Housing Collaborative	Total Depth:	12 ft bgs	Surface Elev:	
Drilling Co.:	Team Drilling	Rig Type:	Direct Push	Depth to GW:	
Driller:	V. Golda	Sample Type:	Macrocore		
Logged by:	C. Hirschmann				

Depth (ft bgs)	Split-Spoon/Core No.	Lithology Depth (ft bgs)	Lithology Symbol	Lithology Description	PID/OVM Reading (ppm)	Recovery (inches)	Comments
SURFACE							
0				Gravel and brick FILL	0		
1					0		
2					0		
3					0		
							Soil sample S-4 collected at 1200
4					0		from 3.5-4.0 feet bgs
				CLAY			
5					0		
6					0		
7					0		
8				Clayey SAND	0		
9					0		
10					0		
11							
12	END OF BOREHOLE			Refusal on rock at 12.0 feet bgs			
13							
14							
15							
16							
17							
18							
19							
20							

Hillmann Consulting, LLC
Boring Log

Soil Boring: SB-5

Project:	Webster Ave	Date Started:	2/26/2013	Lat/Northing:	
Location:	3100 Webster Ave, Bronx, NY	Date Finished:	2/26/2013	Long/Easting:	
Client:	Housing Collaborative	Total Depth:	11 ft bgs	Surface Elev:	
Drilling Co.:	Team Drilling	Rig Type:	Direct Push	Depth to GW:	
Driller:	V. Golda	Sample Type:	Macrocore		
Logged by:	C. Hirschmann				

Depth (ft bgs)	Split-Spoon/Core No.	Lithology Depth (ft bgs)	Lithology Symbol	Lithology Description	PID/OVM Reading (ppm)	Recovery (inches)	Comments
SURFACE							
0				CLAY	0		
1					0		
2					0		
3					0		
4					0		
5					0		
6					0		
7					0		
8				Clayey SAND	0		
9					0		
10					0		Soil sample S-5 collected at 1250 from 10.5-11.0 feet bgs
11	END OF BOREHOLE			Refusal on rock at 11.0 feet bgs			
12							
13							
14							
15							
16							
17							
18							
19							
20							

Hillmann Consulting, LLC
Boring Log

Soil Boring: SB-6

Project:	Webster Ave	Date Started:	2/26/2013	Lat/Northing:	
Location:	3100 Webster Ave, Bronx, NY	Date Finished:	2/26/2013	Long/Easting:	
Client:	Housing Collaborative	Total Depth:	12 ft bgs	Surface Elev:	
Drilling Co.:	Team Drilling	Rig Type:	Direct Push	Depth to GW:	
Driller:	V. Golda	Sample Type:	Macrocore		
Logged by:	C. Hirschmann				

Depth (ft bgs)	Split-Spoon/Core No.	Lithology Depth (ft bgs)	Lithology Symbol	Lithology Description	PID/OVM Reading (ppm)	Recovery (inches)	Comments
SURFACE							
0				CLAY	0		
1					0		
2					0		
3					0		
4					0		
				Clayey SAND			
5					0		
6					0		
7					0		
8					0		
9					0		
10					70		
11					200		Soil sample S-6 at 1300
							from 11.5-12.0 feet bgs
12	END OF BOREHOLE			Refusal on rock at 12.0 feet bgs			
13							
14							
15							
16							
17							
18							
19							
20							

Hillmann Consulting, LLC
Boring Log

Soil Boring: SB-7

Project:	Webster Ave	Date Started:	2/26/2013	Lat/Northing:	
Location:	3100 Webster Ave, Bronx, NY	Date Finished:	2/26/2013	Long/Easting:	
Client:	Housing Collaborative	Total Depth:	5.0 ft bgs	Surface Elev:	
Drilling Co.:	Team Drilling	Rig Type:	Direct Push	Depth to GW:	
Driller:	V. Golda	Sample Type:	Macrocore		
Logged by:	C. Hirschmann				

Depth (ft bgs)	Split-Spoon/Core No.	Lithology Depth (ft bgs)	Lithology Symbol	Lithology Description	PID/OVM Reading (ppm)	Recovery (inches)	Comments
SURFACE							
0				CLAY	0		
1					0		
2					0		
3					0		
4				Clayey SAND	0		Soil sample S-7 collected at 1430 from 4.5-5.0 feet bgs
5	END OF BOREHOLE			Refusal on rock at 5.0 feet bgs			
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Integrated Analytical Laboratories LLC

ANALYTICAL DATA REPORT

Hillmann Consulting, LLC
1600 Route 22 East
Union, NJ 07083

Project Name: **3100 WEBSTER AVE - G6-2034**
IAL Case Number: **E13-06816**

These data have been reviewed and accepted by:

Michael H. Leffin, Ph.D.
Laboratory Director

This report shall not be reproduced, except in its entirety, without the written consent of Integrated Analytical Laboratories, LLC. The test results included in this report relate only to the samples analyzed. The results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

273 Franklin Road
Randolph, NJ 07869
Phone: 973 361 4252
Fax: 973 989 5288

IAL is a NELAC New Jersey Certified Lab (14751) and maintains certification in Connecticut (PH-0699), New York (11402), Rhode Island (00126), Pennsylvania (68-00773) and in the Department of Navy IR QA Program.

E13-06816

INTEGRATED ANALYTICAL LABORATORIES, LLC

CASE NARRATIVE

IAL SDG No.: E13-06816

Sample Received Date: 718/13 @ 15:50

Samples were received in good condition with documentation in order.
Cooler temperature was acceptable at 4°C

Client ID	Sample Date	IAL Lab No.	Analysis/Method
S-1	7/17/2013	06816-001	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-1A	7/17/2013	06816-002	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-2	7/17/2013	06816-003	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-2A	7/17/2013	06816-004	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-3	7/17/2013	06816-005	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-3A	7/17/2013	06816-006	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-4	7/17/2013	06816-007	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-4A	7/17/2013	06816-008	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-5	7/17/2013	06816-009	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-5A	7/17/2013	06816-010	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-6	7/17/2013	06816-011	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-6A	7/17/2013	06816-012	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-7	7/17/2013	06816-013	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-7A	7/17/2013	06816-014	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
MW-1	7/17/2013	06816-015	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), HERB(8151A), METALS(6020/7040A)
MW-3	7/17/2013	06816-016	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), HERB(8151A), METALS(6020/7040A)

INTEGRATED ANALYTICAL LABORATORIES, LLC

CASE NARRATIVE

IAL SDG No.: E13-06816

MW-5	7/17/2013	06816-017	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), HERB(8151A), METALS(6020/7040A)
MW-8	7/17/2013	06816-018	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), HERB(8151A), METALS(6020/7040A)
FIELD BLANK	7/17/2013	06816-019	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), HERB(8151A), METALS(6020/7040A)
TRIP BLANK	7/17/2013	06816-020	VO(8260B)
MW-1 FILT	7/17/2013	06816-021	METALS(6020/7040A)
MW-3 FILT	7/17/2013	06816-022	METALS(6020/7040A)
MW-5 FILT	7/17/2013	06816-023	METALS(6020/7040A)
MW-8 FILT	7/17/2013	06816-024	METALS(6020/7040A)
FIELD BLANK FILT	7/17/2013	06816-025	METALS(6020/7040A)

Except as noted below, all method specific requirements and QA/QC criteria were met.

Volatile Organic Analysis

Batch L130723

Samples listed below were run using methanol preserved sample, as applicable. This sample preservation technique elevates RLs and MDLs 100x versus water preservation. If subsequent dilutions are performed, the RLs and MDLs will increase by that factor (e.g. a methanol sample run at a 5x dilution would elevate RLs and MDLs by 500x). Initial runs using methanol are considered "straight" runs and have a dilution factor of 1.

Sample 004 was run by Meoh and was diluted additional by 10x for high non-target compounds.

Sample 014 was run by Meoh due to high non-target compounds.

Batch F130722-01,F130722-02

MS/MSD were not analyzed due to insufficient sample volume. LCS/LSD were analyzed in their absence to meet method specific QC requirements.

The method blanks (BLKS130722-01, BLKS130722-02) were flagged with a "C" quelifer and 06816-001, 002-003, 005-013 were flagged with a "B" qualifer, indicating laboratory contamination for Methylene Chloride. Methylene chloride is used as a solvent within the laboratory, resulting in occasional laboratory contamination.

Batch L130722

Sample 016 needed 10x dilution due to high concentration of Xylenes.

Sample 017 needed 5x dilution due to high concentration of Xylenes.

INTEGRATED ANALYTICAL LABORATORIES, LLC

CASE NARRATIVE

IAL SDG No.: E13-06816

Semi-Volatile Organic Analysis
Samples 003 and 004 were diluted 2x due to high target compounds.
Sample 005 was diluted 5x due to high target compounds.

PCB Analysis
Samples 001 to 019 were cleaned up using method 3660B to remove sulfur.
Samples 015 to 019 were cleaned up using method 3665A.

Pesticide Analysis
Samples 001 to 019 were cleaned up using method 3660B to remove sulfur.

Metals Analysis
Sample(s) used for aqueous metals analyses contained varying levels of sediment. Precautions were taken to use an aqueous representative of the sample. However, our experience has demonstrated that sample of this nature are very difficult to duplicate because the metals numbers are basically tied into the level of sediment present in the original sample. Additionally, as the remainder of the sample is stored under acidic conditions, some of the metals may continue to leach out into the water making any reproductin of the original number impossible.
The rough amount if sediment present in the samples is as follows: 06816-015: 0.75%; -016: 0.5%; -017: 0.75%; -018: 0.5%.

INTEGRATED ANALYTICAL LABORATORIES, LLC

CASE NARRATIVE

IAL SDG No.: E13-06816

Sample Received Date: 718/13 @ 15:50

Samples were received in good condition with documentation in order.
Cooler temperature was acceptable at 4°C

Client ID	Sample Date	IAL Lab No.	Analysis/Method
S-1	7/17/2013	06816-001	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-1A	7/17/2013	06816-002	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-2	7/17/2013	06816-003	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-2A	7/17/2013	06816-004	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-3	7/17/2013	06816-005	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-3A	7/17/2013	06816-006	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-4	7/17/2013	06816-007	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-4A	7/17/2013	06816-008	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-5	7/17/2013	06816-009	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-5A	7/17/2013	06816-010	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-6	7/17/2013	06816-011	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-6A	7/17/2013	06816-012	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-7	7/17/2013	06816-013	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
S-7A	7/17/2013	06816-014	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), METALS(6020/7041A)
MW-1	7/17/2013	06816-015	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), HERB(8151A), METALS(6020/7040A)
MW-3	7/17/2013	06816-016	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), HERB(8151A), METALS(6020/7040A)

INTEGRATED ANALYTICAL LABORATORIES, LLC

CASE NARRATIVE

IAL SDG No.: E13-06816

MW-5	7/17/2013	06816-017	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), HERB(8151A), METALS(6020/7040A)
MW-8	7/17/2013	06816-018	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), HERB(8151A), METALS(6020/7040A)
FIELD BLANK	7/17/2013	06816-019	VO(8260B), BNA(8270C), PCB(8082), PEST(8081A), HERB(8151A), METALS(6020/7040A)
TRIP BLANK	7/17/2013	06816-020	VO(8260B)
MW-1 FILT	7/17/2013	06816-021	METALS(6020/7040A)
MW-3 FILT	7/17/2013	06816-022	METALS(6020/7040A)
MW-5 FILT	7/17/2013	06816-023	METALS(6020/7040A)
MW-8 FILT	7/17/2013	06816-024	METALS(6020/7040A)
FIELD BLANK FILT	7/17/2013	06816-025	METALS(6020/7040A)

Except as noted below, all method specific requirements and QA/QC criteria were met.

Volatile Organic Analysis

Batch L130723

Samples listed below were run using methanol preserved sample, as applicable. This sample preservation technique elevates RLs and MDLs 100x versus water preservation. If subsequent dilutions are performed, the RLs and MDLs will increase by that factor (e.g. a methanol sample run at a 5x dilution would elevate RLs and MDLs by 500x). Initial runs using methanol are considered "straight" runs and have a dilution factor of 1.

Sample 004 was run by Meoh and was diluted additional by 10x for high non-target compounds.

Sample 014 was run by Meoh due to high non-target compounds.

Batch F130722-01,F130722-02

MS/MSD were not analyzed due to insufficient sample volume. LCS/LSD were analyzed in their absence to meet method specific QC requirements.

The method blanks (BLKS130722-01, BLKS130722-02) were flagged with a "C" qualifer and 06816-001, 002-003, 005-013 were flagged with a "B" qualifer, indicating laboratory contamination for Methylene Chloride. Methylene chloride is used as a solvent within the laboratory, resulting in occasional laboratory contamination.

Batch L130722

Sample 016 needed 10x dilution due to high concentration of Xylenes.

Sample 017 needed 5x dilution due to high concentration of Xylenes.

INTEGRATED ANALYTICAL LABORATORIES, LLC

CASE NARRATIVE

IAL SDG No.: E13-06816

Semi-Volatile Organic Analysis
Samples 003 and 004 were diluted 2x due to high target compounds.
Sample 005 was diluted 5x due to high target compounds.

PCB Analysis
Samples 001 to 019 were cleaned up using method 3660B to remove sulfur.
Samples 015 to 019 were cleaned up using method 3665A.

Pesticide Analysis
Samples 001 to 019 were cleaned up using method 3660B to remove sulfur.

Metals Analysis
Sample(s) used for aqueous metals analyses contained varying levels of sediment. Precautions were taken to use an aqueous representative of the sample. However, our experience has demonstrated that sample of this nature are very difficult to duplicate because the metals numbers are basically tied into the level of sediment present in the original sample. Additionally, as the remainder of the sample is stored under acidic conditions, some of the metals may continue to leach out into the water making any reproductin of the original number impossible.
The rough amount if sediment present in the samples is as follows: 06816-015: 0.75%; -016: 0.5%; -017: 0.75%; -018: 0.5%.

IAL Integrated Analytical Laboratories LLC
Integrated Analytical Labs
273 Franklin Road
Randolph, NJ 07869

Contact Us: 973-361-4252
Fax: 973-989-5288
Web: www.ialonline.com

CUSTOMER INFO

Company: Hillmann Consulting
Address: 1600 Rt 22 East
Union NJ
Telephone #: 908-686-7800
Fax #:
Project Manager: Chris Hirschmann
EMAIL Address: chirschmann@hillmanngroup.com
Sampled by: Chris Hirschmann

COMPLETED BY IAL:
_____ Field Sampling _____ Equipment Rental

Project Name: 6-6-2034
Project Location (State): NY
Bottle Order #:

REPORTING INFO

REPORT TO:
Address:
Attn: Chris Hirschmann
FAX #

INVOICE TO:
Address:
Attn:
PO #
Quote #

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved. Turnaround Time starts the following day if samples rec'd at lab > 5PM

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)
NJ EPH - C40 (5 day TAT)
DRO-8015 (3-5 day TAT) QAM025

Rush TAT Charge **: 24 hr - 100%... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: NJ Results Only, NY Cat A, NJ Reduced, NJ Regulatory, NY Cat B, 15% Surcharge applies, Other (describe)

EDDs: NJ SRP format, NYSDEC, lab approved custom EDD, NO EDD/CD REQ'D

Verbal/Fax: Std 2 wk unless otherwise specified
24 hr** 48 hr** 72 hr** 96 hr** 1 wk**
Other** (specify): Std

Hard Copy: Std 3 week * Other - call for price

Cooler Temp 4 °C

SAMPLE INFORMATION

Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS / # BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TAL/TCL VOC	TAL/TCL SVOC	Pesticide	PCB	TAL Metals	HCL	HNO3	MeOH	NaOH	H2SO4	Other	None	Encore
S-1	0-2	7/17/13	0900	S	5	1	X	X	X	X	X							2	3
S-1A	9-11		0900			2													
S-2	0-2		0910			3													
S-2A	11-13		0915			4													
S-3	0-2		0945			5													
S-3A	8-10		0945			6													
S-4	0-2		1000			7													
S-4A	14-16		1000			8													

Known Hazard: Yes or No
Describe:
Conc. Expected: Low Med High

MDL Req: NJ GWQS, NJ IGW, NJ SRS
NY TOGS, NY CP51, NY Part 375 Restricted (X), NY Part 375 Unrestricted (X)
Other (specify):

Carrier (check one): _____ IAL Courier _____ Client Courier _____ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	7.18.13	1035	Received by:	7/18/13	1430
Relinquished by:	7/18/13	1550	Received by:	7/18/13	1550
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 06816

PAGE: 1 of 3

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Integrated Analytical Labs
273 Franklin Road
Randolph, NJ 07869

Contact Us: 973-361-4252
Fax: 973-989-5288
Web: www.ialonline.com

IAL Integrated Analytical Laboratories LLC

CUSTOMER INFO

Company: Hillmann Consulting
Address:
Telephone #:
Fax #:
Project Manager: Chris Hirschmann
EMAIL Address:
Sampled by:

COMPLETED BY IAL:
_____ Field Sampling _____ Equipment Rental

Project Name: G6-2034
Project Location (State): NY
Bottle Order #:

REPORTING INFO

REPORT TO:
Address:
Attn:
FAX #

INVOICE TO:
Address:
Attn:
PO #
Quote #

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved. Turnaround Time starts the following day if samples rec'd at lab > 5PM

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)
NJ EPH - C40 (5 day TAT)
DRO-8015 (3-5 day TAT) QAM025

Verbal/Fax: Std 2 wk unless otherwise specified
24 hr** 48 hr** 72 hr** 96 hr** 1 wk**
Other** (specify):

Hard Copy: Std 3 week * Other - call for price

Rush TAT Charge **
24 hr - 100%...
48 hr - 75%....
72 hr - 50%....
96 hr - 35%....
5 day - 25%....
6-9 day 10%

Report Format	EDDs
NJ Results Only NY Cat A	NJ SRP format
NJ Reduced	NYSDEC
NJ Regulatory NY Cat B 15% Surcharge applies	lab approved custom EDD
Other (describe)	NO EDD/CD REQD

Cooler Temp 4 °C

SAMPLE INFORMATION

Sample Matrix
DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil
LIQ - Liquid (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS / **# BOTTLES & PRESERVATIVES**

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TAL/TCL VOC	TAL/TCL SVOC	Pesticide	PCB	TAL Metals	HCL	HNO3	MeOH	NaOH	H2SO4	Other	None	Encore
S-5	0-2	7-17-13	1045	S	5	9	X	X	X	X	X							2	3
S-5A	11-13		1047			10													
S-6	0-2		~~1120~~ 1130			11													
S-6A	13-15		~~1120~~ 1170			12													
S-7	0-2		1110			13													2
S-7A	12-14		1120			14													2

Known Hazard: Yes or No
Describe:

Conc. Expected: Low Med High

MDL Req: NJ GWQS / NJ IGW / NJ SRS

NY TOGS / NY CP51 / NY Part 375 Restricted / NY Part 375 Unrestricted

Other (specify):

Carrier (check one): _____ IAL Courier _____ Client Courier _____ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	7-18-13	1030	Received by:	7/18/13	1430
Relinquished by:	7/18/13	1550	Received by:	7/18/13	1550
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 06816

PAGE: 2 of 3

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Integrated Analytical Labs
273 Franklin Road
Randolph, NJ 07869

Integrated Analytical Laboratories LLC

Contact Us: 973-361-4252
Fax: 973-989-5288
Web: www.ialonline.com

CUSTOMER INFO

Company: Hillmann Consulting
Address: 1600 RT 22 East
Union NJ 07083
Telephone #: 908 688 7800
Fax #:
Project Manager: Chris Hirschmann
EMAIL Address: chirschmann@hillmanngroup.com
Sampled by: FM

COMPLETED BY IAL:
_____ Field Sampling _____ Equipment Rental

Project Name: 3100 Webster Ave
Project Location (State): NY
Bottle Order #:

REPORTING INFO

REPORT TO:
Address:
Attn:
FAX #
INVOICE TO:
Address:
Attn:
PO #
Quote #

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved. Turnaround Time starts the following day if samples rec'd at lab > 5PM

***Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE**

PHC - MUST CHOOSE
NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)
NJ EPH - C40 (5 day TAT)
DRO-8015 (3-5 day TAT) QAM025

Verbal/Fax: Std 2 wk unless otherwise specified
24 hr** 48 hr** 72 hr** 96 hr** 1 wk**
Other** (specify):
Hard Copy: Std 3 week* Other - call for price

Rush TAT Charge **: 24 hr - 100%... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: NJ Results Only, NY Cat A, NJ Reduced, NJ Regulatory, NY Cat B, 15% Surcharge applies, Other (describe)

EDDs: NJ SRP format, NYSDEC, lab approved custom EDD, NO EDD/CD REQ'D

Cooler Temp 4 °C

SAMPLE INFORMATION

Sample Matrix
DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil
LIQ - Liquid (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS / **# BOTTLES & PRESERVATIVES**

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	VOCs	SVOCs	TAL Filtered Metals	PCBs	Pesticides	TAL Metals Unfiltered				HCL	HNO3	MeOH	NaOH	H2SO4	Other	None	Encore
MW-1		7/17/13	0900	AQ		15	X	X	X	X	X	X				2	1					4	
MW-3			1019			16	X	X	X	X	X	X				2	1					4	
MW-5			1142			17	X	X	X	X	X	X				2	1					4	
MW 8			1213			18	X	X	X	X	X	X				2	1					4	
Field Blank			1121			19	X	X	X	X	X	X				3	1					8	
Trip Blank			X			20	X									2							

Known Hazard: Yes or No
Describe:
Conc. Expected: Low Med High

MDL Req: NJ GWQS, NJ IGW, NJ SRS, NY TOGS, NY CP51, NY Part 375 Restricted, NY Part 375 Unrestricted, Other (specify):

Carrier (check one): _____ IAL Courier _____ Client Courier _____ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by: Francis Manna	7/17/13		Received by:	7/18/13	1030
Relinquished by:	7/18/13	1030	Received by:	7/18/13	1430
Relinquished by:	7/18/13	1550	Received by:	7/18/13	1550
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments: CPSI + Suite of Compounds

Lab Case # 06846

PAGE: 3 of 3

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PROJECT INFORMATION

E13-06816: 3100 WEBSTER AVE - G6-2034

To: Chris Hirschmann
Hillmann Consulting, LLC.
Fax: 1(908) 686-2636
EMail: chirschmann@hillmanngroup.com

Report To

Hillmann Consulting, LLC
1600 Route 22 East
Union, NJ 07083
Attn: Chris Hirschmann

Bill To

Hillmann Consulting, LLC
1600 Route 22 East
Union, NJ 07083
Attn: Chris Hirschmann

Report Format	P.O. #	Received At Lab	TPHC Due	Verbal Due	Hardcopy Due
Category A		Jul 18, 2013 @ 15:50	NA	Aug 01, 2013	Aug 08, 2013 *

* Any ***Conditional or Hold*** status will delay final hardcopy report sent date.

Diskette Req. Not Required

**** QC Requirement (must meet):** NY Part 375-6.8(a) (UUSCO)

Lab ID	Client Sample ID	Depth	Sampling Time	Matrix	Unit	Field pH/Temp
06816-001	S-1	0/2	07/17/13@09:00	Soil	mg/Kg (ppm)	
06816-002	S-1A	9/11	07/17/13@09:00	Soil	mg/Kg (ppm)	
06816-003	S-2	0/2	07/17/13@09:10	Soil	mg/Kg (ppm)	
06816-004	S-2A	11/13	07/17/13@09:15	Soil	mg/Kg (ppm)	
06816-005	S-3	0/2	07/17/13@09:45	Soil	mg/Kg (ppm)	
06816-006	S-3A	8/10	07/17/13@09:45	Soil	mg/Kg (ppm)	
06816-007	S-4	0/2	07/17/13@10:00	Soil	mg/Kg (ppm)	
06816-008	S-4A	14/16	07/17/13@10:00	Soil	mg/Kg (ppm)	
06816-009	S-5	0/2	07/17/13@10:45	Soil	mg/Kg (ppm)	
06816-010	S-5A	11/13	07/17/13@10:47	Soil	mg/Kg (ppm)	
06816-011	S-6	0/2	07/17/13@11:30	Soil	mg/Kg (ppm)	
06816-012	S-6A	13/15	07/17/13@11:40	Soil	mg/Kg (ppm)	
06816-013	S-7	0/2	07/17/13@11:10	Soil	mg/Kg (ppm)	
06816-014	S-7A	12/14	07/17/13@11:20	Soil	mg/Kg (ppm)	
06816-015	MW-1	NA	07/17/13@09:00	Aqueous	ug/L (ppb)	
06816-016	MW-3	NA	07/17/13@10:19	Aqueous	ug/L (ppb)	
06816-017	MW-5	NA	07/17/13@11:42	Aqueous	ug/L (ppb)	
06816-018	MW-8	NA	07/17/13@12:13	Aqueous	ug/L (ppb)	
06816-019	FIELD BLANK	NA	07/17/13@11:24	Aqueous	ug/L (ppb)	
06816-020	TRIP BLANK	NA	07/17/13	Aqueous	ug/L (ppb)	
06816-021	MW-1 FILT	NA	07/17/13	Aqueous	ug/L (ppb)	
06816-022	MW-3 FILT	NA	07/17/13	Aqueous	ug/L (ppb)	
06816-023	MW-5 FILT	NA	07/17/13	Aqueous	ug/L (ppb)	
06816-024	MW-8 FILT	NA	07/17/13	Aqueous	ug/L (ppb)	
06816-025	FIELD BLANK FILT	NA	07/17/13	Aqueous	ug/L (ppb)	

Sample #	Test	Status	QA Method	TAT	Holding Time Expires

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Phone: 973 361 4252
Fax: 973 989 5288

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E13-06816

IAL
Integrated Analytical Laboratories LLC

PROJECT INFORMATION

E13-06816: 3100 WEBSTER AVE - G6-2034

Sample #	Test	Status	QA Method	TAT	Holding Time Expires
001	TCL VO	Analyze	8260B	STD/2 WKS	7/31/2013
	TCL BNA	Analyze	8270C	STD/2 WKS	7/31/2013
	TCL PCB	Analyze	8082	STD/2 WKS	7/31/2013
	TCL Pesticides	Analyze	8081A	STD/2 WKS	7/31/2013
	TAL Metals	Analyze	6020/7471A	STD/2 WKS	8/14/2013
002	TCL VO	Analyze	8260B	STD/2 WKS	7/31/2013
	TCL BNA	Analyze	8270C	STD/2 WKS	7/31/2013
	TCL PCB	Analyze	8082	STD/2 WKS	7/31/2013
	TCL Pesticides	Analyze	8081A	STD/2 WKS	7/31/2013
	TAL Metals	Analyze	6020/7471A	STD/2 WKS	8/14/2013
003	TCL VO	Analyze	8260B	STD/2 WKS	7/31/2013
	TCL BNA	Analyze	8270C	STD/2 WKS	7/31/2013
	TCL PCB	Analyze	8082	STD/2 WKS	7/31/2013
	TCL Pesticides	Analyze	8081A	STD/2 WKS	7/31/2013
	TAL Metals	Analyze	6020/7471A	STD/2 WKS	8/14/2013
004	TCL VO	Analyze	8260B	STD/2 WKS	7/31/2013
	TCL BNA	Analyze	8270C	STD/2 WKS	7/31/2013
	TCL PCB	Analyze	8082	STD/2 WKS	7/31/2013
	TCL Pesticides	Analyze	8081A	STD/2 WKS	7/31/2013
	TAL Metals	Analyze	6020/7471A	STD/2 WKS	8/14/2013
005	TCL VO	Analyze	8260B	STD/2 WKS	7/31/2013
	TCL BNA	Analyze	8270C	STD/2 WKS	7/31/2013
	TCL PCB	Analyze	8082	STD/2 WKS	7/31/2013
	TCL Pesticides	Analyze	8081A	STD/2 WKS	7/31/2013
	TAL Metals	Analyze	6020/7471A	STD/2 WKS	8/14/2013
006	TCL VO	Analyze	8260B	STD/2 WKS	7/31/2013
	TCL BNA	Analyze	8270C	STD/2 WKS	7/31/2013
	TCL PCB	Analyze	8082	STD/2 WKS	7/31/2013
	TCL Pesticides	Analyze	8081A	STD/2 WKS	7/31/2013
	TAL Metals	Analyze	6020/7471A	STD/2 WKS	8/14/2013
007	TCL VO	Analyze	8260B	STD/2 WKS	7/31/2013
	TCL BNA	Analyze	8270C	STD/2 WKS	7/31/2013
	TCL PCB	Analyze	8082	STD/2 WKS	7/31/2013
	TCL Pesticides	Analyze	8081A	STD/2 WKS	7/31/2013
	TAL Metals	Analyze	6020/7471A	STD/2 WKS	8/14/2013
008	TCL VO	Analyze	8260B	STD/2 WKS	7/31/2013
	TCL BNA	Analyze	8270C	STD/2 WKS	7/31/2013
	TCL PCB	Analyze	8082	STD/2 WKS	7/31/2013
	TCL Pesticides	Analyze	8081A	STD/2 WKS	7/31/2013
	TAL Metals	Analyze	6020/7471A	STD/2 WKS	8/14/2013
009	TCL VO	Analyze	8260B	STD/2 WKS	7/31/2013
	TCL BNA	Analyze	8270C	STD/2 WKS	7/31/2013
	TCL PCB	Analyze	8082	STD/2 WKS	7/31/2013
	TCL Pesticides	Analyze	8081A	STD/2 WKS	7/31/2013

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Randolph, NJ 07869
Phone: 973 361 4252
Fax: 973 989 5288

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E13-06816

IAL
Integrated Analytical Laboratories LLC

PROJECT INFORMATION

E13-06816: 3100 WEBSTER AVE - G6-2034

Sample #	Test	Status	QA Method	TAT	Holding Time Expires
009	TAL Metals	Analyze	6020/7471A	STD/2 WKS	8/14/2013
010	TCL VO	Analyze	8260B	STD/2 WKS	7/31/2013
	TCL BNA	Analyze	8270C	STD/2 WKS	7/31/2013
	TCL PCB	Analyze	8082	STD/2 WKS	7/31/2013
	TCL Pesticides	Analyze	8081A	STD/2 WKS	7/31/2013
	TAL Metals	Analyze	6020/7471A	STD/2 WKS	8/14/2013
011	TCL VO	Analyze	8260B	STD/2 WKS	7/31/2013
	TCL BNA	Analyze	8270C	STD/2 WKS	7/31/2013
	TCL PCB	Analyze	8082	STD/2 WKS	7/31/2013
	TCL Pesticides	Analyze	8081A	STD/2 WKS	7/31/2013
	TAL Metals	Analyze	6020/7471A	STD/2 WKS	8/14/2013
012	TCL VO	Analyze	8260B	STD/2 WKS	7/31/2013
	TCL BNA	Analyze	8270C	STD/2 WKS	7/31/2013
	TCL PCB	Analyze	8082	STD/2 WKS	7/31/2013
	TCL Pesticides	Analyze	8081A	STD/2 WKS	7/31/2013
	TAL Metals	Analyze	6020/7471A	STD/2 WKS	8/14/2013
013	TCL VO	Analyze	8260B	STD/2 WKS	7/31/2013
	TCL BNA	Analyze	8270C	STD/2 WKS	7/31/2013
	TCL PCB	Analyze	8082	STD/2 WKS	7/31/2013
	TCL Pesticides	Analyze	8081A	STD/2 WKS	7/31/2013
	TAL Metals	Analyze	6020/7471A	STD/2 WKS	8/14/2013
014	TCL VO	Analyze	8260B	STD/2 WKS	7/31/2013
	TCL BNA	Analyze	8270C	STD/2 WKS	7/31/2013
	TCL PCB	Analyze	8082	STD/2 WKS	7/31/2013
	TCL Pesticides	Analyze	8081A	STD/2 WKS	7/31/2013
	TAL Metals	Analyze	6020/7471A	STD/2 WKS	8/14/2013
015	TCL VO	Analyze	8260B	STD/2 WKS	7/31/2013
	VO Project Revision	Analyze		STD/2 WKS	7/31/2013
	SVOC Project Revision	Analyze	625	STD/2 WKS	7/24/2013
	TCL BNA	Analyze	8270C	STD/2 WKS	7/24/2013
	TCL PCB	Analyze	8082	STD/2 WKS	7/24/2013
	Herbicides	Analyze	8151A	STD/2 WKS	7/24/2013
	TCL Pesticides	Analyze	8081A	STD/2 WKS	7/24/2013
	Metals Filtration	Analyze		STD/2 WKS	8/14/2013
	TAL Metals	Analyze	6020/7470A	STD/2 WKS	8/14/2013
016	TCL VO	Analyze	8260B	STD/2 WKS	7/31/2013
	VO Project Revision	Analyze		STD/2 WKS	7/31/2013
	TCL BNA	Analyze	8270C	STD/2 WKS	7/24/2013
	SVOC Project Revision	Analyze	625	STD/2 WKS	7/24/2013
	TCL PCB	Analyze	8082	STD/2 WKS	7/24/2013
	Herbicides	Analyze	8151A	STD/2 WKS	7/24/2013
	TCL Pesticides	Analyze	8081A	STD/2 WKS	7/24/2013
	Metals Filtration	Analyze		STD/2 WKS	8/14/2013
	TAL Metals	Analyze	6020/7470A	STD/2 WKS	8/14/2013

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E13-06816

IAL
Integrated Analytical Laboratories LLC

PROJECT INFORMATION

E13-06816: 3100 WEBSTER AVE - G6-2034

Sample #	Test	Status	QA Method	TAT	Holding Time Expires
017	TCL VO	Analyze	8260B	STD/2 WKS	7/31/2013
	VO Project Revision	Analyze		STD/2 WKS	7/31/2013
	TCL BNA	Analyze	8270C	STD/2 WKS	7/24/2013
	SVOC Project Revision	Analyze	625	STD/2 WKS	7/24/2013
	TCL PCB	Analyze	8082	STD/2 WKS	7/24/2013
	Herbicides	Analyze	8151A	STD/2 WKS	7/24/2013
	TCL Pesticides	Analyze	8081A	STD/2 WKS	7/24/2013
	Metals Filtration	Analyze		STD/2 WKS	8/14/2013
	TAL Metals	Analyze	6020/7470A	STD/2 WKS	8/14/2013
018	VO Project Revision	Analyze		STD/2 WKS	7/31/2013
	TCL VO	Analyze	8260B	STD/2 WKS	7/31/2013
	TCL BNA	Analyze	8270C	STD/2 WKS	7/24/2013
	SVOC Project Revision	Analyze	625	STD/2 WKS	7/24/2013
	TCL PCB	Analyze	8082	STD/2 WKS	7/24/2013
	Herbicides	Analyze	8151A	STD/2 WKS	7/24/2013
	TCL Pesticides	Analyze	8081A	STD/2 WKS	7/24/2013
	TAL Metals	Analyze	6020/7470A	STD/2 WKS	8/14/2013
	Metals Filtration	Analyze		STD/2 WKS	8/14/2013
019	TCL VO	Analyze	8260B	STD/2 WKS	7/31/2013
	VO Project Revision	Analyze		STD/2 WKS	7/31/2013
	TCL BNA	Analyze	8270C	STD/2 WKS	7/24/2013
	SVOC Project Revision	Analyze	625	STD/2 WKS	7/24/2013
	TCL PCB	Analyze	8082	STD/2 WKS	7/24/2013
	Herbicides	Analyze	8151A	STD/2 WKS	7/24/2013
	TCL Pesticides	Analyze	8081A	STD/2 WKS	7/24/2013
	Metals Filtration	Analyze		STD/2 WKS	8/14/2013
	TAL Metals	Analyze	6020/7470A	STD/2 WKS	8/14/2013
020	VO Project Revision	Analyze		STD/2 WKS	7/31/2013
	TCL VO	Analyze	8260B	STD/2 WKS	7/31/2013
021	TAL Metals	Analyze	6020/7470A	STD/2 WKS	8/14/2013
022	TAL Metals	Analyze	6020/7470A	STD/2 WKS	8/14/2013
023	TAL Metals	Analyze	6020/7470A	STD/2 WKS	8/14/2013
024	TAL Metals	Analyze	6020/7470A	STD/2 WKS	8/14/2013
025	TAL Metals	Analyze	6020/7470A	STD/2 WKS	8/14/2013

Project Notes:

NOTE 1 taken by melissa on 07/19/2013 11:33

PER CHRIS HIRSCHMANN, REPORT TCL LISTS.

SVOC = BNA

NO TICS ON VO OR BNA ANALYSIS.

QC REQUIREMENT IS NY PART 375 - UNRESTRICTED

273 Franklin Road
Randolph, NJ 07869
Phone: 973 361 4252
Fax: 973 989 5288

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E13-06816

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PROJECT INFORMATION

E13-06816: 3100 WEBSTER AVE - G6-2034

REV 1 taken by Mark on 07/22/2013 08:50

BNA ON SAMPLES #015 - 019 SHOULD BE RUN BY METHOD 8270C

REV 2 taken by kim on 07/22/2013 03:32

PER CHRIS HIRSCHMANN, ANALYZE GROUNDWATER SAMPLES FOR COMPOUNDS LISTED IN CP-51 PROTECTION OF GROUNDWATER, MINUS PARATHION.

FOR SAMPLES 015-020, ALSO REPORT 1,3-DICHLOROPROPANE, 1,2,3-TRICHLOROPROPANE AND p-ISOPROPYLTOLUENE ON VO.

FOR SAMPLES 015-019, ALSO REPORT ANILINE AND BENZOIC ACID ON BNA.

ANALYZE SAMPLES 015-019 FOR HERBICIDES - REPORT ONLY 2,4-D AND 2,4,5,-T.

273 Franklin Road
Randolph, NJ 07869
Phone: 973 361 4252
Fax: 973 989 5288

IAL is a NELAP New Jersey Accredited Lab (14751) and maintains certification in Connecticut (PH-0699), New York (11402), Pennsylvania (68-00773) and West Virginia TO-15 and Method 18

INTEGRATED ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIPT VERIFICATION

CASE NO: **E 13** **06816** CLIENT: Hillmen

COOLER TEMPERATURE: 2° - 6°C: ✓ (See Chain of Custody)

COC: (COMPLETE) / INCOMPLETE

Comments

KEY

✓ = **YES/NA**
✗ = **NO**

VOA received: (check one) ☑ Encore ☐ Terra Core ☐ IGW - Methanol ☐ No Preservative

✓	Bottles Intact	
✗	no-Missing Bottles	Recount 2 encore not 3 for #'s 11 + 12
✗	no-Extra Bottles	Recount 3 encores for #'s 13 + 14
✓	Sufficient Sample Volume	
✓	no-headspace/bubbles in VOs	
✓	Labels intact/correct	
✓	pH Check (exclude VOs)[1]	
✓	Correct bottles/preservative	
✓	Sufficient Holding/Prep Time[1]	
☐	Multiphasic Sample	
☐	Sample to be Subcontracted	
✓	**Chain of Custody is Clear**	

[1] All samples with "Analyze Immediately" holding times will be analyzed by this laboratory past the holding time. This includes but is not limited to the following tests: pH, Temperature, Free Residual Chlorine, Total Residual Chlorine, Dissolved Oxygen, Sulfite.

ADDITIONAL COMMENTS:

SAMPLE(S) VERIFIED BY: INITIAL [illegible] DATE 7/18/13

CORRECTIVE ACTION REQUIRED: **YES** ☐ (SEE BELOW) **NO** ☐

If COC is **NOT** clear, ***STOP*** until you get client to authorize/clarify work.

CLIENT NOTIFIED: YES ☐ Date/ Time: _____ NO ☐

PROJECT CONTACT:

SUBCONTRACTED LAB:

DATE SHIPPED:

ADDITIONAL COMMENTS:

VERIFIED/TAKEN BY: INITIAL [illegible] DATE 7/19/13

REV 03/2013

E13-06816

Laboratory Custody Chronicle

IAL Case No.

E13-06816

Client Hillmann Consulting, LLC

Project 3100 WEBSTER AVE - G6-2034

Received On 7/18/2013@15:50

Department: Volatiles			Prep. Date	Analyst	Analysis Date	Analyst
TCL VO	06816-001	Soil	n/a	n/a	7/22/13	Xing
"	-002	"	n/a	n/a	7/22/13	Xing
"	-003	"	n/a	n/a	7/22/13	Xing
"	-004	"	n/a	n/a	7/23/13	Xing
"	-005	"	n/a	n/a	7/22/13	Xing
"	-006	"	n/a	n/a	7/23/13	Xing
"	-007	"	n/a	n/a	7/23/13	Xing
"	-008	"	n/a	n/a	7/23/13	Xing
"	-009	"	n/a	n/a	7/23/13	Xing
"	-010	"	n/a	n/a	7/23/13	Xing
"	-011	"	n/a	n/a	7/23/13	Xing
"	-012	"	n/a	n/a	7/23/13	Xing
"	-013	"	n/a	n/a	7/23/13	Xing
"	-014	"	n/a	n/a	7/23/13	Xing
"	-015	Aqueous	n/a	n/a	7/22/13	Mei
"	-016	"	n/a	n/a	7/22/13	Mei
"	-017	"	n/a	n/a	7/22/13	Mei
"	-018	"	n/a	n/a	7/22/13	Mei
"	-019	"	n/a	n/a	7/22/13	Mei
"	-020	"	n/a	n/a	7/22/13	Mei

Department: Semivolatiles			Prep. Date	Analyst	Analysis Date	Analyst
TCL BNA	-001	Soil	7/19/13	Kou-Liang	7/23/13	JC
"	-002	"	7/19/13	Kou-Liang	7/23/13	JC
"	-003	"	7/19/13	Kou-Liang	7/23/13	JC
"	-004	"	7/19/13	Kou-Liang	7/23/13	JC
"	-005	"	7/19/13	Kou-Liang	7/23/13	JC
"	-006	"	7/19/13	Kou-Liang	7/23/13	JC
"	-007	"	7/19/13	Kou-Liang	7/23/13	JC
"	-008	"	7/19/13	Kou-Liang	7/23/13	JC
"	-009	"	7/19/13	Kou-Liang	7/23/13	JC
"	-010	"	7/19/13	Kou-Liang	7/23/13	JC
"	-011	"	7/19/13	Kou-Liang	7/23/13	JC
"	-012	"	7/19/13	Kou-Liang	7/23/13	JC
"	-013	"	7/19/13	Kou-Liang	7/23/13	JC
"	-014	"	7/23/13	Kou-Liang	7/24/13	Eleanor
"	-015	Aqueous	7/22/13	Kou-Liang	7/22/13	Dana
"	-016	"	7/22/13	Kou-Liang	7/22/13	Dana
"	-017	"	7/22/13	Kou-Liang	7/22/13	Dana
"	-018	"	7/22/13	Kou-Liang	7/22/13	Dana
"	-019	"	7/22/13	Kou-Liang	7/22/13	Dana

Department: GC			Prep. Date	Analyst	Analysis Date	Analyst
Herbicides	-015	Aqueous	7/24/13	Archimede	7/26/13	Justyna
"	-016	"	7/24/13	Archimede	7/26/13	Justyna

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Client Hillmann Consulting, LLC

Project 3100 WEBSTER AVE - G6-2034

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"	-017	"	7/24/13	Archimede	7/26/13	Justyna
"	-018	"	7/24/13	Archimede	7/26/13	Justyna
"	-019	"	7/24/13	Archimede	7/26/13	Justyna
TCL PCB	-001	Soil	7/26/13	Archimede	7/27/13	Justyna
"	-002	"	7/26/13	Archimede	7/27/13	Justyna
"	-003	"	7/26/13	Archimede	7/27/13	Justyna
"	-004	"	7/26/13	Archimede	7/27/13	Justyna
"	-005	"	7/26/13	Archimede	7/27/13	Justyna
"	-006	"	7/26/13	Archimede	7/27/13	Justyna
"	-007	"	7/26/13	Archimede	7/27/13	Justyna
"	-008	"	7/26/13	Archimede	7/27/13	Justyna
"	-009	"	7/26/13	Archimede	7/27/13	Justyna
"	-010	"	7/26/13	Archimede	7/27/13	Justyna
"	-011	"	7/26/13	Archimede	7/27/13	Justyna
"	-012	"	7/26/13	Archimede	7/27/13	Justyna
"	-013	"	7/26/13	Archimede	7/27/13	Justyna
"	-014	"	7/26/13	Archimede	7/27/13	Justyna
"	-015	Aqueous	7/24/13	Archimede	7/25/13	Justyna
"	-016	"	7/24/13	Archimede	7/25/13	Justyna
"	-017	"	7/24/13	Archimede	7/25/13	Justyna
"	-018	"	7/24/13	Archimede	7/25/13	Justyna
"	-019	"	7/24/13	Archimede	7/25/13	Justyna
TCL Pesticides	-001	Soil	7/26/13	Archimede	7/29/13	Iwona
"	-002	"	7/26/13	Archimede	7/29/13	Iwona
"	-003	"	7/26/13	Archimede	7/29/13	Iwona
"	-004	"	7/26/13	Archimede	7/29/13	Iwona
"	-005	"	7/26/13	Archimede	7/29/13	Iwona
"	-006	"	7/26/13	Archimede	7/29/13	Iwona
"	-007	"	7/26/13	Archimede	7/29/13	Iwona
"	-008	"	7/26/13	Archimede	7/29/13	Iwona
"	-009	"	7/26/13	Archimede	7/29/13	Iwona
"	-010	"	7/26/13	Archimede	7/29/13	Iwona
"	-011	"	7/26/13	Archimede	7/29/13	Iwona
"	-012	"	7/26/13	Archimede	7/29/13	Iwona
"	-013	"	7/26/13	Archimede	7/29/13	Iwona
"	-014	"	7/26/13	Archimede	7/29/13	Iwona
"	-015	Aqueous	7/24/13	Archimede	7/26/13	Iwona
"	-016	"	7/24/13	Archimede	7/26/13	Iwona
"	-017	"	7/24/13	Archimede	7/26/13	Iwona
"	-018	"	7/24/13	Archimede	7/26/13	Iwona
"	-019	"	7/24/13	Archimede	7/26/13	Iwona

Department: Metals			***Prep. Date***	***Analyst***	***Analysis Date***	***Analyst***
TAL Metals	-001	Soil	7/22/13	Lisa	7/22/13	Danielle
"	-002	"	7/22/13	Lisa	7/22/13	Danielle
"	-003	"	7/22/13	Lisa	7/22/13	Danielle
"	-004	"	7/22/13	Lisa	7/22/13	Danielle

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IAL Case No.
E13-06816

Client Hillmann Consulting, LLC

Project 3100 WEBSTER AVE - G6-2034

Received On 7/18/2013@15:50

"	-005	"	7/22/13	Lisa	7/22/13	Danielle
"	-006	"	7/22/13	Lisa	7/22/13	Danielle
"	-007	"	7/22/13	Lisa	7/22/13	Danielle
"	-008	"	7/22/13	Lisa	7/22/13	Danielle
"	-009	"	7/22/13	Lisa	7/22/13	Danielle
"	-010	"	7/22/13	Lisa	7/22/13	Danielle
"	-011	"	7/22/13	Lisa	7/22/13	Danielle
"	-012	"	7/22/13	Lisa	7/22/13	Danielle
"	-013	"	7/22/13	Lisa	7/22/13	Danielle
"	-014	"	7/22/13	Lisa	7/22/13	Danielle
"	-015	Aqueous	7/23/13	Lisa	7/24/13	Danielle
"	-016	"	7/23/13	Lisa	7/24/13	Danielle
"	-017	"	7/23/13	Lisa	7/24/13	Danielle
"	-018	"	7/23/13	Lisa	7/24/13	Danielle
"	-019	"	7/23/13	Lisa	7/24/13	Danielle
"	-021	"	7/23/13	Lisa	7/24/13	Danielle
"	-022	"	7/23/13	Lisa	7/24/13	Danielle
"	-023	"	7/23/13	Lisa	7/24/13	Danielle
"	-024	"	7/23/13	Lisa	7/24/13	Danielle
"	-025	"	7/23/13	Lisa	7/24/13	Danielle

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E13-06816

INTEGRATED ANALYTICAL LABORATORIES, LLC.

DEFINITIONS / QUALIFIERS

DATA QUALIFIERS

B Indicates the analyte was found in the associated method blank as well as in the sample. It indicates probable laboratory contamination.

C Indicates analyte is a common laboratory contaminant.

D Indicated analyte was reported from diluted analysis.

E Identifies a compound concentration that exceeds the upper level of the calibration range of the instrument for that specific analysis.

J Indicates an estimated value. This flag is used when the concentration in the sample is below the RL but above the MDL.

REPORTING DEFINITIONS

RL Reporting Limit. The RL is determined by the lowest concentration in the calibration curve. For most Wet Chemistry methods, the RL is defined by using the PQL.

MDL Method Detection Limit as determined according to 40CFR Part 136 Appendix B.

PQL Practical Quantitation Limit. Usually defined as a value 3-5 times the MDL.

ND Indicates analyte was analyzed for but not detected above the MDL.

DF Dilution Factor

LCS Laboratory Control Sample

LCSD Laboratory Control Sample Duplicate

MS Matrix Spike

MSD Matrix Spike Duplicate

DUP Duplicate

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: Hillmann Consulting, LLC
Project: 3100 WEBSTER AVE - G6-2034
Lab Case No.: E13-06816

Lab ID:	06816-015			06816-016			06816-017			06816-018		
Client ID:	MW-1			MW-3			MW-5			MW-8		
Matrix:	Aqueous			Aqueous			Aqueous			Aqueous		
Sampled Date	7/17/13			7/17/13			7/17/13			7/17/13		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
Volatiles (Units)	*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*		
Methyl tert-butyl ether (MTBE)	2.47		0.250	ND		2.50	ND		1.25	ND		0.250
Benzene	ND		0.240	ND		2.40	1.87	J	1.20	ND		0.240
Toluene	ND		0.250	14.9		2.50	11.1		1.25	ND		0.250
Ethylbenzene	ND		0.350	578		3.50	481		1.75	ND		0.350
Total Xylenes	ND		0.610	1740		6.10	352		3.10	ND		0.610
Isopropylbenzene	ND		0.240	75.6		2.40	44.8		1.20	ND		0.240
Cyclohexane	ND		0.450	130		4.50	59.7		2.25	ND		0.450
Methylcyclohexane	ND		0.420	69.1		4.20	31.7		2.10	ND		0.420
TOTAL VO's:	2.47			2610			982	J		ND		
Semivolatiles - BNA (Units)	*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*		
Naphthalene	ND		0.337	37.8		0.337	32.5		0.337	ND		0.337
2-Methylnaphthalene	ND		0.343	17.3		0.343	4.62		0.343	ND		0.343
Acenaphthylene	ND		0.292	ND		0.292	ND		0.292	1.10		0.292
Acenaphthene	ND		0.347	ND		0.347	ND		0.347	5.09		0.347
Fluorene	ND		0.311	ND		0.311	ND		0.311	4.58		0.311
Phenanthrene	ND		0.375	ND		0.375	ND		0.375	6.05		0.375
Anthracene	ND		0.351	ND		0.351	ND		0.351	1.11		0.351
Fluoranthene	ND		0.291	ND		0.291	ND		0.291	1.49		0.291
Pyrene	ND		0.377	ND		0.377	ND		0.377	5.77		0.377
TOTAL BNA'S:	ND			55.1			37.1			25.2		
PCB's (Units)	*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*		
Aroclor-1016	ND		0.020	ND		0.020	ND		0.020	ND		0.020
Aroclor-1221	ND		0.020	ND		0.020	ND		0.020	ND		0.020
Aroclor-1232	ND		0.020	ND		0.020	ND		0.020	ND		0.020
Aroclor-1242	ND		0.020	ND		0.020	ND		0.020	ND		0.020
Aroclor-1248	ND		0.020	ND		0.020	ND		0.020	ND		0.020
Aroclor-1254	ND		0.020	ND		0.020	ND		0.020	ND		0.020
Aroclor-1260	ND		0.020	ND		0.020	ND		0.020	ND		0.020
Aroclor-1262	ND		0.020	ND		0.020	ND		0.020	ND		0.020
Aroclor-1268	ND		0.020	ND		0.020	ND		0.020	ND		0.020
PCBs	ND		0.020	ND		0.020	ND		0.020	ND		0.020

ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the RL and above the MDL
All qualifiers on individual Volatiles & Semivolatiles are carried down through summation.

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT

Client: Hillmann Consulting, LLC
Project: 3100 WEBSTER AVE - G6-2034
Lab Case No.: E13-06816

Lab ID:	06816-015			06816-016			06816-017			06816-018		
Client ID:	MW-1			MW-3			MW-5			MW-8		
Matrix:	Aqueous			Aqueous			Aqueous			Aqueous		
Sampled Date	7/17/13			7/17/13			7/17/13			7/17/13		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
Pesticides (Units)	*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*		
alpha-BHC	ND		0.005	ND		0.005	ND		0.005	ND		0.005
beta-BHC	ND		0.005	ND		0.005	ND		0.005	ND		0.005
gamma-BHC (Lindane)	ND		0.005	ND		0.005	ND		0.005	ND		0.005
delta-BHC	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Heptachlor	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Aldrin	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Heptachlor epoxide	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Endosulfan I	ND		0.005	ND		0.005	ND		0.005	ND		0.005
4,4'-DDE	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Dieldrin	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Endrin	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Endosulfan II	ND		0.005	ND		0.005	ND		0.005	ND		0.005
4,4'-DDD	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Endrin aldehyde	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Endosulfan sulfate	ND		0.005	ND		0.005	ND		0.005	ND		0.005
4,4'-DDT	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Endrin ketone	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Methoxychlor	ND		0.005	ND		0.005	ND		0.005	ND		0.005
alpha-Chlordane	ND		0.005	ND		0.005	ND		0.005	ND		0.005
gamma-Chlordane	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Toxaphene	ND		0.060	ND		0.060	ND		0.060	ND		0.060
Endosulfan (I and II)	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Chlordane (alpha and gamma)	ND		0.005	ND		0.005	ND		0.005	ND		0.005
Herbicides (Units)	*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*		
2,4-D	ND		0.120	ND		0.100	ND		0.100	ND		0.100
2,4,5-T	ND		0.120	ND		0.100	ND		0.100	ND		0.100
Metals (Units)	*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*		
Aluminum	8430		20.0	2640		20.0	4620		20.0	5370		20.0
Antimony	1.93	J	1.00	ND		1.00	ND		1.00	ND		1.00
Arsenic	1.43	J	1.00	1.33	J	1.00	3.58		1.00	1.29	J	1.00
Barium	272		10.0	306		10.0	395		10.0	549		10.0
Beryllium	ND		1.00	ND		1.00	ND		1.00	ND		1.00
Cadmium	ND		0.500	ND		0.500	0.611	J	0.500	ND		0.500
Calcium	156000		100	112000		100	112000		100	129000		100
Chromium	55.6		2.00	6.69	J	2.00	13.1		2.00	17.1		2.00
Cobalt	74.2		2.00	4.47	J	2.00	15.8		2.00	6.88	J	2.00
Copper	15.4		4.00	38.1		4.00	18.6		4.00	6.44	J	4.00
Iron	9690		50.0	13200		50.0	20400		50.0	12000		50.0
Lead	1.08	J	0.500	13.0		0.500	64.0		0.500	24.5		0.500
Magnesium	35000		50.0	16900		50.0	32600		50.0	28800		50.0
Manganese	7830		2.00	6570		2.00	7100		2.00	1800		2.00
Mercury	ND		0.300	ND		0.300	ND		0.300	ND		0.300
Nickel	67.1		1.00	7.20		1.00	38.5		1.00	15.5		1.00
Potassium	48700		50.0	9320		50.0	9830		50.0	21900		50.0
Selenium	33.7		4.00	7.23	J	4.00	ND		4.00	4.40	J	4.00
Silver	2.51		0.500	ND		0.500	ND		0.500	0.511	J	0.500
Sodium	190000		100	49200		100	134000		100	483000		100
Thallium	ND		0.500	ND		0.500	ND		0.500	ND		0.500
Vanadium	25.3		2.00	8.93		2.00	24.5		2.00	24.0		2.00
Zinc	81.1		4.00	52.5		4.00	333		4.00	47.0		4.00

ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the RL and above the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: Hillmann Consulting, LLC
Project: 3100 WEBSTER AVE - G6-2034
Lab Case No.: E13-06816

Lab ID:	06816-019			06816-020			06816-021			06816-022		
Client ID:	FIELD BLANK			TRIP BLANK			MW-1 FILT			MW-3 FILT		
Matrix:	Aqueous			Aqueous			Aqueous			Aqueous		
Sampled Date	7/17/13			7/17/13			7/17/13			7/17/13		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
Volatiles (Units)	*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*		
TOTAL VO's:	ND			ND			~		~	~		~
Semivolatiles - BNA (Units)	*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*		
TOTAL BNA'S:	ND			~		~	~		~	~		~
PCB's (Units)	*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*		
Aroclor-1016	ND		0.020	~		~	~		~	~		~
Aroclor-1221	ND		0.020	~		~	~		~	~		~
Aroclor-1232	ND		0.020	~		~	~		~	~		~
Aroclor-1242	ND		0.020	~		~	~		~	~		~
Aroclor-1248	ND		0.020	~		~	~		~	~		~
Aroclor-1254	ND		0.020	~		~	~		~	~		~
Aroclor-1260	ND		0.020	~		~	~		~	~		~
Aroclor-1262	ND		0.020	~		~	~		~	~		~
Aroclor-1268	ND		0.020	~		~	~		~	~		~
PCBs	ND		0.020	~		~	~		~	~		~
Pesticides (Units)	*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*		
alpha-BHC	ND		0.005	~		~	~		~	~		~
beta-BHC	ND		0.005	~		~	~		~	~		~
gamma-BHC (Lindane)	ND		0.005	~		~	~		~	~		~
delta-BHC	ND		0.005	~		~	~		~	~		~
Heptachlor	ND		0.005	~		~	~		~	~		~
Aldrin	ND		0.005	~		~	~		~	~		~
Heptachlor epoxide	ND		0.005	~		~	~		~	~		~
Endosulfan I	ND		0.005	~		~	~		~	~		~
4,4'-DDE	ND		0.005	~		~	~		~	~		~
Dieldrin	ND		0.005	~		~	~		~	~		~
Endrin	ND		0.005	~		~	~		~	~		~
Endosulfan II	ND		0.005	~		~	~		~	~		~
4,4'-DDD	ND		0.005	~		~	~		~	~		~
Endrin aldehyde	ND		0.005	~		~	~		~	~		~
Endosulfan sulfate	ND		0.005	~		~	~		~	~		~
4,4'-DDT	ND		0.005	~		~	~		~	~		~
Endrin ketone	ND		0.005	~		~	~		~	~		~
Methoxychlor	ND		0.005	~		~	~		~	~		~
alpha-Chlordane	ND		0.005	~		~	~		~	~		~
gamma-Chlordane	ND		0.005	~		~	~		~	~		~
Toxaphene	ND		0.060	~		~	~		~	~		~
Endosulfan (I and II)	ND		0.005	~		~	~		~	~		~
Chlordane (alpha and gamma)	ND		0.005	~		~	~		~	~		~
Herbicides (Units)	*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*		
2,4-D	ND		0.100	~		~	~		~	~		~
2,4,5-T	ND		0.100	~		~	~		~	~		~

ND = Analyzed for but Not Detected at the MDL
~ = Sample not analyzed for

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: Hillmann Consulting, LLC
Project: 3100 WEBSTER AVE - G6-2034
Lab Case No.: E13-06816

Lab ID:	06816-019			06816-020			06816-021			06816-022		
Client ID:	FIELD BLANK			TRIP BLANK			MW-1 FILT			MW-3 FILT		
Matrix:	Aqueous			Aqueous			Aqueous			Aqueous		
Sampled Date	7/17/13			7/17/13			7/17/13			7/17/13		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
Metals (Units)	*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*		
Aluminum	ND		20.0	~		~	ND		20.0	ND		20.0
Antimony	ND		1.00	~		~	1.84	J	1.00	ND		1.00
Arsenic	ND		1.00	~		~	1.36	J	1.00	ND		1.00
Barium	ND		10.0	~		~	122		10.0	142		10.0
Beryllium	ND		1.00	~		~	ND		1.00	ND		1.00
Cadmium	ND		0.500	~		~	ND		0.500	ND		0.500
Calcium	ND		100	~		~	146000		100	108000		100
Chromium	ND		2.00	~		~	3.54	J	2.00	ND		2.00
Cobalt	ND		2.00	~		~	ND		2.00	ND		2.00
Copper	ND		4.00	~		~	ND		4.00	ND		4.00
Iron	ND		50.0	~		~	ND		50.0	ND		50.0
Lead	ND		0.500	~		~	ND		0.500	ND		0.500
Magnesium	ND		50.0	~		~	28300		50.0	16300		50.0
Manganese	ND		2.00	~		~	ND		2.00	2990		2.00
Mercury	ND		0.300	~		~	ND		0.300	ND		0.300
Nickel	ND		1.00	~		~	ND		1.00	ND		1.00
Potassium	ND		50.0	~		~	45500		50.0	9110		50.0
Selenium	ND		4.00	~		~	31.2		4.00	7.06		4.00
Silver	ND		0.500	~		~	2.39		0.500	ND		0.500
Sodium	ND		100	~		~	187000		100	46300		100
Thallium	ND		0.500	~		~	ND		0.500	ND		0.500
Vanadium	ND		2.00	~		~	3.77	J	2.00	ND		2.00
Zinc	ND		4.00	~		~	7.24	J	4.00	7.04	J	4.00

~ = Sample not analyzed for
ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the RL and above the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: Hillmann Consulting, LLC
Project: 3100 WEBSTER AVE - G6-2034
Lab Case No.: E13-06816

Lab ID:	06816-023			06816-024			06816-025		
Client ID:	MW-5 FILT			MW-8 FILT			FIELD BLANK FILT		
Matrix:	Aqueous			Aqueous			Aqueous		
Sampled Date	7/17/13			7/17/13			7/17/13		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
Metals (Units)	*(ug/L-ppb)*			*(ug/L-ppb)*			*(ug/L-ppb)*		
Aluminum	83.4		20.0	ND		20.0	ND		20.0
Antimony	ND		1.00	ND		1.00	ND		1.00
Arsenic	ND		1.00	ND		1.00	ND		1.00
Barium	224		10.0	386		10.0	ND		10.0
Beryllium	ND		1.00	ND		1.00	ND		1.00
Cadmium	ND		0.500	ND		0.500	ND		0.500
Calcium	109000		100	112000		100	ND		100
Chromium	ND		2.00	ND		2.00	ND		2.00
Cobalt	2.65	J	2.00	ND		2.00	ND		2.00
Copper	ND		4.00	ND		4.00	ND		4.00
Iron	1550		50.0	ND		50.0	ND		50.0
Lead	ND		0.500	ND		0.500	ND		0.500
Magnesium	32400		50.0	22800		50.0	ND		50.0
Manganese	6900		2.00	1470		2.00	ND		2.00
Mercury	ND		0.300	ND		0.300	ND		0.300
Nickel	3.50	J	1.00	3.32	J	1.00	ND		1.00
Potassium	9490		50.0	18500		50.0	ND		50.0
Selenium	ND		4.00	ND		4.00	ND		4.00
Silver	ND		0.500	ND		0.500	ND		0.500
Sodium	131000		100	439000		100	ND		100
Thallium	ND		0.500	ND		0.500	ND		0.500
Vanadium	ND		2.00	ND		2.00	ND		2.00
Zinc	4.21	J	4.00	6.64	J	4.00	ND		4.00

Lab ID:	06816-001			06816-002			06816-003			06816-004		
Client ID:	S-1			S-1A			S-2			S-2A		
Depth:	0/2			9/11			0/2			11/13		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/17/13			7/17/13			7/17/13			7/17/13		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
Volatiles (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Methylene chloride	0.00322	B	0.00222	0.00634	B	0.00238	0.00478	B	0.0022	ND		2.09
Benzene	ND		0.000302	ND		0.000324	ND		0.0003	0.353	J	0.264
Toluene	ND		0.00028	ND		0.0003	ND		0.000278	0.674	J	0.285
Ethylbenzene	ND		0.000314	ND		0.000336	ND		0.000311	26.0		0.380
Total Xylenes	ND		0.0009	ND		0.00096	ND		0.00089	185		0.700
Isopropylbenzene	ND		0.000325	ND		0.000348	ND		0.000322	4.47		0.338
Methylcyclohexane	ND		0.000403	ND		0.000432	ND		0.0004	12.5		0.380
TOTAL VO's:	0.00322	B		0.00634	B		0.00478	B		229	J	

ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the RL and above the MDL
All qualifiers on individual Volatiles & Semivolatiles are carried down through summation.
B = The compound was detected in the blank and the sample

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: Hillmann Consulting, LLC
Project: 3100 WEBSTER AVE - G6-2034
Lab Case No.: E13-06816

Lab ID:	06816-001			06816-002			06816-003			06816-004		
Client ID:	S-1			S-1A			S-2			S-2A		
Depth:	0/2			9/11			0/2			11/13		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/17/13			7/17/13			7/17/13			7/17/13		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
Semivolatiles - BNA (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Naphthalene	ND		0.010	ND		0.011	0.072		0.010	7.33	D	0.020
2-Methylnaphthalene	ND		0.015	ND		0.016	0.028	J	0.015	8.40	D	0.031
1,1'-Biphenyl	ND		0.011	ND		0.012	ND		0.011	0.120		0.011
Acenaphthylene	ND		0.014	ND		0.015	0.219		0.014	0.022	J	0.015
Acenaphthene	ND		0.010	ND		0.011	0.274		0.010	0.046		0.010
Dibenzofuran	ND		0.011	ND		0.012	0.056		0.011	0.039		0.011
Fluorene	ND		0.010	ND		0.011	0.166		0.010	0.074		0.011
Phenanthrene	ND		0.011	ND		0.011	2.71		0.011	0.092		0.011
Anthracene	ND		0.014	ND		0.016	0.728		0.014	0.026	J	0.015
Carbazole	ND		0.014	ND		0.015	0.230		0.014	ND		0.014
Di-n-butyl phthalate	ND		0.011	ND		0.012	0.153		0.011	ND		0.011
Fluoranthene	0.023	J	0.013	ND		0.014	5.35	D	0.025	0.023	J	0.013
Pyrene	0.024	J	0.011	ND		0.012	5.04	D	0.022	0.036		0.011
Benzo[a]anthracene	0.022	J	0.015	ND		0.017	3.36		0.015	0.018	J	0.016
Chrysene	0.020	J	0.013	ND		0.014	3.42		0.013	ND		0.013
Bis(2-ethylhexyl) phthalate	0.030	J	0.017	0.059		0.019	0.032	J	0.017	0.036	J	0.018
Benzo[b]fluoranthene	0.032	J	0.018	ND		0.019	4.16		0.018	ND		0.018
Benzo[k]fluoranthene	0.020	J	0.018	ND		0.020	3.38		0.018	ND		0.019
Benzo[a]pyrene	0.027	J	0.015	ND		0.017	4.67		0.015	ND		0.016
Indeno[1,2,3-cd]pyrene	0.022	J	0.010	ND		0.011	2.67		0.010	ND		0.010
Dibenz[a,h]anthracene	ND		0.011	ND		0.012	0.868		0.011	ND		0.011
Benzo[g,h,i]perylene	0.022	J	0.015	ND		0.016	2.88		0.015	ND		0.015
TOTAL BNA'S:	0.242	J		0.059			40.5	JD		16.3	JD	
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.00852	ND		0.00957	ND		0.0081	ND		0.0085
Aroclor-1221	ND		0.00852	ND		0.00957	ND		0.0081	ND		0.0085
Aroclor-1232	ND		0.00852	ND		0.00957	ND		0.0081	ND		0.0085
Aroclor-1242	ND		0.00852	ND		0.00957	ND		0.0081	ND		0.0085
Aroclor-1248	ND		0.00852	ND		0.00957	ND		0.0081	ND		0.0085
Aroclor-1254	ND		0.00852	ND		0.00957	ND		0.0081	ND		0.0085
Aroclor-1260	ND		0.00852	ND		0.00957	ND		0.0081	ND		0.0085
Aroclor-1262	ND		0.00852	ND		0.00957	ND		0.0081	ND		0.0085
Aroclor-1268	ND		0.00852	ND		0.00957	ND		0.0081	ND		0.0085
PCBs	ND		0.00852	ND		0.00957	ND		0.0081	ND		0.0085

ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the RL and above the MDL
All qualifiers on individual Volatiles & Semivolatiles are carried down through summation.
D = The compound was reported from the Diluted analysis

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT

Client: Hillmann Consulting, LLC
Project: 3100 WEBSTER AVE - G6-2034
Lab Case No.: E13-06816

Lab ID:	06816-001			06816-002			06816-003			06816-004		
Client ID:	S-1			S-1A			S-2			S-2A		
Depth:	0/2			9/11			0/2			11/13		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/17/13			7/17/13			7/17/13			7/17/13		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
Pesticides (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
alpha-BHC	ND		0.00213	ND		0.00239	ND		0.00202	ND		0.00213
beta-BHC	ND		0.00213	ND		0.00239	ND		0.00202	ND		0.00213
gamma-BHC (Lindane)	ND		0.00213	ND		0.00239	ND		0.00202	ND		0.00213
delta-BHC	ND		0.00213	ND		0.00239	ND		0.00202	ND		0.00213
Heptachlor	ND		0.00213	ND		0.00239	ND		0.00202	ND		0.00213
Aldrin	ND		0.00213	ND		0.00239	ND		0.00202	ND		0.00213
Heptachlor epoxide	ND		0.00213	ND		0.00239	ND		0.00202	ND		0.00213
Endosulfan I	ND		0.00213	ND		0.00239	ND		0.00202	ND		0.00213
4,4'-DDE	ND		0.00213	ND		0.00239	ND		0.00202	ND		0.00213
Dieldrin	ND		0.00213	ND		0.00239	ND		0.00202	ND		0.00213
Endrin	ND		0.00213	ND		0.00239	ND		0.00202	ND		0.00213
Endosulfan II	ND		0.00213	ND		0.00239	ND		0.00202	ND		0.00213
4,4'-DDD	ND		0.00213	ND		0.00239	ND		0.00202	ND		0.00213
Endrin aldehyde	ND		0.00213	ND		0.00239	ND		0.00202	ND		0.00213
Endosulfan sulfate	ND		0.00213	ND		0.00239	ND		0.00202	ND		0.00213
4,4'-DDT	ND		0.00213	ND		0.00239	ND		0.00202	ND		0.00213
Endrin ketone	ND		0.00213	ND		0.00239	ND		0.00202	ND		0.00213
Methoxychlor	ND		0.00213	ND		0.00239	ND		0.00202	ND		0.00213
alpha-Chlordane	ND		0.00213	ND		0.00239	ND		0.00202	ND		0.00213
gamma-Chlordane	ND		0.00213	ND		0.00239	ND		0.00202	ND		0.00213
Toxaphene	ND		0.025	ND		0.029	ND		0.024	ND		0.025
Endosulfan (I and II)	ND		0.00213	ND		0.00239	ND		0.00202	ND		0.00213
Chlordane (alpha and gamma)	ND		0.00213	ND		0.00239	ND		0.00202	ND		0.00213
Metals (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aluminum	16000		6.06	17500		6.58	20400		5.95	29300		5.70
Antimony	ND		0.303	ND		0.329	ND		0.297	ND		0.285
Arsenic	1.57		0.303	2.37		0.329	5.02		0.297	1.11		0.285
Barium	49.6		3.03	135		3.29	235		2.97	352		2.85
Beryllium	1.96		0.242	0.475		0.263	0.278	J	0.238	ND		0.228
Cadmium	ND		0.151	ND		0.164	0.363	J	0.149	ND		0.142
Calcium	6940		30.3	1600		32.9	8860		29.7	3500		28.5
Chromium	28.0		0.606	44.7		0.658	87.9		0.595	153		0.570
Cobalt	8.22		0.606	8.18		0.658	17.9		0.595	27.9		0.570
Copper	10.8		0.606	12.4		0.658	111		0.595	58.2		0.570
Iron	22200		15.1	20500		16.4	30500		14.9	47900		14.2
Lead	72.8		0.151	6.57		0.164	96.2		0.149	3.14		0.142
Magnesium	15400		15.1	4400		16.4	10300		14.9	19200		14.2
Manganese	583		0.303	228		0.329	232		0.297	538		0.285
Mercury	0.462		0.00674	0.034		0.00673	0.722		0.00623	0.00811	J	0.00661
Nickel	14.0		0.606	28.1		0.658	44.8		0.595	89.6		0.570
Potassium	4980		15.1	1300		16.4	5380		14.9	13200		14.2
Selenium	2.67		1.21	1.83	J	1.32	3.56		1.19	2.79		1.14
Silver	ND		0.151	ND		0.164	ND		0.149	ND		0.142
Sodium	433		30.3	385		32.9	1180		29.7	542		28.5
Thallium	0.408	J	0.151	0.183	J	0.164	0.342	J	0.149	0.607		0.142
Vanadium	30.0		0.606	39.2		0.658	119		0.595	176		0.570
Zinc	60.3		2.42	42.7		2.63	192		2.38	120		2.28

ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the RL and above the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: Hillmann Consulting, LLC
Project: 3100 WEBSTER AVE - G6-2034
Lab Case No.: E13-06816

Lab ID:	06816-005			06816-006			06816-007			06816-008		
Client ID:	S-3			S-3A			S-4			S-4A		
Depth:	0/2			8/10			0/2			14/16		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/17/13			7/17/13			7/17/13			7/17/13		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
Volatiles (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Methylene chloride	0.00466	B	0.00212	0.00394	B	0.0022	0.00581	B	0.00238	0.00578	B	0.00196
Methyl tert-butyl ether (MTBE)	ND		0.000268	ND		0.000278	ND		0.0003	0.00066	J	0.000248
TOTAL VO's:	0.00466	B		0.00394	B		0.00581	B		0.00644	JB	
Semivolatiles - BNA (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
4-Methylphenol **	0.027	J	0.012	ND		0.013	ND		0.011	ND		0.012
Naphthalene	0.312		0.010	ND		0.011	0.024	J	0.00952	ND		0.010
2-Methylnaphthalene	0.262		0.015	ND		0.016	0.024	J	0.014	ND		0.015
1,1'-Biphenyl	0.079		0.011	ND		0.012	ND		0.010	ND		0.011
Acenaphthylene	0.327		0.015	ND		0.016	0.039		0.014	ND		0.014
Acenaphthene	2.01		0.010	ND		0.011	ND		0.00971	ND		0.010
Dibenzofuran	0.896		0.012	ND		0.012	ND		0.011	ND		0.011
Fluorene	1.48		0.011	ND		0.012	0.014	J	0.00995	ND		0.011
Phenanthrene	13.5	D	0.054	ND		0.012	0.091		0.010	ND		0.011
Anthracene	3.61	D	0.075	ND		0.016	0.041		0.014	ND		0.015
Carbazole	1.17		0.014	ND		0.015	ND		0.013	ND		0.014
Di-n-butyl phthalate	0.015	J	0.011	ND		0.012	0.011	J	0.010	ND		0.011
Fluoranthene	18.5	D	0.064	ND		0.014	0.245		0.012	ND		0.013
Pyrene	17.0	D	0.058	ND		0.012	0.249		0.011	ND		0.011
Benzo[a]anthracene	9.07	D	0.079	ND		0.017	0.186		0.015	ND		0.015
Chrysene	8.79	D	0.067	ND		0.014	0.223		0.012	ND		0.013
Bis(2-ethylhexyl) phthalate	0.053		0.018	ND		0.019	0.026	J	0.016	0.025	J	0.017
Benzo[b]fluoranthene	10.4	D	0.092	ND		0.020	0.389		0.017	ND		0.018
Benzo[k]fluoranthene	8.13	D	0.094	ND		0.020	0.321		0.017	ND		0.018
Benzo[a]pyrene	11.8	D	0.079	ND		0.017	0.519		0.015	ND		0.015
Indeno[1,2,3-cd]pyrene	6.51	D	0.052	ND		0.011	0.483		0.00965	ND		0.010
Dibenz[a,h]anthracene	3.33		0.011	ND		0.012	0.174		0.010	ND		0.011
Benzo[g,h,i]perylene	6.96	D	0.076	ND		0.016	0.608		0.014	ND		0.015
TOTAL BNA'S:	124	JD		ND			3.67	J		0.025	J	
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.00868	ND		0.0088	ND		0.00819	ND		0.00788
Aroclor-1221	ND		0.00868	ND		0.0088	ND		0.00819	ND		0.00788
Aroclor-1232	ND		0.00868	ND		0.0088	ND		0.00819	ND		0.00788
Aroclor-1242	ND		0.00868	ND		0.0088	ND		0.00819	ND		0.00788
Aroclor-1248	ND		0.00868	ND		0.0088	ND		0.00819	ND		0.00788
Aroclor-1254	ND		0.00868	ND		0.0088	ND		0.00819	ND		0.00788
Aroclor-1260	ND		0.00868	ND		0.0088	ND		0.00819	ND		0.00788
Aroclor-1262	ND		0.00868	ND		0.0088	ND		0.00819	ND		0.00788
Aroclor-1268	ND		0.00868	ND		0.0088	ND		0.00819	ND		0.00788
PCBs	ND		0.00868	ND		0.0088	ND		0.00819	ND		0.00788

ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the RL and above the MDL
All qualifiers on individual Volatiles & Semivolatiles are carried down through summation.
B = The compound was detected in the blank and the sample
D = The compound was reported from the Diluted analysis

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: Hillmann Consulting, LLC
Project: 3100 WEBSTER AVE - G6-2034
Lab Case No.: E13-06816

Lab ID:	06816-005			06816-006			06816-007			06816-008		
Client ID:	S-3			S-3A			S-4			S-4A		
Depth:	0/2			8/10			0/2			14/16		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/17/13			7/17/13			7/17/13			7/17/13		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
Pesticides (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
alpha-BHC	ND		0.00217	ND		0.0022	ND		0.00205	ND		0.00197
beta-BHC	ND		0.00217	ND		0.0022	ND		0.00205	ND		0.00197
gamma-BHC (Lindane)	ND		0.00217	ND		0.0022	ND		0.00205	ND		0.00197
delta-BHC	ND		0.00217	ND		0.0022	ND		0.00205	ND		0.00197
Heptachlor	ND		0.00217	ND		0.0022	ND		0.00205	ND		0.00197
Aldrin	ND		0.00217	ND		0.0022	ND		0.00205	ND		0.00197
Heptachlor epoxide	ND		0.00217	ND		0.0022	ND		0.00205	ND		0.00197
Endosulfan I	ND		0.00217	ND		0.0022	ND		0.00205	ND		0.00197
4,4'-DDE	ND		0.00217	ND		0.0022	ND		0.00205	ND		0.00197
Dieldrin	ND		0.00217	ND		0.0022	ND		0.00205	ND		0.00197
Endrin	ND		0.00217	ND		0.0022	ND		0.00205	ND		0.00197
Endosulfan II	ND		0.00217	ND		0.0022	ND		0.00205	ND		0.00197
4,4'-DDD	ND		0.00217	ND		0.0022	ND		0.00205	ND		0.00197
Endrin aldehyde	ND		0.00217	ND		0.0022	ND		0.00205	ND		0.00197
Endosulfan sulfate	ND		0.00217	ND		0.0022	ND		0.00205	ND		0.00197
4,4'-DDT	ND		0.00217	ND		0.0022	ND		0.00205	ND		0.00197
Endrin ketone	ND		0.00217	ND		0.0022	ND		0.00205	ND		0.00197
Methoxychlor	ND		0.00217	ND		0.0022	ND		0.00205	ND		0.00197
alpha-Chlordane	ND		0.00217	ND		0.0022	ND		0.00205	ND		0.00197
gamma-Chlordane	ND		0.00217	ND		0.0022	ND		0.00205	ND		0.00197
Toxaphene	ND		0.026	ND		0.026	ND		0.025	ND		0.024
Endosulfan (I and II)	ND		0.00217	ND		0.0022	ND		0.00205	ND		0.00197
Chlordane (alpha and gamma)	ND		0.00217	ND		0.0022	ND		0.00205	ND		0.00197
Metals (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aluminum	15500		5.90	16400		6.58	8420		5.81	17600		5.30
Antimony	ND		0.295	ND		0.329	ND		0.291	ND		0.265
Arsenic	2.54		0.295	1.34		0.329	2.60		0.291	0.538		0.265
Barium	280		2.95	131		3.29	104		2.91	191		2.65
Beryllium	0.310	J	0.236	0.448	J	0.263	0.289	J	0.232	ND		0.212
Cadmium	0.245	J	0.148	ND		0.164	0.319	J	0.145	ND		0.133
Calcium	13700		29.5	1700		32.9	5550		29.1	3130		26.5
Chromium	76.8		0.590	53.5		0.658	29.4		0.581	133		0.530
Cobalt	11.9		0.590	6.44		0.658	5.96		0.581	15.6		0.530
Copper	49.1		0.590	13.6		0.658	28.0		0.581	13.1		0.530
Iron	26700		14.8	20700		16.4	13500		14.5	28400		13.3
Lead	198		0.148	2.49		0.164	117		0.145	2.15		0.133
Magnesium	13500		14.8	4830		16.4	4240		14.5	13300		13.3
Manganese	284		0.295	259		0.329	218		0.291	138		0.265
Mercury	0.438		0.00667	0.047		0.00713	0.208		0.00642	ND		0.00636
Nickel	35.2		0.590	35.0		0.658	19.0		0.581	86.3		0.530
Potassium	7280		14.8	3770		16.4	1870		14.5	6020		13.3
Selenium	ND		1.18	ND		1.32	ND		1.16	1.73	J	1.06
Silver	ND		0.148	0.475	J	0.164	ND		0.145	ND		0.133
Sodium	365		29.5	167		32.9	178		29.1	125		26.5
Thallium	0.316	J	0.148	0.251	J	0.164	ND		0.145	0.454	J	0.133
Vanadium	53.6		0.590	39.3		0.658	27.1		0.581	104		0.530
Zinc	156		2.36	47.7		2.63	184		2.32	107		2.12

ND = Analyzed for but Not Detected at the MDL

J = The concentration was detected at a value below the RL and above the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: Hillmann Consulting, LLC
Project: 3100 WEBSTER AVE - G6-2034
Lab Case No.: E13-06816

Lab ID:	06816-009			06816-010			06816-011			06816-012		
Client ID:	S-5			S-5A			S-6			S-6A		
Depth:	0/2			11/13			0/2			13/15		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/17/13			7/17/13			7/17/13			7/17/13		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
Volatiles (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Methylene chloride	0.00412	B	0.00232	0.00742	B	0.00228	0.00475	B	0.0022	0.00642	B	0.00228
TOTAL VO's:	0.00412	B		0.00742	B		0.00475	B		0.00642	B	
Semivolatiles - BNA (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Naphthalene	0.066		0.011	ND		0.012	0.023	J	0.010	ND		0.011
Acenaphthylene	0.019	J	0.015	ND		0.017	0.161		0.015	ND		0.016
Acenaphthene	0.023	J	0.011	ND		0.012	0.028	J	0.011	ND		0.012
Dibenzofuran	0.020	J	0.012	ND		0.013	0.014	J	0.012	ND		0.013
Fluorene	0.026	J	0.011	ND		0.012	0.043		0.011	ND		0.012
Phenanthrene	0.272		0.011	ND		0.012	0.510		0.011	ND		0.012
Anthracene	0.066		0.016	ND		0.017	0.166		0.015	ND		0.016
Carbazole	0.042		0.015	ND		0.016	0.065		0.014	ND		0.015
Di-n-butyl phthalate	0.021	J	0.012	ND		0.013	0.015	J	0.011	ND		0.012
Fluoranthene	0.453		0.013	ND		0.014	1.62		0.013	ND		0.014
Pyrene	0.513		0.012	ND		0.013	1.15		0.012	ND		0.013
Benzo[a]anthracene	0.311		0.016	ND		0.018	0.920		0.016	ND		0.017
Chrysene	0.322		0.014	ND		0.015	1.04		0.014	ND		0.015
Bis(2-ethylhexyl) phthalate	0.041		0.018	ND		0.020	0.019	J	0.018	ND		0.019
Benzo[b]fluoranthene	0.345		0.019	ND		0.021	1.19		0.019	ND		0.020
Benzo[k]fluoranthene	0.359		0.020	ND		0.021	1.14		0.019	ND		0.020
Benzo[a]pyrene	0.407		0.016	ND		0.018	1.28		0.016	ND		0.017
Indeno[1,2,3-cd]pyrene	0.211		0.011	ND		0.012	0.742		0.011	ND		0.011
Dibenz[a,h]anthracene	0.117		0.012	ND		0.013	0.323		0.011	ND		0.012
Benzo[g,h,i]perylene	0.201		0.016	ND		0.017	0.748		0.015	ND		0.017
TOTAL BNA'S:	3.84	J		ND			11.2	J		ND		
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.009	ND		0.00949	ND		0.0087	ND		0.00917
Aroclor-1221	ND		0.009	ND		0.00949	ND		0.0087	ND		0.00917
Aroclor-1232	ND		0.009	ND		0.00949	ND		0.0087	ND		0.00917
Aroclor-1242	ND		0.009	ND		0.00949	ND		0.0087	ND		0.00917
Aroclor-1248	ND		0.009	ND		0.00949	ND		0.0087	ND		0.00917
Aroclor-1254	ND		0.009	ND		0.00949	ND		0.0087	ND		0.00917
Aroclor-1260	ND		0.009	ND		0.00949	ND		0.0087	ND		0.00917
Aroclor-1262	ND		0.009	ND		0.00949	ND		0.0087	ND		0.00917
Aroclor-1268	ND		0.009	ND		0.00949	ND		0.0087	ND		0.00917
PCBs	ND		0.009	ND		0.00949	ND		0.0087	ND		0.00917

ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the RL and above the MDL
All qualifiers on individual Volatiles & Semivolatiles are carried down through summation.
B = The compound was detected in the blank and the sample

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT

Client: Hillmann Consulting, LLC
Project: 3100 WEBSTER AVE - G6-2034
Lab Case No.: E13-06816

Lab ID:	06816-009			06816-010			06816-011			06816-012		
Client ID:	S-5			S-5A			S-6			S-6A		
Depth:	0/2			11/13			0/2			13/15		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/17/13			7/17/13			7/17/13			7/17/13		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
Pesticides (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
alpha-BHC	ND		0.00225	ND		0.00237	ND		0.00217	ND		0.00229
beta-BHC	ND		0.00225	ND		0.00237	ND		0.00217	ND		0.00229
gamma-BHC (Lindane)	ND		0.00225	ND		0.00237	ND		0.00217	ND		0.00229
delta-BHC	ND		0.00225	ND		0.00237	ND		0.00217	ND		0.00229
Heptachlor	ND		0.00225	ND		0.00237	ND		0.00217	ND		0.00229
Aldrin	ND		0.00225	ND		0.00237	ND		0.00217	ND		0.00229
Heptachlor epoxide	ND		0.00225	ND		0.00237	ND		0.00217	ND		0.00229
Endosulfan I	ND		0.00225	ND		0.00237	ND		0.00217	ND		0.00229
4,4'-DDE	ND		0.00225	ND		0.00237	ND		0.00217	ND		0.00229
Dieldrin	ND		0.00225	ND		0.00237	ND		0.00217	ND		0.00229
Endrin	ND		0.00225	ND		0.00237	ND		0.00217	ND		0.00229
Endosulfan II	ND		0.00225	ND		0.00237	ND		0.00217	ND		0.00229
4,4'-DDD	ND		0.00225	ND		0.00237	ND		0.00217	ND		0.00229
Endrin aldehyde	ND		0.00225	ND		0.00237	ND		0.00217	ND		0.00229
Endosulfan sulfate	ND		0.00225	ND		0.00237	ND		0.00217	ND		0.00229
4,4'-DDT	ND		0.00225	ND		0.00237	ND		0.00217	ND		0.00229
Endrin ketone	ND		0.00225	ND		0.00237	ND		0.00217	ND		0.00229
Methoxychlor	ND		0.00225	ND		0.00237	ND		0.00217	ND		0.00229
alpha-Chlordane	ND		0.00225	ND		0.00237	ND		0.00217	ND		0.00229
gamma-Chlordane	ND		0.00225	ND		0.00237	ND		0.00217	ND		0.00229
Toxaphene	ND		0.027	ND		0.029	ND		0.026	ND		0.027
Endosulfan (I and II)	ND		0.00225	ND		0.00237	ND		0.00217	ND		0.00229
Chlordane (alpha and gamma)	ND		0.00225	ND		0.00237	ND		0.00217	ND		0.00229
Metals (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aluminum	20800		6.28	17100		6.72	19400		6.12	15000		6.67
Antimony	ND		0.314	ND		0.336	ND		0.306	ND		0.333
Arsenic	4.17		0.314	9.71		0.336	3.13		0.306	4.46		0.333
Barium	93.9		3.14	141		3.36	361		3.06	113		3.33
Beryllium	0.703		0.251	1.07		0.269	0.342	J	0.245	0.624		0.267
Cadmium	ND		0.157	ND		0.168	0.543	J	0.153	ND		0.167
Calcium	3220		31.4	1710		33.6	12400		30.6	1340		33.3
Chromium	44.1		0.628	43.0		0.672	68.3		0.612	20.0		0.667
Cobalt	12.1		0.628	43.6		0.672	16.1		0.612	8.05		0.667
Copper	29.6		0.628	13.6		0.672	39.8		0.612	9.19		0.667
Iron	27400		15.7	53800		16.8	32300		15.3	24700		16.7
Lead	46.2		0.157	11.7		0.168	210		0.153	8.93		0.167
Magnesium	6480		15.7	2890		16.8	12400		15.3	3480		16.7
Manganese	481		0.314	1990		0.336	338		0.306	382		0.333
Mercury	0.347		0.00697	0.044		0.00678	0.553		0.00684	0.022		0.00742
Nickel	25.3		0.628	36.2		0.672	37.0		0.612	19.6		0.667
Potassium	2560		15.7	938		16.8	7170		15.3	1060		16.7
Selenium	2.46	J	1.26	3.14		1.34	1.60	J	1.22	ND		1.33
Silver	ND		0.157	ND		0.168	ND		0.153	ND		0.167
Sodium	151		31.4	101	J	33.6	342		30.6	96.2	J	33.3
Thallium	0.213	J	0.157	0.191	J	0.168	0.376	J	0.153	ND		0.167
Vanadium	53.6		0.628	70.3		0.672	99.4		0.612	32.6		0.667
Zinc	107		2.51	75.9		2.69	170		2.45	42.1		2.67

ND = Analyzed for but Not Detected at the MDL

J = The concentration was detected at a value below the RL and above the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: Hillmann Consulting, LLC
Project: 3100 WEBSTER AVE - G6-2034
Lab Case No.: E13-06816

Lab ID:	06816-013			06816-014		
Client ID:	S-7			S-7A		
Depth:	0/2			12/14		
Matrix:	Soil			Soil		
Sampled Date	7/17/13			7/17/13		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL
Volatiles (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Methylene chloride	0.0032	B	0.00204	ND		0.196
Ethylbenzene	ND		0.000288	0.043	J	0.036
Isopropylbenzene	ND		0.000299	0.052	J	0.032
TOTAL VO's:	0.0032	B		0.094	J	
Semivolatiles - BNA (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Naphthalene	0.035	J	0.011	ND		0.012
2-Methylnaphthalene	0.025	J	0.017	ND		0.032
Acenaphthylene	0.054		0.016	ND		0.027
Acenaphthene	0.046		0.011	ND		0.031
Fluorene	0.044		0.012	ND		0.021
Phenanthrene	0.373		0.012	ND		0.026
Anthracene	0.122		0.016	ND		0.039
Carbazole	0.047		0.015	ND		0.023
Fluoranthene	0.731		0.014	ND		0.016
Pyrene	0.596		0.012	ND		0.029
Benzo[a]anthracene	0.444		0.017	ND		0.038
Chrysene	0.440		0.014	ND		0.027
Bis(2-ethylhexyl) phthalate	0.030	J	0.019	ND		0.019
Benzo[b]fluoranthene	0.552		0.020	ND		0.024
Benzo[k]fluoranthene	0.472		0.020	ND		0.037
Benzo[a]pyrene	0.617		0.017	ND		0.014
Indeno[1,2,3-cd]pyrene	0.354		0.011	ND		0.026
Dibenz[a,h]anthracene	0.131		0.012	ND		0.029
Benzo[g,h,i]perylene	0.349		0.016	ND		0.035
TOTAL BNA'S:	5.46	J		ND		
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.00873	ND		0.00908
Aroclor-1221	ND		0.00873	ND		0.00908
Aroclor-1232	ND		0.00873	ND		0.00908
Aroclor-1242	ND		0.00873	ND		0.00908
Aroclor-1248	ND		0.00873	ND		0.00908
Aroclor-1254	ND		0.00873	ND		0.00908
Aroclor-1260	ND		0.00873	ND		0.00908
Aroclor-1262	ND		0.00873	ND		0.00908
Aroclor-1268	ND		0.00873	ND		0.00908
PCBs	ND		0.00873	ND		0.00908

ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the RL and above the MDL
All qualifiers on individual Volatiles & Semivolatiles are carried down through summation.
B = The compound was detected in the blank and the sample

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT

Client: Hillmann Consulting, LLC
Project: 3100 WEBSTER AVE - G6-2034
Lab Case No.: E13-06816

Lab ID:	06816-013			06816-014		
Client ID:	S-7			S-7A		
Depth:	0/2			12/14		
Matrix:	Soil			Soil		
Sampled Date	7/17/13			7/17/13		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL
Pesticides (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
alpha-BHC	ND		0.00218	ND		0.00227
beta-BHC	ND		0.00218	ND		0.00227
gamma-BHC (Lindane)	ND		0.00218	ND		0.00227
delta-BHC	ND		0.00218	ND		0.00227
Heptachlor	ND		0.00218	ND		0.00227
Aldrin	ND		0.00218	ND		0.00227
Heptachlor epoxide	ND		0.00218	ND		0.00227
Endosulfan I	ND		0.00218	ND		0.00227
4,4'-DDE	ND		0.00218	ND		0.00227
Dieldrin	ND		0.00218	ND		0.00227
Endrin	ND		0.00218	ND		0.00227
Endosulfan II	ND		0.00218	ND		0.00227
4,4'-DDD	ND		0.00218	ND		0.00227
Endrin aldehyde	ND		0.00218	ND		0.00227
Endosulfan sulfate	ND		0.00218	ND		0.00227
4,4'-DDT	ND		0.00218	ND		0.00227
Endrin ketone	ND		0.00218	ND		0.00227
Methoxychlor	ND		0.00218	ND		0.00227
alpha-Chlordane	ND		0.00218	ND		0.00227
gamma-Chlordane	ND		0.00218	ND		0.00227
Toxaphene	ND		0.026	ND		0.027
Endosulfan (I and II)	ND		0.00218	ND		0.00227
Chlordane (alpha and gamma)	ND		0.00218	ND		0.00227
Metals (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aluminum	16200		6.47	14900		6.47
Antimony	ND		0.324	ND		0.323
Arsenic	4.36		0.324	3.50		0.323
Barium	152		3.24	100		3.23
Beryllium	0.650		0.259	0.501		0.259
Cadmium	0.385	J	0.162	ND		0.162
Calcium	20500		32.4	1250		32.3
Chromium	32.5		0.647	22.3		0.647
Cobalt	8.51		0.647	8.65		0.647
Copper	30.0		0.647	11.2		0.647
Iron	19600		16.2	22900		16.2
Lead	216		0.162	6.57		0.162
Magnesium	13400		16.2	3230		16.2
Manganese	468		0.324	700		0.323
Mercury	1.14		0.00724	0.050		0.00736
Nickel	19.6		0.647	22.8		0.647
Potassium	1800		16.2	1350		16.2
Selenium	1.86	J	1.29	1.77	J	1.29
Silver	ND		0.162	ND		0.162
Sodium	176		32.4	113	J	32.3
Thallium	0.201	J	0.162	ND		0.162
Vanadium	38.4		0.647	30.5		0.647
Zinc	222		2.59	35.3		2.59

ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the RL and above the MDL

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: BLKS130722-02
Client ID: BLKS130722-02
Date Received:
Date Analyzed: 07/23/2013
Data file: F6168.D

GC/MS Column: DB-624
Sample wt/vol: 5g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA
Sample prep by:

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		0.001	0.00056
Chloromethane	ND		0.001	0.00029
Vinyl chloride	ND		0.001	0.00039
Bromomethane	ND		0.001	0.00048
Chloroethane	ND		0.001	0.00037
Trichlorofluoromethane	ND		0.001	0.0003
1,1-Dichloroethene	ND		0.001	0.00041
Acetone	ND		0.005	0.00055
Carbon disulfide	ND		0.001	0.00031
Methylene chloride	0.00427	C	0.002	0.00198
trans-1,2-Dichloroethene	ND		0.001	0.00034
Methyl tert-butyl ether (MTBE)	ND		0.001	0.00025
1,1-Dichloroethane	ND		0.001	0.0003
cis-1,2-Dichloroethene	ND		0.001	0.00028
2-Butanone (MEK)	ND		0.002	0.00029
Bromochloromethane	ND		0.001	0.00025
Chloroform	ND		0.001	0.00027
1,1,1-Trichloroethane	ND		0.001	0.00026
Carbon tetrachloride	ND		0.001	0.00025
1,2-Dichloroethane (EDC)	ND		0.001	0.00022
Benzene	ND		0.001	0.00027
Trichloroethene	ND		0.001	0.00034
1,2-Dichloropropane	ND		0.001	0.00026
1,4-Dioxane	ND		0.200	0.011
Bromodichloromethane	ND		0.001	0.00021
cis-1,3-Dichloropropene	ND		0.001	0.00021
4-Methyl-2-pentanone (MIBK)	ND		0.001	0.00021

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: BLKS130722-02
Client ID: BLKS130722-02
Date Received:
Date Analyzed: 07/23/2013
Data file: F6168.D

GC/MS Column: DB-624
Sample wt/vol: 5g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
Toluene	ND		0.001	0.00025
trans-1,3-Dichloropropene	ND		0.001	0.00022
1,1,2-Trichloroethane	ND		0.001	0.00021
Tetrachloroethene	ND		0.001	0.00025
2-Hexanone	ND		0.001	0.00027
Dibromochloromethane	ND		0.001	0.00021
1,2-Dibromoethane (EDB)	ND		0.001	0.0002
Chlorobenzene	ND		0.001	0.00028
Ethylbenzene	ND		0.001	0.00028
Total Xylenes	ND		0.002	0.0008
Styrene	ND		0.001	0.00022
Bromoform	ND		0.001	0.00024
Isopropylbenzene	ND		0.001	0.00029
1,1,2,2-Tetrachloroethane	ND		0.001	0.00023
1,3-Dichlorobenzene	ND		0.001	0.00024
1,4-Dichlorobenzene	ND		0.001	0.0002
1,2-Dichlorobenzene	ND		0.001	0.00028
1,2-Dibromo-3-chloropropane	ND		0.001	0.0002
1,2,4-Trichlorobenzene	ND		0.001	0.00026
1,2,3-Trichlorobenzene	ND		0.001	0.00032
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.001	0.00037
Methyl acetate	ND		0.002	0.00022
Cyclohexane	ND		0.002	0.00039
Methylcyclohexane	ND		0.001	0.00036
1,3-Dichloropropene (cis- and trans-)	ND		0.001	0.00022

Total Target Compounds (52): 0.00427 C

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: BLKA130722
Client ID: BLKA130722
Date Received:
Date Analyzed: 07/22/2013
Data file: L8307.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100
Sample prep by:

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		1.00	0.550
Chloromethane	ND		1.00	0.340
Vinyl chloride	ND		1.00	0.500
Bromomethane	ND		1.00	0.400
Chloroethane	ND		1.00	0.470
Trichlorofluoromethane	ND		1.00	0.530
1,1-Dichloroethene	ND		1.00	0.550
Acetone	ND		5.00	0.410
Carbon disulfide	ND		1.00	0.490
Methylene chloride	ND		2.00	1.98
trans-1,2-Dichloroethene	ND		1.00	0.430
Methyl tert-butyl ether (MTBE)	ND		1.00	0.250
1,1-Dichloroethane	ND		1.00	0.330
cis-1,2-Dichloroethene	ND		1.00	0.210
2-Butanone (MEK)	ND		1.00	0.270
Bromochloromethane	ND		1.00	0.270
Chloroform	ND		1.00	0.280
1,1,1-Trichloroethane	ND		1.00	0.390
Carbon tetrachloride	ND		1.00	0.480
1,2-Dichloroethane (EDC)	ND		1.00	0.210
Benzene	ND		1.00	0.240
Trichloroethene	ND		1.00	0.270
1,2-Dichloropropane	ND		1.00	0.240
1,4-Dioxane	ND		200	31.6
Bromodichloromethane	ND		1.00	0.270
cis-1,3-Dichloropropene	ND		1.00	0.330
4-Methyl-2-pentanone (MIBK)	ND		1.00	0.290

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: BLKA130722
Client ID: BLKA130722
Date Received:
Date Analyzed: 07/22/2013
Data file: L8307.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Toluene	ND		1.00	0.250
trans-1,3-Dichloropropene	ND		1.00	0.470
1,1,2-Trichloroethane	ND		1.00	0.420
Tetrachloroethene	ND		1.00	0.230
1,3-Dichloropropane	ND		1.00	0.350
2-Hexanone	ND		1.00	0.460
Dibromochloromethane	ND		1.00	0.360
1,2-Dibromoethane (EDB)	ND		1.00	0.460
Chlorobenzene	ND		1.00	0.220
Ethylbenzene	ND		1.00	0.350
Total Xylenes	ND		2.00	0.610
Styrene	ND		1.00	0.220
Bromoform	ND		1.00	0.440
Isopropylbenzene	ND		1.00	0.240
1,1,2,2-Tetrachloroethane	ND		1.00	0.260
1,2,3-Trichloropropane	ND		1.00	0.250
1,3-Dichlorobenzene	ND		1.00	0.260
4-Isopropyltoluene	ND		1.00	0.280
1,4-Dichlorobenzene	ND		1.00	0.260
1,2-Dichlorobenzene	ND		1.00	0.290
1,2-Dibromo-3-chloropropane	ND		1.00	0.550
1,2,4-Trichlorobenzene	ND		1.00	0.420
1,2,3-Trichlorobenzene	ND		1.00	0.300
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.780
Methyl acetate	ND		2.00	0.220
Cyclohexane	ND		5.00	0.450
Methylcyclohexane	ND		1.00	0.420
1,3-Dichloropropene (cis- and trans-)	ND		1.00	0.470

Total Target Compounds (55): 0

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: BLKS130723
Client ID: BLKS130723
Date Received:
Date Analyzed: 07/23/2013
Data file: L8335.D

GC/MS Column: DB-624
Sample wt/vol: 0.1g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 50
% Moisture: NA
Sample prep by:

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		0.050	0.032
Chloromethane	ND		0.050	0.020
Vinyl chloride	ND		0.050	0.026
Bromomethane	ND		0.050	0.022
Chloroethane	ND		0.050	0.023
Trichlorofluoromethane	ND		0.050	0.028
1,1-Dichloroethene	ND		0.050	0.020
Acetone	ND		0.250	0.027
Carbon disulfide	ND		0.050	0.023
Methylene chloride	ND		0.100	0.099
trans-1,2-Dichloroethene	ND		0.050	0.019
Methyl tert-butyl ether (MTBE)	ND		0.050	0.036
1,1-Dichloroethane	ND		0.050	0.014
cis-1,2-Dichloroethene	ND		0.050	0.014
2-Butanone (MEK)	ND		0.050	0.028
Bromochloromethane	ND		0.050	0.014
Chloroform	ND		0.050	0.019
1,1,1-Trichloroethane	ND		0.050	0.016
Carbon tetrachloride	ND		0.050	0.018
1,2-Dichloroethane (EDC)	ND		0.050	0.019
Benzene	ND		0.050	0.013
Trichloroethene	ND		0.050	0.011
1,2-Dichloropropane	ND		0.050	0.012
1,4-Dioxane	ND		10.0	0.950
Bromodichloromethane	ND		0.050	0.020
cis-1,3-Dichloropropene	ND		0.050	0.013
4-Methyl-2-pentanone (MIBK)	ND		0.050	0.015

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: BLKS130723
Client ID: BLKS130723
Date Received:
Date Analyzed: 07/23/2013
Data file: L8335.D

GC/MS Column: DB-624
Sample wt/vol: 0.1g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 50
% Moisture: NA

Compound	Concentration	Q	RL	MDL
Toluene	ND		0.050	0.014
trans-1,3-Dichloropropene	ND		0.050	0.013
1,1,2-Trichloroethane	ND		0.050	0.022
Tetrachloroethene	ND		0.050	0.012
2-Hexanone	ND		0.050	0.013
Dibromochloromethane	ND		0.050	0.012
1,2-Dibromoethane (EDB)	ND		0.050	0.016
Chlorobenzene	ND		0.050	0.014
Ethylbenzene	ND		0.050	0.018
Total Xylenes	ND		0.100	0.033
Styrene	ND		0.050	0.020
Bromoform	ND		0.050	0.012
Isopropylbenzene	ND		0.050	0.016
1,1,2,2-Tetrachloroethane	ND		0.050	0.013
1,3-Dichlorobenzene	ND		0.050	0.014
1,4-Dichlorobenzene	ND		0.050	0.015
1,2-Dichlorobenzene	ND		0.050	0.013
1,2-Dibromo-3-chloropropane	ND		0.050	0.031
1,2,4-Trichlorobenzene	ND		0.050	0.020
1,2,3-Trichlorobenzene	ND		0.050	0.022
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.050	0.025
Methyl acetate	ND		0.100	0.030
Cyclohexane	ND		0.250	0.019
Methylcyclohexane	ND		0.050	0.018
1,3-Dichloropropene (cis- and trans-)	ND		0.050	0.013

Total Target Compounds (52): 0

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-001
Client ID: S-1/0-2
Date Received: 07/18/2013
Date Analyzed: 07/22/2013
Data file: F6160.D

GC/MS Column: DB-624
Sample wt/vol: 4.9g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 8.60
Sample prep by:

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		0.00112	0.000627
Chloromethane	ND		0.00112	0.000325
Vinyl chloride	ND		0.00112	0.000437
Bromomethane	ND		0.00112	0.000538
Chloroethane	ND		0.00112	0.000414
Trichlorofluoromethane	ND		0.00112	0.000336
1,1-Dichloroethene	ND		0.00112	0.000459
Acetone	ND		0.0056	0.000616
Carbon disulfide	ND		0.00112	0.000347
Methylene chloride	0.00322	B	0.00224	0.00222
trans-1,2-Dichloroethene	ND		0.00112	0.000381
Methyl tert-butyl ether (MTBE)	ND		0.00112	0.00028
1,1-Dichloroethane	ND		0.00112	0.000336
cis-1,2-Dichloroethene	ND		0.00112	0.000314
2-Butanone (MEK)	ND		0.00224	0.000325
Bromochloromethane	ND		0.00112	0.00028
Chloroform	ND		0.00112	0.000302
1,1,1-Trichloroethane	ND		0.00112	0.000291
Carbon tetrachloride	ND		0.00112	0.00028
1,2-Dichloroethane (EDC)	ND		0.00112	0.000246
Benzene	ND		0.00112	0.000302
Trichloroethene	ND		0.00112	0.000381
1,2-Dichloropropane	ND		0.00112	0.000291
1,4-Dioxane	ND		0.224	0.013
Bromodichloromethane	ND		0.00112	0.000235
cis-1,3-Dichloropropene	ND		0.00112	0.000235
4-Methyl-2-pentanone (MIBK)	ND		0.00112	0.000235

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-001
Client ID: S-1/0-2
Date Received: 07/18/2013
Date Analyzed: 07/22/2013
Data file: F6160.D

GC/MS Column: DB-624
Sample wt/vol: 4.9g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 8.60

Compound	Concentration	Q	RL	MDL
Toluene	ND		0.00112	0.00028
trans-1,3-Dichloropropene	ND		0.00112	0.000246
1,1,2-Trichloroethane	ND		0.00112	0.000235
Tetrachloroethene	ND		0.00112	0.00028
2-Hexanone	ND		0.00112	0.000302
Dibromochloromethane	ND		0.00112	0.000235
1,2-Dibromoethane (EDB)	ND		0.00112	0.000224
Chlorobenzene	ND		0.00112	0.000314
Ethylbenzene	ND		0.00112	0.000314
Total Xylenes	ND		0.00224	0.0009
Styrene	ND		0.00112	0.000246
Bromoform	ND		0.00112	0.000269
Isopropylbenzene	ND		0.00112	0.000325
1,1,2,2-Tetrachloroethane	ND		0.00112	0.000258
1,3-Dichlorobenzene	ND		0.00112	0.000269
1,4-Dichlorobenzene	ND		0.00112	0.000224
1,2-Dichlorobenzene	ND		0.00112	0.000314
1,2-Dibromo-3-chloropropane	ND		0.00112	0.000224
1,2,4-Trichlorobenzene	ND		0.00112	0.000291
1,2,3-Trichlorobenzene	ND		0.00112	0.000358
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00112	0.000414
Methyl acetate	ND		0.00224	0.000246
Cyclohexane	ND		0.00224	0.000437
Methylcyclohexane	ND		0.00112	0.000403
1,3-Dichloropropene (cis- and trans-)	ND		0.00112	0.000246

Total Target Compounds (52): 0.00322 B

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-002
Client ID: S-1A/9-11
Date Received: 07/18/2013
Date Analyzed: 07/22/2013
Data file: F6161.D

GC/MS Column: DB-624
Sample wt/vol: 5g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 16.4
Sample prep by:

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		0.0012	0.000672
Chloromethane	ND		0.0012	0.000348
Vinyl chloride	ND		0.0012	0.000468
Bromomethane	ND		0.0012	0.000576
Chloroethane	ND		0.0012	0.000444
Trichlorofluoromethane	ND		0.0012	0.00036
1,1-Dichloroethene	ND		0.0012	0.000492
Acetone	ND		0.006	0.00066
Carbon disulfide	ND		0.0012	0.000372
Methylene chloride	0.00634	B	0.0024	0.00238
trans-1,2-Dichloroethene	ND		0.0012	0.000408
Methyl tert-butyl ether (MTBE)	ND		0.0012	0.0003
1,1-Dichloroethane	ND		0.0012	0.00036
cis-1,2-Dichloroethene	ND		0.0012	0.000336
2-Butanone (MEK)	ND		0.0024	0.000348
Bromochloromethane	ND		0.0012	0.0003
Chloroform	ND		0.0012	0.000324
1,1,1-Trichloroethane	ND		0.0012	0.000312
Carbon tetrachloride	ND		0.0012	0.0003
1,2-Dichloroethane (EDC)	ND		0.0012	0.000264
Benzene	ND		0.0012	0.000324
Trichloroethene	ND		0.0012	0.000408
1,2-Dichloropropane	ND		0.0012	0.000312
1,4-Dioxane	ND		0.240	0.014
Bromodichloromethane	ND		0.0012	0.000252
cis-1,3-Dichloropropene	ND		0.0012	0.000252
4-Methyl-2-pentanone (MIBK)	ND		0.0012	0.000252

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-002
Client ID: S-1A/9-11
Date Received: 07/18/2013
Date Analyzed: 07/22/2013
Data file: F6161.D

GC/MS Column: DB-624
Sample wt/vol: 5g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 16.4

Compound	Concentration	Q	RL	MDL
Toluene	ND		0.0012	0.0003
trans-1,3-Dichloropropene	ND		0.0012	0.000264
1,1,2-Trichloroethane	ND		0.0012	0.000252
Tetrachloroethene	ND		0.0012	0.0003
2-Hexanone	ND		0.0012	0.000324
Dibromochloromethane	ND		0.0012	0.000252
1,2-Dibromoethane (EDB)	ND		0.0012	0.00024
Chlorobenzene	ND		0.0012	0.000336
Ethylbenzene	ND		0.0012	0.000336
Total Xylenes	ND		0.0024	0.00096
Styrene	ND		0.0012	0.000264
Bromoform	ND		0.0012	0.000288
Isopropylbenzene	ND		0.0012	0.000348
1,1,2,2-Tetrachloroethane	ND		0.0012	0.000276
1,3-Dichlorobenzene	ND		0.0012	0.000288
1,4-Dichlorobenzene	ND		0.0012	0.00024
1,2-Dichlorobenzene	ND		0.0012	0.000336
1,2-Dibromo-3-chloropropane	ND		0.0012	0.00024
1,2,4-Trichlorobenzene	ND		0.0012	0.000312
1,2,3-Trichlorobenzene	ND		0.0012	0.000384
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0012	0.000444
Methyl acetate	ND		0.0024	0.000264
Cyclohexane	ND		0.0024	0.000468
Methylcyclohexane	ND		0.0012	0.000432
1,3-Dichloropropene (cis- and trans-)	ND		0.0012	0.000264

Total Target Compounds (52): 0.00634 B

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-003
Client ID: S-2/0-2
Date Received: 07/18/2013
Date Analyzed: 07/22/2013
Data file: F6162.D

GC/MS Column: DB-624
Sample wt/vol: 4.9g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 7.80
Sample prep by:

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		0.00111	0.000622
Chloromethane	ND		0.00111	0.000322
Vinyl chloride	ND		0.00111	0.000433
Bromomethane	ND		0.00111	0.000533
Chloroethane	ND		0.00111	0.000411
Trichlorofluoromethane	ND		0.00111	0.000333
1,1-Dichloroethene	ND		0.00111	0.000455
Acetone	ND		0.00555	0.000611
Carbon disulfide	ND		0.00111	0.000344
Methylene chloride	0.00478	B	0.00222	0.0022
trans-1,2-Dichloroethene	ND		0.00111	0.000377
Methyl tert-butyl ether (MTBE)	ND		0.00111	0.000278
1,1-Dichloroethane	ND		0.00111	0.000333
cis-1,2-Dichloroethene	ND		0.00111	0.000311
2-Butanone (MEK)	ND		0.00222	0.000322
Bromochloromethane	ND		0.00111	0.000278
Chloroform	ND		0.00111	0.0003
1,1,1-Trichloroethane	ND		0.00111	0.000289
Carbon tetrachloride	ND		0.00111	0.000278
1,2-Dichloroethane (EDC)	ND		0.00111	0.000244
Benzene	ND		0.00111	0.0003
Trichloroethene	ND		0.00111	0.000377
1,2-Dichloropropane	ND		0.00111	0.000289
1,4-Dioxane	ND		0.222	0.013
Bromodichloromethane	ND		0.00111	0.000233
cis-1,3-Dichloropropene	ND		0.00111	0.000233
4-Methyl-2-pentanone (MIBK)	ND		0.00111	0.000233

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-003
Client ID: S-2/0-2
Date Received: 07/18/2013
Date Analyzed: 07/22/2013
Data file: F6162.D

GC/MS Column: DB-624
Sample wt/vol: 4.9g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 7.80

Compound	Concentration	Q	RL	MDL
Toluene	ND		0.00111	0.000278
trans-1,3-Dichloropropene	ND		0.00111	0.000244
1,1,2-Trichloroethane	ND		0.00111	0.000233
Tetrachloroethene	ND		0.00111	0.000278
2-Hexanone	ND		0.00111	0.0003
Dibromochloromethane	ND		0.00111	0.000233
1,2-Dibromoethane (EDB)	ND		0.00111	0.000222
Chlorobenzene	ND		0.00111	0.000311
Ethylbenzene	ND		0.00111	0.000311
Total Xylenes	ND		0.00222	0.00089
Styrene	ND		0.00111	0.000244
Bromoform	ND		0.00111	0.000266
Isopropylbenzene	ND		0.00111	0.000322
1,1,2,2-Tetrachloroethane	ND		0.00111	0.000255
1,3-Dichlorobenzene	ND		0.00111	0.000266
1,4-Dichlorobenzene	ND		0.00111	0.000222
1,2-Dichlorobenzene	ND		0.00111	0.000311
1,2-Dibromo-3-chloropropane	ND		0.00111	0.000222
1,2,4-Trichlorobenzene	ND		0.00111	0.000289
1,2,3-Trichlorobenzene	ND		0.00111	0.000355
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00111	0.000411
Methyl acetate	ND		0.00222	0.000244
Cyclohexane	ND		0.00222	0.000433
Methylcyclohexane	ND		0.00111	0.0004
1,3-Dichloropropene (cis- and trans-)	ND		0.00111	0.000244

Total Target Compounds (52): 0.00478 B

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INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-004
Client ID: S-2A/11-13
Date Received: 07/18/2013
Date Analyzed: 07/23/2013
Data file: L8353.D

GC/MS Column: DB-624
Sample wt/vol: 0.0051g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 7.20
Sample prep by:

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		1.06	0.666
Chloromethane	ND		1.06	0.423
Vinyl chloride	ND		1.06	0.560
Bromomethane	ND		1.06	0.454
Chloroethane	ND		1.06	0.475
Trichlorofluoromethane	ND		1.06	0.592
1,1-Dichloroethene	ND		1.06	0.412
Acetone	ND		5.28	0.581
Carbon disulfide	ND		1.06	0.486
Methylene chloride	ND		2.11	2.09
trans-1,2-Dichloroethene	ND		1.06	0.401
Methyl tert-butyl ether (MTBE)	ND		1.06	0.761
1,1-Dichloroethane	ND		1.06	0.306
cis-1,2-Dichloroethene	ND		1.06	0.285
2-Butanone (MEK)	ND		1.06	0.592
Bromochloromethane	ND		1.06	0.296
Chloroform	ND		1.06	0.391
1,1,1-Trichloroethane	ND		1.06	0.349
Carbon tetrachloride	ND		1.06	0.380
1,2-Dichloroethane (EDC)	ND		1.06	0.391
Benzene	0.353	J	1.06	0.264
Trichloroethene	ND		1.06	0.232
1,2-Dichloropropane	ND		1.06	0.254
1,4-Dioxane	ND		211	20.1
Bromodichloromethane	ND		1.06	0.412
cis-1,3-Dichloropropene	ND		1.06	0.275
4-Methyl-2-pentanone (MIBK)	ND		1.06	0.317

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-004
Client ID: S-2A/11-13
Date Received: 07/18/2013
Date Analyzed: 07/23/2013
Data file: L8353.D

GC/MS Column: DB-624
Sample wt/vol: 0.0051g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 7.20

Compound	Concentration	Q	RL	MDL
Toluene	0.674	J	1.06	0.285
trans-1,3-Dichloropropene	ND		1.06	0.275
1,1,2-Trichloroethane	ND		1.06	0.454
Tetrachloroethene	ND		1.06	0.254
2-Hexanone	ND		1.06	0.264
Dibromochloromethane	ND		1.06	0.254
1,2-Dibromoethane (EDB)	ND		1.06	0.338
Chlorobenzene	ND		1.06	0.285
Ethylbenzene	26.0		1.06	0.380
Total Xylenes	185		2.11	0.700
Styrene	ND		1.06	0.423
Bromoform	ND		1.06	0.254
Isopropylbenzene	4.47		1.06	0.338
1,1,2,2-Tetrachloroethane	ND		1.06	0.275
1,3-Dichlorobenzene	ND		1.06	0.285
1,4-Dichlorobenzene	ND		1.06	0.317
1,2-Dichlorobenzene	ND		1.06	0.264
1,2-Dibromo-3-chloropropane	ND		1.06	0.644
1,2,4-Trichlorobenzene	ND		1.06	0.423
1,2,3-Trichlorobenzene	ND		1.06	0.465
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.06	0.528
Methyl acetate	ND		2.11	0.634
Cyclohexane	ND		5.28	0.401
Methylcyclohexane	12.5		1.06	0.380
1,3-Dichloropropene (cis- and trans-)	ND		1.06	0.275
Total Target Compounds (52):	229	J		

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-005
Client ID: S-3/0-2
Date Received: 07/18/2013
Date Analyzed: 07/22/2013
Data file: F6163.D

GC/MS Column: DB-624
Sample wt/vol: 5.1g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 8.80
Sample prep by:

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		0.00107	0.000599
Chloromethane	ND		0.00107	0.00031
Vinyl chloride	ND		0.00107	0.000417
Bromomethane	ND		0.00107	0.000514
Chloroethane	ND		0.00107	0.000396
Trichlorofluoromethane	ND		0.00107	0.000321
1,1-Dichloroethene	ND		0.00107	0.000439
Acetone	ND		0.00535	0.000589
Carbon disulfide	ND		0.00107	0.000332
Methylene chloride	0.00466	B	0.00214	0.00212
trans-1,2-Dichloroethene	ND		0.00107	0.000364
Methyl tert-butyl ether (MTBE)	ND		0.00107	0.000268
1,1-Dichloroethane	ND		0.00107	0.000321
cis-1,2-Dichloroethene	ND		0.00107	0.0003
2-Butanone (MEK)	ND		0.00214	0.00031
Bromochloromethane	ND		0.00107	0.000268
Chloroform	ND		0.00107	0.000289
1,1,1-Trichloroethane	ND		0.00107	0.000278
Carbon tetrachloride	ND		0.00107	0.000268
1,2-Dichloroethane (EDC)	ND		0.00107	0.000235
Benzene	ND		0.00107	0.000289
Trichloroethene	ND		0.00107	0.000364
1,2-Dichloropropane	ND		0.00107	0.000278
1,4-Dioxane	ND		0.214	0.012
Bromodichloromethane	ND		0.00107	0.000225
cis-1,3-Dichloropropene	ND		0.00107	0.000225
4-Methyl-2-pentanone (MIBK)	ND		0.00107	0.000225

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INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-005
Client ID: S-3/0-2
Date Received: 07/18/2013
Date Analyzed: 07/22/2013
Data file: F6163.D

GC/MS Column: DB-624
Sample wt/vol: 5.1g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 8.80

Compound	Concentration	Q	RL	MDL
Toluene	ND		0.00107	0.000268
trans-1,3-Dichloropropene	ND		0.00107	0.000235
1,1,2-Trichloroethane	ND		0.00107	0.000225
Tetrachloroethene	ND		0.00107	0.000268
2-Hexanone	ND		0.00107	0.000289
Dibromochloromethane	ND		0.00107	0.000225
1,2-Dibromoethane (EDB)	ND		0.00107	0.000214
Chlorobenzene	ND		0.00107	0.0003
Ethylbenzene	ND		0.00107	0.0003
Total Xylenes	ND		0.00214	0.00086
Styrene	ND		0.00107	0.000235
Bromoform	ND		0.00107	0.000257
Isopropylbenzene	ND		0.00107	0.00031
1,1,2,2-Tetrachloroethane	ND		0.00107	0.000246
1,3-Dichlorobenzene	ND		0.00107	0.000257
1,4-Dichlorobenzene	ND		0.00107	0.000214
1,2-Dichlorobenzene	ND		0.00107	0.0003
1,2-Dibromo-3-chloropropane	ND		0.00107	0.000214
1,2,4-Trichlorobenzene	ND		0.00107	0.000278
1,2,3-Trichlorobenzene	ND		0.00107	0.000342
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00107	0.000396
Methyl acetate	ND		0.00214	0.000235
Cyclohexane	ND		0.00214	0.000417
Methylcyclohexane	ND		0.00107	0.000385
1,3-Dichloropropene (cis- and trans-)	ND		0.00107	0.000235

Total Target Compounds (52): 0.00466 B

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-006
Client ID: S-3A/8-10
Date Received: 07/18/2013
Date Analyzed: 07/23/2013
Data file: F6171.D

GC/MS Column: DB-624
Sample wt/vol: 5.4g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 0.9
% Moisture: 16.9
Sample prep by:

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		0.00111	0.000622
Chloromethane	ND		0.00111	0.000322
Vinyl chloride	ND		0.00111	0.000433
Bromomethane	ND		0.00111	0.000533
Chloroethane	ND		0.00111	0.000411
Trichlorofluoromethane	ND		0.00111	0.000333
1,1-Dichloroethene	ND		0.00111	0.000455
Acetone	ND		0.00555	0.000611
Carbon disulfide	ND		0.00111	0.000344
Methylene chloride	0.00394	B	0.00222	0.0022
trans-1,2-Dichloroethene	ND		0.00111	0.000377
Methyl tert-butyl ether (MTBE)	ND		0.00111	0.000278
1,1-Dichloroethane	ND		0.00111	0.000333
cis-1,2-Dichloroethene	ND		0.00111	0.000311
2-Butanone (MEK)	ND		0.00222	0.000322
Bromochloromethane	ND		0.00111	0.000278
Chloroform	ND		0.00111	0.0003
1,1,1-Trichloroethane	ND		0.00111	0.000289
Carbon tetrachloride	ND		0.00111	0.000278
1,2-Dichloroethane (EDC)	ND		0.00111	0.000244
Benzene	ND		0.00111	0.0003
Trichloroethene	ND		0.00111	0.000377
1,2-Dichloropropane	ND		0.00111	0.000289
1,4-Dioxane	ND		0.222	0.013
Bromodichloromethane	ND		0.00111	0.000233
cis-1,3-Dichloropropene	ND		0.00111	0.000233
4-Methyl-2-pentanone (MIBK)	ND		0.00111	0.000233

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-006
Client ID: S-3A/8-10
Date Received: 07/18/2013
Date Analyzed: 07/23/2013
Data file: F6171.D

GC/MS Column: DB-624
Sample wt/vol: 5.4g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 0.9
% Moisture: 16.9

Compound	Concentration	Q	RL	MDL
Toluene	ND		0.00111	0.000278
trans-1,3-Dichloropropene	ND		0.00111	0.000244
1,1,2-Trichloroethane	ND		0.00111	0.000233
Tetrachloroethene	ND		0.00111	0.000278
2-Hexanone	ND		0.00111	0.0003
Dibromochloromethane	ND		0.00111	0.000233
1,2-Dibromoethane (EDB)	ND		0.00111	0.000222
Chlorobenzene	ND		0.00111	0.000311
Ethylbenzene	ND		0.00111	0.000311
Total Xylenes	ND		0.00222	0.00089
Styrene	ND		0.00111	0.000244
Bromoform	ND		0.00111	0.000266
Isopropylbenzene	ND		0.00111	0.000322
1,1,2,2-Tetrachloroethane	ND		0.00111	0.000255
1,3-Dichlorobenzene	ND		0.00111	0.000266
1,4-Dichlorobenzene	ND		0.00111	0.000222
1,2-Dichlorobenzene	ND		0.00111	0.000311
1,2-Dibromo-3-chloropropane	ND		0.00111	0.000222
1,2,4-Trichlorobenzene	ND		0.00111	0.000289
1,2,3-Trichlorobenzene	ND		0.00111	0.000355
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00111	0.000411
Methyl acetate	ND		0.00222	0.000244
Cyclohexane	ND		0.00222	0.000433
Methylcyclohexane	ND		0.00111	0.0004
1,3-Dichloropropene (cis- and trans-)	ND		0.00111	0.000244

Total Target Compounds (52): 0.00394 B

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-007
Client ID: S-4/0-2
Date Received: 07/18/2013
Date Analyzed: 07/23/2013
Data file: F6172.D

GC/MS Column: DB-624
Sample wt/vol: 4.4g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1.1
% Moisture: 5.60
Sample prep by:

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		0.0012	0.000672
Chloromethane	ND		0.0012	0.000348
Vinyl chloride	ND		0.0012	0.000468
Bromomethane	ND		0.0012	0.000576
Chloroethane	ND		0.0012	0.000444
Trichlorofluoromethane	ND		0.0012	0.00036
1,1-Dichloroethene	ND		0.0012	0.000492
Acetone	ND		0.006	0.00066
Carbon disulfide	ND		0.0012	0.000372
Methylene chloride	0.00581	B	0.0024	0.00238
trans-1,2-Dichloroethene	ND		0.0012	0.000408
Methyl tert-butyl ether (MTBE)	ND		0.0012	0.0003
1,1-Dichloroethane	ND		0.0012	0.00036
cis-1,2-Dichloroethene	ND		0.0012	0.000336
2-Butanone (MEK)	ND		0.0024	0.000348
Bromochloromethane	ND		0.0012	0.0003
Chloroform	ND		0.0012	0.000324
1,1,1-Trichloroethane	ND		0.0012	0.000312
Carbon tetrachloride	ND		0.0012	0.0003
1,2-Dichloroethane (EDC)	ND		0.0012	0.000264
Benzene	ND		0.0012	0.000324
Trichloroethene	ND		0.0012	0.000408
1,2-Dichloropropane	ND		0.0012	0.000312
1,4-Dioxane	ND		0.240	0.014
Bromodichloromethane	ND		0.0012	0.000252
cis-1,3-Dichloropropene	ND		0.0012	0.000252
4-Methyl-2-pentanone (MIBK)	ND		0.0012	0.000252

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-007
Client ID: S-4/0-2
Date Received: 07/18/2013
Date Analyzed: 07/23/2013
Data file: F6172.D

GC/MS Column: DB-624
Sample wt/vol: 4.4g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1.1
% Moisture: 5.60

Compound	Concentration	Q	RL	MDL
Toluene	ND		0.0012	0.0003
trans-1,3-Dichloropropene	ND		0.0012	0.000264
1,1,2-Trichloroethane	ND		0.0012	0.000252
Tetrachloroethene	ND		0.0012	0.0003
2-Hexanone	ND		0.0012	0.000324
Dibromochloromethane	ND		0.0012	0.000252
1,2-Dibromoethane (EDB)	ND		0.0012	0.00024
Chlorobenzene	ND		0.0012	0.000336
Ethylbenzene	ND		0.0012	0.000336
Total Xylenes	ND		0.0024	0.00096
Styrene	ND		0.0012	0.000264
Bromoform	ND		0.0012	0.000288
Isopropylbenzene	ND		0.0012	0.000348
1,1,2,2-Tetrachloroethane	ND		0.0012	0.000276
1,3-Dichlorobenzene	ND		0.0012	0.000288
1,4-Dichlorobenzene	ND		0.0012	0.00024
1,2-Dichlorobenzene	ND		0.0012	0.000336
1,2-Dibromo-3-chloropropane	ND		0.0012	0.00024
1,2,4-Trichlorobenzene	ND		0.0012	0.000312
1,2,3-Trichlorobenzene	ND		0.0012	0.000384
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0012	0.000444
Methyl acetate	ND		0.0024	0.000264
Cyclohexane	ND		0.0024	0.000468
Methylcyclohexane	ND		0.0012	0.000432
1,3-Dichloropropene (cis- and trans-)	ND		0.0012	0.000264

Total Target Compounds (52): 0.00581 B

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-008
Client ID: S-4A/14-16
Date Received: 07/18/2013
Date Analyzed: 07/23/2013
Data file: F6184.D

GC/MS Column: DB-624
Sample wt/vol: 5.4g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 0.9
% Moisture: 6.10
Sample prep by:

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		0.00099	0.000554
Chloromethane	ND		0.00099	0.000287
Vinyl chloride	ND		0.00099	0.000386
Bromomethane	ND		0.00099	0.000475
Chloroethane	ND		0.00099	0.000366
Trichlorofluoromethane	ND		0.00099	0.000297
1,1-Dichloroethene	ND		0.00099	0.000406
Acetone	ND		0.00495	0.000545
Carbon disulfide	ND		0.00099	0.000307
Methylene chloride	0.00578	B	0.00198	0.00196
trans-1,2-Dichloroethene	ND		0.00099	0.000337
Methyl tert-butyl ether (MTBE)	0.00066	J	0.00099	0.000248
1,1-Dichloroethane	ND		0.00099	0.000297
cis-1,2-Dichloroethene	ND		0.00099	0.000277
2-Butanone (MEK)	ND		0.00198	0.000287
Bromochloromethane	ND		0.00099	0.000248
Chloroform	ND		0.00099	0.000267
1,1,1-Trichloroethane	ND		0.00099	0.000257
Carbon tetrachloride	ND		0.00099	0.000248
1,2-Dichloroethane (EDC)	ND		0.00099	0.000218
Benzene	ND		0.00099	0.000267
Trichloroethene	ND		0.00099	0.000337
1,2-Dichloropropane	ND		0.00099	0.000257
1,4-Dioxane	ND		0.198	0.011
Bromodichloromethane	ND		0.00099	0.000208
cis-1,3-Dichloropropene	ND		0.00099	0.000208
4-Methyl-2-pentanone (MIBK)	ND		0.00099	0.000208

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-008
Client ID: S-4A/14-16
Date Received: 07/18/2013
Date Analyzed: 07/23/2013
Data file: F6184.D

GC/MS Column: DB-624
Sample wt/vol: 5.4g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 0.9
% Moisture: 6.10

Compound	Concentration	Q	RL	MDL
Toluene	ND		0.00099	0.000248
trans-1,3-Dichloropropene	ND		0.00099	0.000218
1,1,2-Trichloroethane	ND		0.00099	0.000208
Tetrachloroethene	ND		0.00099	0.000248
2-Hexanone	ND		0.00099	0.000267
Dibromochloromethane	ND		0.00099	0.000208
1,2-Dibromoethane (EDB)	ND		0.00099	0.000198
Chlorobenzene	ND		0.00099	0.000277
Ethylbenzene	ND		0.00099	0.000277
Total Xylenes	ND		0.00198	0.00079
Styrene	ND		0.00099	0.000218
Bromoform	ND		0.00099	0.000238
Isopropylbenzene	ND		0.00099	0.000287
1,1,2,2-Tetrachloroethane	ND		0.00099	0.000228
1,3-Dichlorobenzene	ND		0.00099	0.000238
1,4-Dichlorobenzene	ND		0.00099	0.000198
1,2-Dichlorobenzene	ND		0.00099	0.000277
1,2-Dibromo-3-chloropropane	ND		0.00099	0.000198
1,2,4-Trichlorobenzene	ND		0.00099	0.000257
1,2,3-Trichlorobenzene	ND		0.00099	0.000317
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00099	0.000366
Methyl acetate	ND		0.00198	0.000218
Cyclohexane	ND		0.00198	0.000386
Methylcyclohexane	ND		0.00099	0.000356
1,3-Dichloropropene (cis- and trans-)	ND		0.00099	0.000218

Total Target Compounds (52): 0.00644 JB

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-009
Client ID: S-5/0-2
Date Received: 07/18/2013
Date Analyzed: 07/23/2013
Data file: F6174.D

GC/MS Column: DB-624
Sample wt/vol: 4.9g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 12.9
Sample prep by:

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		0.00117	0.000655
Chloromethane	ND		0.00117	0.000339
Vinyl chloride	ND		0.00117	0.000456
Bromomethane	ND		0.00117	0.000562
Chloroethane	ND		0.00117	0.000433
Trichlorofluoromethane	ND		0.00117	0.000351
1,1-Dichloroethene	ND		0.00117	0.00048
Acetone	ND		0.00585	0.000644
Carbon disulfide	ND		0.00117	0.000363
Methylene chloride	0.00412	B	0.00234	0.00232
trans-1,2-Dichloroethene	ND		0.00117	0.000398
Methyl tert-butyl ether (MTBE)	ND		0.00117	0.000293
1,1-Dichloroethane	ND		0.00117	0.000351
cis-1,2-Dichloroethene	ND		0.00117	0.000328
2-Butanone (MEK)	ND		0.00234	0.000339
Bromochloromethane	ND		0.00117	0.000293
Chloroform	ND		0.00117	0.000316
1,1,1-Trichloroethane	ND		0.00117	0.000304
Carbon tetrachloride	ND		0.00117	0.000293
1,2-Dichloroethane (EDC)	ND		0.00117	0.000257
Benzene	ND		0.00117	0.000316
Trichloroethene	ND		0.00117	0.000398
1,2-Dichloropropane	ND		0.00117	0.000304
1,4-Dioxane	ND		0.234	0.013
Bromodichloromethane	ND		0.00117	0.000246
cis-1,3-Dichloropropene	ND		0.00117	0.000246
4-Methyl-2-pentanone (MIBK)	ND		0.00117	0.000246

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-009
Client ID: S-5/0-2
Date Received: 07/18/2013
Date Analyzed: 07/23/2013
Data file: F6174.D

GC/MS Column: DB-624
Sample wt/vol: 4.9g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 12.9

Compound	Concentration	Q	RL	MDL
Toluene	ND		0.00117	0.000293
trans-1,3-Dichloropropene	ND		0.00117	0.000257
1,1,2-Trichloroethane	ND		0.00117	0.000246
Tetrachloroethene	ND		0.00117	0.000293
2-Hexanone	ND		0.00117	0.000316
Dibromochloromethane	ND		0.00117	0.000246
1,2-Dibromoethane (EDB)	ND		0.00117	0.000234
Chlorobenzene	ND		0.00117	0.000328
Ethylbenzene	ND		0.00117	0.000328
Total Xylenes	ND		0.00234	0.00094
Styrene	ND		0.00117	0.000257
Bromoform	ND		0.00117	0.000281
Isopropylbenzene	ND		0.00117	0.000339
1,1,2,2-Tetrachloroethane	ND		0.00117	0.000269
1,3-Dichlorobenzene	ND		0.00117	0.000281
1,4-Dichlorobenzene	ND		0.00117	0.000234
1,2-Dichlorobenzene	ND		0.00117	0.000328
1,2-Dibromo-3-chloropropane	ND		0.00117	0.000234
1,2,4-Trichlorobenzene	ND		0.00117	0.000304
1,2,3-Trichlorobenzene	ND		0.00117	0.000374
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00117	0.000433
Methyl acetate	ND		0.00234	0.000257
Cyclohexane	ND		0.00234	0.000456
Methylcyclohexane	ND		0.00117	0.000421
1,3-Dichloropropene (cis- and trans-)	ND		0.00117	0.000257

Total Target Compounds (52): 0.00412 B

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-010
Client ID: S-5A/11-13
Date Received: 07/18/2013
Date Analyzed: 07/23/2013
Data file: F6175.D

GC/MS Column: DB-624
Sample wt/vol: 5.3g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 0.9
% Moisture: 17.9
Sample prep by:

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		0.00115	0.000644
Chloromethane	ND		0.00115	0.000334
Vinyl chloride	ND		0.00115	0.000449
Bromomethane	ND		0.00115	0.000552
Chloroethane	ND		0.00115	0.000426
Trichlorofluoromethane	ND		0.00115	0.000345
1,1-Dichloroethene	ND		0.00115	0.000472
Acetone	ND		0.00575	0.000633
Carbon disulfide	ND		0.00115	0.000357
Methylene chloride	0.00742	B	0.0023	0.00228
trans-1,2-Dichloroethene	ND		0.00115	0.000391
Methyl tert-butyl ether (MTBE)	ND		0.00115	0.000288
1,1-Dichloroethane	ND		0.00115	0.000345
cis-1,2-Dichloroethene	ND		0.00115	0.000322
2-Butanone (MEK)	ND		0.0023	0.000334
Bromochloromethane	ND		0.00115	0.000288
Chloroform	ND		0.00115	0.000311
1,1,1-Trichloroethane	ND		0.00115	0.000299
Carbon tetrachloride	ND		0.00115	0.000288
1,2-Dichloroethane (EDC)	ND		0.00115	0.000253
Benzene	ND		0.00115	0.000311
Trichloroethene	ND		0.00115	0.000391
1,2-Dichloropropane	ND		0.00115	0.000299
1,4-Dioxane	ND		0.230	0.013
Bromodichloromethane	ND		0.00115	0.000242
cis-1,3-Dichloropropene	ND		0.00115	0.000242
4-Methyl-2-pentanone (MIBK)	ND		0.00115	0.000242

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-010
Client ID: S-5A/11-13
Date Received: 07/18/2013
Date Analyzed: 07/23/2013
Data file: F6175.D

GC/MS Column: DB-624
Sample wt/vol: 5.3g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 0.9
% Moisture: 17.9

Compound	Concentration	Q	RL	MDL
Toluene	ND		0.00115	0.000288
trans-1,3-Dichloropropene	ND		0.00115	0.000253
1,1,2-Trichloroethane	ND		0.00115	0.000242
Tetrachloroethene	ND		0.00115	0.000288
2-Hexanone	ND		0.00115	0.000311
Dibromochloromethane	ND		0.00115	0.000242
1,2-Dibromoethane (EDB)	ND		0.00115	0.00023
Chlorobenzene	ND		0.00115	0.000322
Ethylbenzene	ND		0.00115	0.000322
Total Xylenes	ND		0.0023	0.00092
Styrene	ND		0.00115	0.000253
Bromoform	ND		0.00115	0.000276
Isopropylbenzene	ND		0.00115	0.000334
1,1,2,2-Tetrachloroethane	ND		0.00115	0.000265
1,3-Dichlorobenzene	ND		0.00115	0.000276
1,4-Dichlorobenzene	ND		0.00115	0.00023
1,2-Dichlorobenzene	ND		0.00115	0.000322
1,2-Dibromo-3-chloropropane	ND		0.00115	0.00023
1,2,4-Trichlorobenzene	ND		0.00115	0.000299
1,2,3-Trichlorobenzene	ND		0.00115	0.000368
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00115	0.000426
Methyl acetate	ND		0.0023	0.000253
Cyclohexane	ND		0.0023	0.000449
Methylcyclohexane	ND		0.00115	0.000414
1,3-Dichloropropene (cis- and trans-)	ND		0.00115	0.000253

Total Target Compounds (52): 0.00742 B

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-011
Client ID: S-6/0-2
Date Received: 07/18/2013
Date Analyzed: 07/23/2013
Data file: F6176.D

GC/MS Column: DB-624
Sample wt/vol: 5.1g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 11.9
Sample prep by:

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		0.00111	0.000622
Chloromethane	ND		0.00111	0.000322
Vinyl chloride	ND		0.00111	0.000433
Bromomethane	ND		0.00111	0.000533
Chloroethane	ND		0.00111	0.000411
Trichlorofluoromethane	ND		0.00111	0.000333
1,1-Dichloroethene	ND		0.00111	0.000455
Acetone	ND		0.00555	0.000611
Carbon disulfide	ND		0.00111	0.000344
Methylene chloride	0.00475	B	0.00222	0.0022
trans-1,2-Dichloroethene	ND		0.00111	0.000377
Methyl tert-butyl ether (MTBE)	ND		0.00111	0.000278
1,1-Dichloroethane	ND		0.00111	0.000333
cis-1,2-Dichloroethene	ND		0.00111	0.000311
2-Butanone (MEK)	ND		0.00222	0.000322
Bromochloromethane	ND		0.00111	0.000278
Chloroform	ND		0.00111	0.0003
1,1,1-Trichloroethane	ND		0.00111	0.000289
Carbon tetrachloride	ND		0.00111	0.000278
1,2-Dichloroethane (EDC)	ND		0.00111	0.000244
Benzene	ND		0.00111	0.0003
Trichloroethene	ND		0.00111	0.000377
1,2-Dichloropropane	ND		0.00111	0.000289
1,4-Dioxane	ND		0.222	0.013
Bromodichloromethane	ND		0.00111	0.000233
cis-1,3-Dichloropropene	ND		0.00111	0.000233
4-Methyl-2-pentanone (MIBK)	ND		0.00111	0.000233

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-011
Client ID: S-6/0-2
Date Received: 07/18/2013
Date Analyzed: 07/23/2013
Data file: F6176.D

GC/MS Column: DB-624
Sample wt/vol: 5.1g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 11.9

Compound	Concentration	Q	RL	MDL
Toluene	ND		0.00111	0.000278
trans-1,3-Dichloropropene	ND		0.00111	0.000244
1,1,2-Trichloroethane	ND		0.00111	0.000233
Tetrachloroethene	ND		0.00111	0.000278
2-Hexanone	ND		0.00111	0.0003
Dibromochloromethane	ND		0.00111	0.000233
1,2-Dibromoethane (EDB)	ND		0.00111	0.000222
Chlorobenzene	ND		0.00111	0.000311
Ethylbenzene	ND		0.00111	0.000311
Total Xylenes	ND		0.00222	0.00089
Styrene	ND		0.00111	0.000244
Bromoform	ND		0.00111	0.000266
Isopropylbenzene	ND		0.00111	0.000322
1,1,2,2-Tetrachloroethane	ND		0.00111	0.000255
1,3-Dichlorobenzene	ND		0.00111	0.000266
1,4-Dichlorobenzene	ND		0.00111	0.000222
1,2-Dichlorobenzene	ND		0.00111	0.000311
1,2-Dibromo-3-chloropropane	ND		0.00111	0.000222
1,2,4-Trichlorobenzene	ND		0.00111	0.000289
1,2,3-Trichlorobenzene	ND		0.00111	0.000355
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00111	0.000411
Methyl acetate	ND		0.00222	0.000244
Cyclohexane	ND		0.00222	0.000433
Methylcyclohexane	ND		0.00111	0.0004
1,3-Dichloropropene (cis- and trans-)	ND		0.00111	0.000244

Total Target Compounds (52): 0.00475 B

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-012
Client ID: S-6A/13-15
Date Received: 07/18/2013
Date Analyzed: 07/23/2013
Data file: F6177.D

GC/MS Column: DB-624
Sample wt/vol: 5.2g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 16.5
Sample prep by:

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		0.00115	0.000644
Chloromethane	ND		0.00115	0.000334
Vinyl chloride	ND		0.00115	0.000449
Bromomethane	ND		0.00115	0.000552
Chloroethane	ND		0.00115	0.000426
Trichlorofluoromethane	ND		0.00115	0.000345
1,1-Dichloroethene	ND		0.00115	0.000472
Acetone	ND		0.00575	0.000633
Carbon disulfide	ND		0.00115	0.000357
Methylene chloride	0.00642	B	0.0023	0.00228
trans-1,2-Dichloroethene	ND		0.00115	0.000391
Methyl tert-butyl ether (MTBE)	ND		0.00115	0.000288
1,1-Dichloroethane	ND		0.00115	0.000345
cis-1,2-Dichloroethene	ND		0.00115	0.000322
2-Butanone (MEK)	ND		0.0023	0.000334
Bromochloromethane	ND		0.00115	0.000288
Chloroform	ND		0.00115	0.000311
1,1,1-Trichloroethane	ND		0.00115	0.000299
Carbon tetrachloride	ND		0.00115	0.000288
1,2-Dichloroethane (EDC)	ND		0.00115	0.000253
Benzene	ND		0.00115	0.000311
Trichloroethene	ND		0.00115	0.000391
1,2-Dichloropropane	ND		0.00115	0.000299
1,4-Dioxane	ND		0.230	0.013
Bromodichloromethane	ND		0.00115	0.000242
cis-1,3-Dichloropropene	ND		0.00115	0.000242
4-Methyl-2-pentanone (MIBK)	ND		0.00115	0.000242

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-012
Client ID: S-6A/13-15
Date Received: 07/18/2013
Date Analyzed: 07/23/2013
Data file: F6177.D

GC/MS Column: DB-624
Sample wt/vol: 5.2g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 16.5

Compound	Concentration	Q	RL	MDL
Toluene	ND		0.00115	0.000288
trans-1,3-Dichloropropene	ND		0.00115	0.000253
1,1,2-Trichloroethane	ND		0.00115	0.000242
Tetrachloroethene	ND		0.00115	0.000288
2-Hexanone	ND		0.00115	0.000311
Dibromochloromethane	ND		0.00115	0.000242
1,2-Dibromoethane (EDB)	ND		0.00115	0.00023
Chlorobenzene	ND		0.00115	0.000322
Ethylbenzene	ND		0.00115	0.000322
Total Xylenes	ND		0.0023	0.00092
Styrene	ND		0.00115	0.000253
Bromoform	ND		0.00115	0.000276
Isopropylbenzene	ND		0.00115	0.000334
1,1,2,2-Tetrachloroethane	ND		0.00115	0.000265
1,3-Dichlorobenzene	ND		0.00115	0.000276
1,4-Dichlorobenzene	ND		0.00115	0.00023
1,2-Dichlorobenzene	ND		0.00115	0.000322
1,2-Dibromo-3-chloropropane	ND		0.00115	0.00023
1,2,4-Trichlorobenzene	ND		0.00115	0.000299
1,2,3-Trichlorobenzene	ND		0.00115	0.000368
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00115	0.000426
Methyl acetate	ND		0.0023	0.000253
Cyclohexane	ND		0.0023	0.000449
Methylcyclohexane	ND		0.00115	0.000414
1,3-Dichloropropene (cis- and trans-)	ND		0.00115	0.000253

Total Target Compounds (52): 0.00642 B

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-013
Client ID: S-7/0-2
Date Received: 07/18/2013
Date Analyzed: 07/23/2013
Data file: F6185.D

GC/MS Column: DB-624
Sample wt/vol: 5.7g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 0.9
% Moisture: 14.7
Sample prep by:

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		0.00103	0.000577
Chloromethane	ND		0.00103	0.000299
Vinyl chloride	ND		0.00103	0.000402
Bromomethane	ND		0.00103	0.000494
Chloroethane	ND		0.00103	0.000381
Trichlorofluoromethane	ND		0.00103	0.000309
1,1-Dichloroethene	ND		0.00103	0.000422
Acetone	ND		0.00515	0.000567
Carbon disulfide	ND		0.00103	0.000319
Methylene chloride	0.0032	B	0.00206	0.00204
trans-1,2-Dichloroethene	ND		0.00103	0.00035
Methyl tert-butyl ether (MTBE)	ND		0.00103	0.000258
1,1-Dichloroethane	ND		0.00103	0.000309
cis-1,2-Dichloroethene	ND		0.00103	0.000288
2-Butanone (MEK)	ND		0.00206	0.000299
Bromochloromethane	ND		0.00103	0.000258
Chloroform	ND		0.00103	0.000278
1,1,1-Trichloroethane	ND		0.00103	0.000268
Carbon tetrachloride	ND		0.00103	0.000258
1,2-Dichloroethane (EDC)	ND		0.00103	0.000227
Benzene	ND		0.00103	0.000278
Trichloroethene	ND		0.00103	0.00035
1,2-Dichloropropane	ND		0.00103	0.000268
1,4-Dioxane	ND		0.206	0.012
Bromodichloromethane	ND		0.00103	0.000216
cis-1,3-Dichloropropene	ND		0.00103	0.000216
4-Methyl-2-pentanone (MIBK)	ND		0.00103	0.000216

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-013
Client ID: S-7/0-2
Date Received: 07/18/2013
Date Analyzed: 07/23/2013
Data file: F6185.D

GC/MS Column: DB-624
Sample wt/vol: 5.7g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 0.9
% Moisture: 14.7

Compound	Concentration	Q	RL	MDL
Toluene	ND		0.00103	0.000258
trans-1,3-Dichloropropene	ND		0.00103	0.000227
1,1,2-Trichloroethane	ND		0.00103	0.000216
Tetrachloroethene	ND		0.00103	0.000258
2-Hexanone	ND		0.00103	0.000278
Dibromochloromethane	ND		0.00103	0.000216
1,2-Dibromoethane (EDB)	ND		0.00103	0.000206
Chlorobenzene	ND		0.00103	0.000288
Ethylbenzene	ND		0.00103	0.000288
Total Xylenes	ND		0.00206	0.00082
Styrene	ND		0.00103	0.000227
Bromoform	ND		0.00103	0.000247
Isopropylbenzene	ND		0.00103	0.000299
1,1,2,2-Tetrachloroethane	ND		0.00103	0.000237
1,3-Dichlorobenzene	ND		0.00103	0.000247
1,4-Dichlorobenzene	ND		0.00103	0.000206
1,2-Dichlorobenzene	ND		0.00103	0.000288
1,2-Dibromo-3-chloropropane	ND		0.00103	0.000206
1,2,4-Trichlorobenzene	ND		0.00103	0.000268
1,2,3-Trichlorobenzene	ND		0.00103	0.00033
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00103	0.000381
Methyl acetate	ND		0.00206	0.000227
Cyclohexane	ND		0.00206	0.000402
Methylcyclohexane	ND		0.00103	0.000371
1,3-Dichloropropene (cis- and trans-)	ND		0.00103	0.000227

Total Target Compounds (52): 0.0032 B

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INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-014
Client ID: S-7A/12-14
Date Received: 07/18/2013
Date Analyzed: 07/23/2013
Data file: L8354.D

GC/MS Column: DB-624
Sample wt/vol: 0.06g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 15.9
Sample prep by:

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		0.099	0.062
Chloromethane	ND		0.099	0.040
Vinyl chloride	ND		0.099	0.052
Bromomethane	ND		0.099	0.043
Chloroethane	ND		0.099	0.045
Trichlorofluoromethane	ND		0.099	0.056
1,1-Dichloroethene	ND		0.099	0.039
Acetone	ND		0.495	0.054
Carbon disulfide	ND		0.099	0.046
Methylene chloride	ND		0.198	0.196
trans-1,2-Dichloroethene	ND		0.099	0.038
Methyl tert-butyl ether (MTBE)	ND		0.099	0.071
1,1-Dichloroethane	ND		0.099	0.029
cis-1,2-Dichloroethene	ND		0.099	0.027
2-Butanone (MEK)	ND		0.099	0.056
Bromochloromethane	ND		0.099	0.028
Chloroform	ND		0.099	0.037
1,1,1-Trichloroethane	ND		0.099	0.033
Carbon tetrachloride	ND		0.099	0.036
1,2-Dichloroethane (EDC)	ND		0.099	0.037
Benzene	ND		0.099	0.025
Trichloroethene	ND		0.099	0.022
1,2-Dichloropropane	ND		0.099	0.024
1,4-Dioxane	ND		19.8	1.88
Bromodichloromethane	ND		0.099	0.039
cis-1,3-Dichloropropene	ND		0.099	0.026
4-Methyl-2-pentanone (MIBK)	ND		0.099	0.030

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INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-014
Client ID: S-7A/12-14
Date Received: 07/18/2013
Date Analyzed: 07/23/2013
Data file: L8354.D

GC/MS Column: DB-624
Sample wt/vol: 0.06g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 15.9

Compound	Concentration	Q	RL	MDL
Toluene	ND		0.099	0.027
trans-1,3-Dichloropropene	ND		0.099	0.026
1,1,2-Trichloroethane	ND		0.099	0.043
Tetrachloroethene	ND		0.099	0.024
2-Hexanone	ND		0.099	0.025
Dibromochloromethane	ND		0.099	0.024
1,2-Dibromoethane (EDB)	ND		0.099	0.032
Chlorobenzene	ND		0.099	0.027
Ethylbenzene	0.043	J	0.099	0.036
Total Xylenes	ND		0.198	0.065
Styrene	ND		0.099	0.040
Bromoform	ND		0.099	0.024
Isopropylbenzene	0.052	J	0.099	0.032
1,1,2,2-Tetrachloroethane	ND		0.099	0.026
1,3-Dichlorobenzene	ND		0.099	0.027
1,4-Dichlorobenzene	ND		0.099	0.030
1,2-Dichlorobenzene	ND		0.099	0.025
1,2-Dibromo-3-chloropropane	ND		0.099	0.060
1,2,4-Trichlorobenzene	ND		0.099	0.040
1,2,3-Trichlorobenzene	ND		0.099	0.044
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.099	0.049
Methyl acetate	ND		0.198	0.060
Cyclohexane	ND		0.495	0.038
Methylcyclohexane	ND		0.099	0.036
1,3-Dichloropropene (cis- and trans-)	ND		0.099	0.026
Total Target Compounds (52):	0.094	J		

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-015
Client ID: MW-1
Date Received: 07/18/2013
Date Analyzed: 07/22/2013
Data file: L8322.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100
Sample prep by:

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		1.00	0.550
Chloromethane	ND		1.00	0.340
Vinyl chloride	ND		1.00	0.500
Bromomethane	ND		1.00	0.400
Chloroethane	ND		1.00	0.470
Trichlorofluoromethane	ND		1.00	0.530
1,1-Dichloroethene	ND		1.00	0.550
Acetone	ND		5.00	0.410
Carbon disulfide	ND		1.00	0.490
Methylene chloride	ND		2.00	1.98
trans-1,2-Dichloroethene	ND		1.00	0.430
Methyl tert-butyl ether (MTBE)	2.47		1.00	0.250
1,1-Dichloroethane	ND		1.00	0.330
cis-1,2-Dichloroethene	ND		1.00	0.210
2-Butanone (MEK)	ND		1.00	0.270
Bromochloromethane	ND		1.00	0.270
Chloroform	ND		1.00	0.280
1,1,1-Trichloroethane	ND		1.00	0.390
Carbon tetrachloride	ND		1.00	0.480
1,2-Dichloroethane (EDC)	ND		1.00	0.210
Benzene	ND		1.00	0.240
Trichloroethene	ND		1.00	0.270
1,2-Dichloropropane	ND		1.00	0.240
1,4-Dioxane	ND		200	31.6
Bromodichloromethane	ND		1.00	0.270
cis-1,3-Dichloropropene	ND		1.00	0.330
4-Methyl-2-pentanone (MIBK)	ND		1.00	0.290

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-015
Client ID: MW-1
Date Received: 07/18/2013
Date Analyzed: 07/22/2013
Data file: L8322.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Toluene	ND		1.00	0.250
trans-1,3-Dichloropropene	ND		1.00	0.470
1,1,2-Trichloroethane	ND		1.00	0.420
Tetrachloroethene	ND		1.00	0.230
1,3-Dichloropropane	ND		1.00	0.350
2-Hexanone	ND		1.00	0.460
Dibromochloromethane	ND		1.00	0.360
1,2-Dibromoethane (EDB)	ND		1.00	0.460
Chlorobenzene	ND		1.00	0.220
Ethylbenzene	ND		1.00	0.350
Total Xylenes	ND		2.00	0.610
Styrene	ND		1.00	0.220
Bromoform	ND		1.00	0.440
Isopropylbenzene	ND		1.00	0.240
1,1,2,2-Tetrachloroethane	ND		1.00	0.260
1,2,3-Trichloropropane	ND		1.00	0.250
1,3-Dichlorobenzene	ND		1.00	0.260
4-Isopropyltoluene	ND		1.00	0.280
1,4-Dichlorobenzene	ND		1.00	0.260
1,2-Dichlorobenzene	ND		1.00	0.290
1,2-Dibromo-3-chloropropane	ND		1.00	0.550
1,2,4-Trichlorobenzene	ND		1.00	0.420
1,2,3-Trichlorobenzene	ND		1.00	0.300
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.780
Methyl acetate	ND		2.00	0.220
Cyclohexane	ND		5.00	0.450
Methylcyclohexane	ND		1.00	0.420
1,3-Dichloropropene (cis- and trans-)	ND		1.00	0.470

Total Target Compounds (55): 2.47

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-016
Client ID: MW-3
Date Received: 07/18/2013
Date Analyzed: 07/22/2013
Data file: L8316.D

GC/MS Column: DB-624
Sample wt/vol: 0.5ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 10
% Moisture: 100
Sample prep by:

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		10.0	5.50
Chloromethane	ND		10.0	3.40
Vinyl chloride	ND		10.0	5.00
Bromomethane	ND		10.0	4.00
Chloroethane	ND		10.0	4.70
Trichlorofluoromethane	ND		10.0	5.30
1,1-Dichloroethene	ND		10.0	5.50
Acetone	ND		50.0	4.10
Carbon disulfide	ND		10.0	4.90
Methylene chloride	ND		20.0	19.8
trans-1,2-Dichloroethene	ND		10.0	4.30
Methyl tert-butyl ether (MTBE)	ND		10.0	2.50
1,1-Dichloroethane	ND		10.0	3.30
cis-1,2-Dichloroethene	ND		10.0	2.10
2-Butanone (MEK)	ND		10.0	2.70
Bromochloromethane	ND		10.0	2.70
Chloroform	ND		10.0	2.80
1,1,1-Trichloroethane	ND		10.0	3.90
Carbon tetrachloride	ND		10.0	4.80
1,2-Dichloroethane (EDC)	ND		10.0	2.10
Benzene	ND		10.0	2.40
Trichloroethene	ND		10.0	2.70
1,2-Dichloropropane	ND		10.0	2.40
1,4-Dioxane	ND		2000	316
Bromodichloromethane	ND		10.0	2.70
cis-1,3-Dichloropropene	ND		10.0	3.30
4-Methyl-2-pentanone (MIBK)	ND		10.0	2.90

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INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-016
Client ID: MW-3
Date Received: 07/18/2013
Date Analyzed: 07/22/2013
Data file: L8316.D

GC/MS Column: DB-624
Sample wt/vol: 0.5ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 10
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Toluene	14.9		10.0	2.50
trans-1,3-Dichloropropene	ND		10.0	4.70
1,1,2-Trichloroethane	ND		10.0	4.20
Tetrachloroethene	ND		10.0	2.30
1,3-Dichloropropane	ND		10.0	3.50
2-Hexanone	ND		10.0	4.60
Dibromochloromethane	ND		10.0	3.60
1,2-Dibromoethane (EDB)	ND		10.0	4.60
Chlorobenzene	ND		10.0	2.20
Ethylbenzene	578		10.0	3.50
Total Xylenes	1740		20.0	6.10
Styrene	ND		10.0	2.20
Bromoform	ND		10.0	4.40
Isopropylbenzene	75.6		10.0	2.40
1,1,2,2-Tetrachloroethane	ND		10.0	2.60
1,2,3-Trichloropropane	ND		10.0	2.50
1,3-Dichlorobenzene	ND		10.0	2.60
4-Isopropyltoluene	ND		10.0	2.80
1,4-Dichlorobenzene	ND		10.0	2.60
1,2-Dichlorobenzene	ND		10.0	2.90
1,2-Dibromo-3-chloropropane	ND		10.0	5.50
1,2,4-Trichlorobenzene	ND		10.0	4.20
1,2,3-Trichlorobenzene	ND		10.0	3.00
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10.0	7.80
Methyl acetate	ND		20.0	2.20
Cyclohexane	130		50.0	4.50
Methylcyclohexane	69.1		10.0	4.20
1,3-Dichloropropene (cis- and trans-)	ND		10.0	4.70

Total Target Compounds (55): 2610

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-017
Client ID: MW-5
Date Received: 07/18/2013
Date Analyzed: 07/22/2013
Data file: L8315.D

GC/MS Column: DB-624
Sample wt/vol: 1ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 5
% Moisture: 100
Sample prep by:

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		5.00	2.75
Chloromethane	ND		5.00	1.70
Vinyl chloride	ND		5.00	2.50
Bromomethane	ND		5.00	2.00
Chloroethane	ND		5.00	2.35
Trichlorofluoromethane	ND		5.00	2.65
1,1-Dichloroethene	ND		5.00	2.75
Acetone	ND		25.0	2.05
Carbon disulfide	ND		5.00	2.45
Methylene chloride	ND		10.0	9.90
trans-1,2-Dichloroethene	ND		5.00	2.15
Methyl tert-butyl ether (MTBE)	ND		5.00	1.25
1,1-Dichloroethane	ND		5.00	1.65
cis-1,2-Dichloroethene	ND		5.00	1.05
2-Butanone (MEK)	ND		5.00	1.35
Bromochloromethane	ND		5.00	1.35
Chloroform	ND		5.00	1.40
1,1,1-Trichloroethane	ND		5.00	1.95
Carbon tetrachloride	ND		5.00	2.40
1,2-Dichloroethane (EDC)	ND		5.00	1.05
Benzene	1.87	J	5.00	1.20
Trichloroethene	ND		5.00	1.35
1,2-Dichloropropane	ND		5.00	1.20
1,4-Dioxane	ND		1000	158
Bromodichloromethane	ND		5.00	1.35
cis-1,3-Dichloropropene	ND		5.00	1.65
4-Methyl-2-pentanone (MIBK)	ND		5.00	1.45

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-017
Client ID: MW-5
Date Received: 07/18/2013
Date Analyzed: 07/22/2013
Data file: L8315.D

GC/MS Column: DB-624
Sample wt/vol: 1ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 5
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Toluene	11.1		5.00	1.25
trans-1,3-Dichloropropene	ND		5.00	2.35
1,1,2-Trichloroethane	ND		5.00	2.10
Tetrachloroethene	ND		5.00	1.15
1,3-Dichloropropane	ND		5.00	1.75
2-Hexanone	ND		5.00	2.30
Dibromochloromethane	ND		5.00	1.80
1,2-Dibromoethane (EDB)	ND		5.00	2.30
Chlorobenzene	ND		5.00	1.10
Ethylbenzene	481		5.00	1.75
Total Xylenes	352		10.0	3.10
Styrene	ND		5.00	1.10
Bromoform	ND		5.00	2.20
Isopropylbenzene	44.8		5.00	1.20
1,1,2,2-Tetrachloroethane	ND		5.00	1.30
1,2,3-Trichloropropane	ND		5.00	1.25
1,3-Dichlorobenzene	ND		5.00	1.30
4-Isopropyltoluene	ND		5.00	1.40
1,4-Dichlorobenzene	ND		5.00	1.30
1,2-Dichlorobenzene	ND		5.00	1.45
1,2-Dibromo-3-chloropropane	ND		5.00	2.75
1,2,4-Trichlorobenzene	ND		5.00	2.10
1,2,3-Trichlorobenzene	ND		5.00	1.50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	3.90
Methyl acetate	ND		10.0	1.10
Cyclohexane	59.7		25.0	2.25
Methylcyclohexane	31.7		5.00	2.10
1,3-Dichloropropene (cis- and trans-)	ND		5.00	2.35
Total Target Compounds (55):	982	J		

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INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-018
Client ID: MW-8
Date Received: 07/18/2013
Date Analyzed: 07/22/2013
Data file: L8327.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100
Sample prep by:

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		1.00	0.550
Chloromethane	ND		1.00	0.340
Vinyl chloride	ND		1.00	0.500
Bromomethane	ND		1.00	0.400
Chloroethane	ND		1.00	0.470
Trichlorofluoromethane	ND		1.00	0.530
1,1-Dichloroethene	ND		1.00	0.550
Acetone	ND		5.00	0.410
Carbon disulfide	ND		1.00	0.490
Methylene chloride	ND		2.00	1.98
trans-1,2-Dichloroethene	ND		1.00	0.430
Methyl tert-butyl ether (MTBE)	ND		1.00	0.250
1,1-Dichloroethane	ND		1.00	0.330
cis-1,2-Dichloroethene	ND		1.00	0.210
2-Butanone (MEK)	ND		1.00	0.270
Bromochloromethane	ND		1.00	0.270
Chloroform	ND		1.00	0.280
1,1,1-Trichloroethane	ND		1.00	0.390
Carbon tetrachloride	ND		1.00	0.480
1,2-Dichloroethane (EDC)	ND		1.00	0.210
Benzene	ND		1.00	0.240
Trichloroethene	ND		1.00	0.270
1,2-Dichloropropane	ND		1.00	0.240
1,4-Dioxane	ND		200	31.6
Bromodichloromethane	ND		1.00	0.270
cis-1,3-Dichloropropene	ND		1.00	0.330
4-Methyl-2-pentanone (MIBK)	ND		1.00	0.290

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-018
Client ID: MW-8
Date Received: 07/18/2013
Date Analyzed: 07/22/2013
Data file: L8327.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Toluene	ND		1.00	0.250
trans-1,3-Dichloropropene	ND		1.00	0.470
1,1,2-Trichloroethane	ND		1.00	0.420
Tetrachloroethene	ND		1.00	0.230
1,3-Dichloropropane	ND		1.00	0.350
2-Hexanone	ND		1.00	0.460
Dibromochloromethane	ND		1.00	0.360
1,2-Dibromoethane (EDB)	ND		1.00	0.460
Chlorobenzene	ND		1.00	0.220
Ethylbenzene	ND		1.00	0.350
Total Xylenes	ND		2.00	0.610
Styrene	ND		1.00	0.220
Bromoform	ND		1.00	0.440
Isopropylbenzene	ND		1.00	0.240
1,1,2,2-Tetrachloroethane	ND		1.00	0.260
1,2,3-Trichloropropane	ND		1.00	0.250
1,3-Dichlorobenzene	ND		1.00	0.260
4-Isopropyltoluene	ND		1.00	0.280
1,4-Dichlorobenzene	ND		1.00	0.260
1,2-Dichlorobenzene	ND		1.00	0.290
1,2-Dibromo-3-chloropropane	ND		1.00	0.550
1,2,4-Trichlorobenzene	ND		1.00	0.420
1,2,3-Trichlorobenzene	ND		1.00	0.300
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.780
Methyl acetate	ND		2.00	0.220
Cyclohexane	ND		5.00	0.450
Methylcyclohexane	ND		1.00	0.420
1,3-Dichloropropene (cis- and trans-)	ND		1.00	0.470

Total Target Compounds (55): 0

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-019
Client ID: FIELD_BLANK
Date Received: 07/18/2013
Date Analyzed: 07/22/2013
Data file: L8320.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100
Sample prep by:

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		1.00	0.550
Chloromethane	ND		1.00	0.340
Vinyl chloride	ND		1.00	0.500
Bromomethane	ND		1.00	0.400
Chloroethane	ND		1.00	0.470
Trichlorofluoromethane	ND		1.00	0.530
1,1-Dichloroethene	ND		1.00	0.550
Acetone	ND		5.00	0.410
Carbon disulfide	ND		1.00	0.490
Methylene chloride	ND		2.00	1.98
trans-1,2-Dichloroethene	ND		1.00	0.430
Methyl tert-butyl ether (MTBE)	ND		1.00	0.250
1,1-Dichloroethane	ND		1.00	0.330
cis-1,2-Dichloroethene	ND		1.00	0.210
2-Butanone (MEK)	ND		1.00	0.270
Bromochloromethane	ND		1.00	0.270
Chloroform	ND		1.00	0.280
1,1,1-Trichloroethane	ND		1.00	0.390
Carbon tetrachloride	ND		1.00	0.480
1,2-Dichloroethane (EDC)	ND		1.00	0.210
Benzene	ND		1.00	0.240
Trichloroethene	ND		1.00	0.270
1,2-Dichloropropane	ND		1.00	0.240
1,4-Dioxane	ND		200	31.6
Bromodichloromethane	ND		1.00	0.270
cis-1,3-Dichloropropene	ND		1.00	0.330
4-Methyl-2-pentanone (MIBK)	ND		1.00	0.290

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-019
Client ID: FIELD_BLANK
Date Received: 07/18/2013
Date Analyzed: 07/22/2013
Data file: L8320.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Toluene	ND		1.00	0.250
trans-1,3-Dichloropropene	ND		1.00	0.470
1,1,2-Trichloroethane	ND		1.00	0.420
Tetrachloroethene	ND		1.00	0.230
1,3-Dichloropropane	ND		1.00	0.350
2-Hexanone	ND		1.00	0.460
Dibromochloromethane	ND		1.00	0.360
1,2-Dibromoethane (EDB)	ND		1.00	0.460
Chlorobenzene	ND		1.00	0.220
Ethylbenzene	ND		1.00	0.350
Total Xylenes	ND		2.00	0.610
Styrene	ND		1.00	0.220
Bromoform	ND		1.00	0.440
Isopropylbenzene	ND		1.00	0.240
1,1,2,2-Tetrachloroethane	ND		1.00	0.260
1,2,3-Trichloropropane	ND		1.00	0.250
1,3-Dichlorobenzene	ND		1.00	0.260
4-Isopropyltoluene	ND		1.00	0.280
1,4-Dichlorobenzene	ND		1.00	0.260
1,2-Dichlorobenzene	ND		1.00	0.290
1,2-Dibromo-3-chloropropane	ND		1.00	0.550
1,2,4-Trichlorobenzene	ND		1.00	0.420
1,2,3-Trichlorobenzene	ND		1.00	0.300
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.780
Methyl acetate	ND		2.00	0.220
Cyclohexane	ND		5.00	0.450
Methylcyclohexane	ND		1.00	0.420
1,3-Dichloropropene (cis- and trans-)	ND		1.00	0.470

Total Target Compounds (55): 0

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-020
Client ID: TRIP_BLANK
Date Received: 07/18/2013
Date Analyzed: 07/22/2013
Data file: L8321.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100
Sample prep by:

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		1.00	0.550
Chloromethane	ND		1.00	0.340
Vinyl chloride	ND		1.00	0.500
Bromomethane	ND		1.00	0.400
Chloroethane	ND		1.00	0.470
Trichlorofluoromethane	ND		1.00	0.530
1,1-Dichloroethene	ND		1.00	0.550
Acetone	ND		5.00	0.410
Carbon disulfide	ND		1.00	0.490
Methylene chloride	ND		2.00	1.98
trans-1,2-Dichloroethene	ND		1.00	0.430
Methyl tert-butyl ether (MTBE)	ND		1.00	0.250
1,1-Dichloroethane	ND		1.00	0.330
cis-1,2-Dichloroethene	ND		1.00	0.210
2-Butanone (MEK)	ND		1.00	0.270
Bromochloromethane	ND		1.00	0.270
Chloroform	ND		1.00	0.280
1,1,1-Trichloroethane	ND		1.00	0.390
Carbon tetrachloride	ND		1.00	0.480
1,2-Dichloroethane (EDC)	ND		1.00	0.210
Benzene	ND		1.00	0.240
Trichloroethene	ND		1.00	0.270
1,2-Dichloropropane	ND		1.00	0.240
1,4-Dioxane	ND		200	31.6
Bromodichloromethane	ND		1.00	0.270
cis-1,3-Dichloropropene	ND		1.00	0.330
4-Methyl-2-pentanone (MIBK)	ND		1.00	0.290

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

VOLATILE ORGANICS

Lab ID: 06816-020
Client ID: TRIP_BLANK
Date Received: 07/18/2013
Date Analyzed: 07/22/2013
Data file: L8321.D

GC/MS Column: DB-624
Sample wt/vol: 5ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Toluene	ND		1.00	0.250
trans-1,3-Dichloropropene	ND		1.00	0.470
1,1,2-Trichloroethane	ND		1.00	0.420
Tetrachloroethene	ND		1.00	0.230
1,3-Dichloropropane	ND		1.00	0.350
2-Hexanone	ND		1.00	0.460
Dibromochloromethane	ND		1.00	0.360
1,2-Dibromoethane (EDB)	ND		1.00	0.460
Chlorobenzene	ND		1.00	0.220
Ethylbenzene	ND		1.00	0.350
Total Xylenes	ND		2.00	0.610
Styrene	ND		1.00	0.220
Bromoform	ND		1.00	0.440
Isopropylbenzene	ND		1.00	0.240
1,1,2,2-Tetrachloroethane	ND		1.00	0.260
1,2,3-Trichloropropane	ND		1.00	0.250
1,3-Dichlorobenzene	ND		1.00	0.260
4-Isopropyltoluene	ND		1.00	0.280
1,4-Dichlorobenzene	ND		1.00	0.260
1,2-Dichlorobenzene	ND		1.00	0.290
1,2-Dibromo-3-chloropropane	ND		1.00	0.550
1,2,4-Trichlorobenzene	ND		1.00	0.420
1,2,3-Trichlorobenzene	ND		1.00	0.300
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.780
Methyl acetate	ND		2.00	0.220
Cyclohexane	ND		5.00	0.450
Methylcyclohexane	ND		1.00	0.420
1,3-Dichloropropene (cis- and trans-)	ND		1.00	0.470

Total Target Compounds (55): 0

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: BLKA130722-02
Client ID: .
Date Received: NA
Date Extracted: 07/22/2013
Date Analyzed: 07/22/2013
Data file: B0022.D

GC/MS Column: DB-5
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
N-Nitrosodimethylamine	ND		1.00	0.550
Pyridine	ND		1.00	0.470
Benzaldehyde	ND		1.00	0.180
Phenol	ND		1.00	0.400
Aniline	ND		1.00	0.350
Bis(2-chloroethyl) ether	ND		1.00	0.530
2-Chlorophenol	ND		1.00	0.310
1,3-Dichlorobenzene	ND		1.00	0.430
1,4-Dichlorobenzene	ND		1.00	0.350
Benzyl alcohol	ND		1.00	0.310
1,2-Dichlorobenzene	ND		1.00	0.360
2-Methylphenol	ND		1.00	0.240
Bis(2-chloroisopropyl) ether	ND		1.00	0.620
4-Methylphenol **	ND		1.00	0.380
N-Nitrosodi-n-propylamine	ND		1.00	0.400
Acetophenone	ND		1.00	0.370
3-Methylphenol	ND		1.00	0.380
Hexachloroethane	ND		1.00	0.390
Nitrobenzene	ND		1.00	0.320
Isophorone	ND		1.00	0.350
2-Nitrophenol	ND		1.00	0.220
2,4-Dimethylphenol	ND		1.00	0.350
Bis(2-chloroethoxy) methane	ND		1.00	0.470
Benzoic acid	ND		1.00	0.120
2,4-Dimethylaniline	ND		1.00	0.330
2,4-Dichlorophenol	ND		1.00	0.310
1,2,4-Trichlorobenzene	ND		1.00	0.340
Naphthalene	ND		1.00	0.337
4-Chloroaniline	ND		1.00	0.270
4-Aminotoluene	ND		1.00	0.340
Hexachlorobutadiene	ND		1.00	0.330
Caprolactam	ND		1.00	0.430
2-Aminotoluene	ND		1.00	0.340
4-Chloro-3-methylphenol	ND		1.00	0.290
2-Methylnaphthalene	ND		1.00	0.343
Hexachlorocyclopentadiene	ND		1.00	0.100
2,4,6-Trichlorophenol	ND		1.00	0.230
2,4,5-Trichlorophenol	ND		1.00	0.270
1,1'-Biphenyl	ND		1.00	0.350
2-Chloronaphthalene	ND		1.00	0.320
2-Nitroaniline	ND		1.00	0.230
Dimethyl phthalate	ND		1.00	0.370

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: BLKA130722-02
Client ID: .
Date Received: NA
Date Extracted: 07/22/2013
Date Analyzed: 07/22/2013
Data file: B0022.D

GC/MS Column: DB-5
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		1.00	0.170
Acenaphthylene	ND		1.00	0.292
3-Nitroaniline	ND		1.00	0.170
Acenaphthene	ND		1.00	0.347
2,4-Dinitrophenol	ND		1.00	0.190
4-Nitrophenol	ND		1.00	0.630
2,4-Dinitrotoluene	ND		1.00	0.160
Dibenzofuran	ND		1.00	0.360
Diethyl phthalate	ND		1.00	0.400
Fluorene	ND		1.00	0.311
4-Chlorophenyl phenyl ether	ND		1.00	0.390
4-Nitroaniline	ND		1.00	0.170
1,2,4,5-Tetrachlorobenzene	ND		1.00	0.330
2,3,4,6-Tetrachlorophenol	ND		1.00	0.170
4,6-Dinitro-2-methylphenol	ND		1.00	0.140
N-Nitrosodiphenylamine	ND		1.00	0.370
1,2-Diphenylhydrazine	ND		1.00	0.380
4-Bromophenyl phenyl ether	ND		1.00	0.380
Hexachlorobenzene	ND		1.00	0.350
Atrazine	ND		1.00	0.420
Pentachlorophenol	ND		1.00	0.150
Phenanthrene	ND		1.00	0.375
Anthracene	ND		1.00	0.351
Carbazole	ND		1.00	0.310
Di-n-butyl phthalate	ND		1.00	0.380
Fluoranthene	ND		1.00	0.291
Benzidine	ND		1.00	0.270
Pyrene	ND		1.00	0.377
3,3'-Dimethylbenzidine	ND		1.00	0.360
Butyl benzyl phthalate	ND		1.00	0.380
3,3'-Dichlorobenzidine	ND		1.00	0.380
Benzo[a]anthracene	ND		1.00	0.380
Chrysene	ND		1.00	0.381
Bis(2-ethylhexyl) phthalate	ND		1.00	0.370
Di-n-octyl phthalate	ND		1.00	0.460
Benzo[b]fluoranthene	ND		1.00	0.590
Benzo[k]fluoranthene	ND		1.00	0.590
Benzo[a]pyrene	ND		1.00	0.470
Indeno[1,2,3-cd]pyrene	ND		1.00	0.360
Dibenz[a,h]anthracene	ND		1.00	0.430
Benzo[g,h,i]perylene	ND		1.00	0.463

Total Target Compounds (83): 0

** - represents the total of 3+4-Methylphenol

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: BLKS130719-05
Client ID: .
Date Received: NA
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7940.D

GC/MS Column: DB-5
Sample wt/vol: 15.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
N-Nitrosodimethylamine	ND		0.033	0.012
Pyridine	ND		0.033	0.00967
Benzaldehyde	ND		0.033	0.011
Phenol	ND		0.033	0.012
Aniline	ND		0.033	0.013
Bis(2-chloroethyl) ether	ND		0.033	0.012
2-Chlorophenol	ND		0.033	0.010
1,3-Dichlorobenzene	ND		0.033	0.017
1,4-Dichlorobenzene	ND		0.033	0.010
Benzyl alcohol	ND		0.033	0.012
1,2-Dichlorobenzene	ND		0.033	0.010
2-Methylphenol	ND		0.033	0.010
Bis(2-chloroisopropyl) ether	ND		0.033	0.016
4-Methylphenol **	ND		0.033	0.011
N-Nitrosodi-n-propylamine	ND		0.033	0.012
Acetophenone	ND		0.033	0.012
3-Methylphenol	ND		0.033	0.011
Hexachloroethane	ND		0.033	0.00967
Nitrobenzene	ND		0.033	0.012
Isophorone	ND		0.033	0.016
2-Nitrophenol	ND		0.033	0.012
2,4-Dimethylphenol	ND		0.033	0.010
Bis(2-chloroethoxy) methane	ND		0.033	0.010
Benzoic acid	ND		0.033	0.013
2,4-Dimethylaniline	ND		0.033	0.020
2,4-Dichlorophenol	ND		0.033	0.010
1,2,4-Trichlorobenzene	ND		0.033	0.00967
Naphthalene	ND		0.033	0.00953
4-Chloroaniline	ND		0.033	0.010
4-Aminotoluene	ND		0.033	0.019
Hexachlorobutadiene	ND		0.033	0.010
Caprolactam	ND		0.033	0.017
2-Aminotoluene	ND		0.033	0.019
4-Chloro-3-methylphenol	ND		0.033	0.011
2-Methylnaphthalene	ND		0.033	0.014
Hexachlorocyclopentadiene	ND		0.033	0.010
2,4,6-Trichlorophenol	ND		0.033	0.011
2,4,5-Trichlorophenol	ND		0.033	0.011
1,1'-Biphenyl	ND		0.033	0.010
2-Chloronaphthalene	ND		0.033	0.011
2-Nitroaniline	ND		0.033	0.017
Dimethyl phthalate	ND		0.033	0.012

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: BLKS130719-05
Client ID: .
Date Received: NA
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7940.D

GC/MS Column: DB-5
Sample wt/vol: 15.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		0.033	0.011
Acenaphthylene	ND		0.033	0.014
3-Nitroaniline	ND		0.033	0.013
Acenaphthene	ND		0.033	0.00973
2,4-Dinitrophenol	ND		0.033	0.014
4-Nitrophenol	ND		0.033	0.014
2,4-Dinitrotoluene	ND		0.033	0.010
Dibenzofuran	ND		0.033	0.011
Diethyl phthalate	ND		0.033	0.010
Fluorene	ND		0.033	0.00997
4-Chlorophenyl phenyl ether	ND		0.033	0.011
4-Nitroaniline	ND		0.033	0.010
1,2,4,5-Tetrachlorobenzene	ND		0.033	0.014
2,3,4,6-Tetrachlorophenol	ND		0.033	0.016
4,6-Dinitro-2-methylphenol	ND		0.033	0.012
N-Nitrosodiphenylamine	ND		0.033	0.010
1,2-Diphenylhydrazine	ND		0.033	0.013
4-Bromophenyl phenyl ether	ND		0.033	0.011
Hexachlorobenzene	ND		0.033	0.014
Atrazine	ND		0.033	0.010
Pentachlorophenol	ND		0.033	0.012
Phenanthrene	ND		0.033	0.010
Anthracene	ND		0.033	0.014
Carbazole	ND		0.033	0.013
Di-n-butyl phthalate	ND		0.033	0.010
Fluoranthene	ND		0.033	0.012
Benzidine	ND		0.033	0.010
Pyrene	ND		0.033	0.011
3,3'-Dimethylbenzidine	ND		0.033	0.010
Butyl benzyl phthalate	ND		0.033	0.00967
3,3'-Dichlorobenzidine	ND		0.033	0.011
Benzo[a]anthracene	ND		0.033	0.015
Chrysene	ND		0.033	0.012
Bis(2-ethylhexyl) phthalate	ND		0.033	0.016
Di-n-octyl phthalate	ND		0.033	0.012
Benzo[b]fluoranthene	ND		0.033	0.017
Benzo[k]fluoranthene	ND		0.033	0.017
Benzo[a]pyrene	ND		0.033	0.015
Indeno[1,2,3-cd]pyrene	ND		0.033	0.00967
Dibenz[a,h]anthracene	ND		0.033	0.010
Benzo[g,h,i]perylene	ND		0.033	0.014

Total Target Compounds (83): 0

** - represents the total of 3+4-Methylphenol

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: BLKS130723-03
Client ID: .
Date Received: NA
Date Extracted: 07/23/2013
Date Analyzed: 07/24/2013
Data file: C8583.D

GC/MS Column: DB-5
Sample wt/vol: 15.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
N-Nitrosodimethylamine	ND		0.033	0.028
Pyridine	ND		0.033	0.033
Benzaldehyde	ND		0.033	0.013
Phenol	ND		0.033	0.015
Aniline	ND		0.033	0.026
Bis(2-chloroethyl) ether	ND		0.033	0.023
2-Chlorophenol	ND		0.033	0.014
1,3-Dichlorobenzene	ND		0.033	0.015
1,4-Dichlorobenzene	ND		0.033	0.013
Benzyl alcohol	ND		0.033	0.021
1,2-Dichlorobenzene	ND		0.033	0.013
2-Methylphenol	ND		0.033	0.027
Bis(2-chloroisopropyl) ether	ND		0.033	0.012
4-Methylphenol **	ND		0.033	0.019
N-Nitrosodi-n-propylamine	ND		0.033	0.022
Acetophenone	ND		0.033	0.011
3-Methylphenol	ND		0.033	0.019
Hexachloroethane	ND		0.033	0.00967
Nitrobenzene	ND		0.033	0.033
Isophorone	ND		0.033	0.022
2-Nitrophenol	ND		0.033	0.025
2,4-Dimethylphenol	ND		0.033	0.026
Bis(2-chloroethoxy) methane	ND		0.033	0.028
Benzoic acid	ND		0.033	0.016
2,4-Dimethylaniline	ND		0.033	0.025
2,4-Dichlorophenol	ND		0.033	0.031
1,2,4-Trichlorobenzene	ND		0.033	0.00967
Naphthalene	ND		0.033	0.00997
4-Chloroaniline	ND		0.033	0.031
Hexachlorobutadiene	ND		0.033	0.017
Caprolactam	ND		0.033	0.011
4-Chloro-3-methylphenol	ND		0.033	0.031
2-Methylnaphthalene	ND		0.033	0.027
Hexachlorocyclopentadiene	ND		0.033	0.022
2,4,6-Trichlorophenol	ND		0.033	0.011
2,4,5-Trichlorophenol	ND		0.033	0.013
1,1'-Biphenyl	ND		0.033	0.010
2-Chloronaphthalene	ND		0.033	0.031
2-Nitroaniline	ND		0.033	0.020
Dimethyl phthalate	ND		0.033	0.010

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: BLKS130723-03
Client ID: .
Date Received: NA
Date Extracted: 07/23/2013
Date Analyzed: 07/24/2013
Data file: C8583.D

GC/MS Column: DB-5
Sample wt/vol: 15.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		0.033	0.019
Acenaphthylene	ND		0.033	0.023
3-Nitroaniline	ND		0.033	0.028
Acenaphthene	ND		0.033	0.027
2,4-Dinitrophenol	ND		0.033	0.019
4-Nitrophenol	ND		0.033	0.025
2,4-Dinitrotoluene	ND		0.033	0.022
Dibenzofuran	ND		0.033	0.011
Diethyl phthalate	ND		0.033	0.025
Fluorene	ND		0.033	0.018
4-Chlorophenyl phenyl ether	ND		0.033	0.015
4-Nitroaniline	ND		0.033	0.027
1,2,4,5-Tetrachlorobenzene	ND		0.033	0.011
2,3,4,6-Tetrachlorophenol	ND		0.033	0.031
4,6-Dinitro-2-methylphenol	ND		0.033	0.026
N-Nitrosodiphenylamine	ND		0.033	0.016
1,2-Diphenylhydrazine	ND		0.033	0.026
4-Bromophenyl phenyl ether	ND		0.033	0.013
Hexachlorobenzene	ND		0.033	0.027
Atrazine	ND		0.033	0.023
Pentachlorophenol	ND		0.033	0.014
Phenanthrene	ND		0.033	0.022
Anthracene	ND		0.033	0.033
Carbazole	ND		0.033	0.019
Di-n-butyl phthalate	ND		0.033	0.030
Fluoranthene	ND		0.033	0.013
Benzidine	ND		0.033	0.00967
Pyrene	ND		0.033	0.025
3,3'-Dimethylbenzidine	ND		0.033	0.011
Butyl benzyl phthalate	ND		0.033	0.021
3,3'-Dichlorobenzidine	ND		0.033	0.023
Benzo[a]anthracene	ND		0.033	0.032
Chrysene	ND		0.033	0.023
Bis(2-ethylhexyl) phthalate	ND		0.033	0.016
Di-n-octyl phthalate	ND		0.033	0.030
Benzo[b]fluoranthene	ND		0.033	0.020
Benzo[k]fluoranthene	ND		0.033	0.031
Benzo[a]pyrene	ND		0.033	0.012
Indeno[1,2,3-cd]pyrene	ND		0.033	0.022
Dibenz[a,h]anthracene	ND		0.033	0.024
Benzo[g,h,i]perylene	ND		0.033	0.030

Total Target Compounds (81): 0

** - represents the total of 3+4-Methylphenol

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-001
Client ID: S-1/0-2
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7944.D

GC/MS Column: DB-5
Sample wt/vol: 15.65g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 8.60

Compound	Concentration	Q	RL	MDL
Benzaldehyde	ND		0.035	0.011
Phenol	ND		0.035	0.012
Bis(2-chloroethyl) ether	ND		0.035	0.013
2-Chlorophenol	ND		0.035	0.011
2-Methylphenol	ND		0.035	0.011
Bis(2-chloroisopropyl) ether	ND		0.035	0.016
4-Methylphenol **	ND		0.035	0.012
N-Nitrosodi-n-propylamine	ND		0.035	0.013
Acetophenone	ND		0.035	0.013
Hexachloroethane	ND		0.035	0.010
Nitrobenzene	ND		0.035	0.012
Isophorone	ND		0.035	0.016
2-Nitrophenol	ND		0.035	0.013
2,4-Dimethylphenol	ND		0.035	0.011
Bis(2-chloroethoxy) methane	ND		0.035	0.010
2,4-Dichlorophenol	ND		0.035	0.011
Naphthalene	ND		0.035	0.010
4-Chloroaniline	ND		0.035	0.010
Hexachlorobutadiene	ND		0.035	0.010
Caprolactam	ND		0.035	0.018
4-Chloro-3-methylphenol	ND		0.035	0.012
2-Methylnaphthalene	ND		0.035	0.015
Hexachlorocyclopentadiene	ND		0.035	0.010
2,4,6-Trichlorophenol	ND		0.035	0.012
2,4,5-Trichlorophenol	ND		0.035	0.012
1,1'-Biphenyl	ND		0.035	0.011
2-Chloronaphthalene	ND		0.035	0.012
2-Nitroaniline	ND		0.035	0.018
Dimethyl phthalate	ND		0.035	0.013

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-001
Client ID: S-1/0-2
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7944.D

GC/MS Column: DB-5
Sample wt/vol: 15.65g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 8.60

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		0.035	0.011
Acenaphthylene	ND		0.035	0.014
3-Nitroaniline	ND		0.035	0.014
Acenaphthene	ND		0.035	0.010
2,4-Dinitrophenol	ND		0.035	0.014
4-Nitrophenol	ND		0.035	0.014
2,4-Dinitrotoluene	ND		0.035	0.010
Dibenzofuran	ND		0.035	0.011
Diethyl phthalate	ND		0.035	0.010
Fluorene	ND		0.035	0.010
4-Chlorophenyl phenyl ether	ND		0.035	0.011
4-Nitroaniline	ND		0.035	0.010
1,2,4,5-Tetrachlorobenzene	ND		0.035	0.014
2,3,4,6-Tetrachlorophenol	ND		0.035	0.017
4,6-Dinitro-2-methylphenol	ND		0.035	0.012
N-Nitrosodiphenylamine	ND		0.035	0.011
4-Bromophenyl phenyl ether	ND		0.035	0.012
Hexachlorobenzene	ND		0.035	0.014
Atrazine	ND		0.035	0.011
Pentachlorophenol	ND		0.035	0.013
Phenanthrene	ND		0.035	0.011
Anthracene	ND		0.035	0.014
Carbazole	ND		0.035	0.014
Di-n-butyl phthalate	ND		0.035	0.011
Fluoranthene	0.023	J	0.035	0.013
Pyrene	0.024	J	0.035	0.011
Butyl benzyl phthalate	ND		0.035	0.010
3,3'-Dichlorobenzidine	ND		0.035	0.012
Benzo[a]anthracene	0.022	J	0.035	0.015
Chrysene	0.020	J	0.035	0.013
Bis(2-ethylhexyl) phthalate	0.030	J	0.035	0.017
Di-n-octyl phthalate	ND		0.035	0.013
Benzo[b]fluoranthene	0.032	J	0.035	0.018
Benzo[k]fluoranthene	0.020	J	0.035	0.018
Benzo[a]pyrene	0.027	J	0.035	0.015
Indeno[1,2,3-cd]pyrene	0.022	J	0.035	0.010
Dibenz[a,h]anthracene	ND		0.035	0.011
Benzo[g,h,i]perylene	0.022	J	0.035	0.015
Dinitrotoluene (2,4- and 2,6-)	ND		0.035	0.011

Total Target Compounds (68): 0.242 J

** - represents the total of 3+4-Methylphenol

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-002
Client ID: S-1A/9-1
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7945.D

GC/MS Column: DB-5
Sample wt/vol: 15.88g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 16.4

Compound	Concentration	Q	RL	MDL
Benzaldehyde	ND		0.038	0.012
Phenol	ND		0.038	0.013
Bis(2-chloroethyl) ether	ND		0.038	0.014
2-Chlorophenol	ND		0.038	0.012
2-Methylphenol	ND		0.038	0.012
Bis(2-chloroisopropyl) ether	ND		0.038	0.018
4-Methylphenol **	ND		0.038	0.013
N-Nitrosodi-n-propylamine	ND		0.038	0.014
Acetophenone	ND		0.038	0.014
Hexachloroethane	ND		0.038	0.011
Nitrobenzene	ND		0.038	0.013
Isophorone	ND		0.038	0.018
2-Nitrophenol	ND		0.038	0.014
2,4-Dimethylphenol	ND		0.038	0.012
Bis(2-chloroethoxy) methane	ND		0.038	0.011
2,4-Dichlorophenol	ND		0.038	0.012
Naphthalene	ND		0.038	0.011
4-Chloroaniline	ND		0.038	0.011
Hexachlorobutadiene	ND		0.038	0.011
Caprolactam	ND		0.038	0.019
4-Chloro-3-methylphenol	ND		0.038	0.013
2-Methylnaphthalene	ND		0.038	0.016
Hexachlorocyclopentadiene	ND		0.038	0.011
2,4,6-Trichlorophenol	ND		0.038	0.012
2,4,5-Trichlorophenol	ND		0.038	0.013
1,1'-Biphenyl	ND		0.038	0.012
2-Chloronaphthalene	ND		0.038	0.012
2-Nitroaniline	ND		0.038	0.019
Dimethyl phthalate	ND		0.038	0.014

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-002
Client ID: S-1A/9-1
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7945.D

GC/MS Column: DB-5
Sample wt/vol: 15.88g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 16.4

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		0.038	0.012
Acenaphthylene	ND		0.038	0.015
3-Nitroaniline	ND		0.038	0.015
Acenaphthene	ND		0.038	0.011
2,4-Dinitrophenol	ND		0.038	0.015
4-Nitrophenol	ND		0.038	0.015
2,4-Dinitrotoluene	ND		0.038	0.011
Dibenzofuran	ND		0.038	0.012
Diethyl phthalate	ND		0.038	0.011
Fluorene	ND		0.038	0.011
4-Chlorophenyl phenyl ether	ND		0.038	0.012
4-Nitroaniline	ND		0.038	0.011
1,2,4,5-Tetrachlorobenzene	ND		0.038	0.015
2,3,4,6-Tetrachlorophenol	ND		0.038	0.019
4,6-Dinitro-2-methylphenol	ND		0.038	0.013
N-Nitrosodiphenylamine	ND		0.038	0.012
4-Bromophenyl phenyl ether	ND		0.038	0.013
Hexachlorobenzene	ND		0.038	0.015
Atrazine	ND		0.038	0.012
Pentachlorophenol	ND		0.038	0.014
Phenanthrene	ND		0.038	0.011
Anthracene	ND		0.038	0.016
Carbazole	ND		0.038	0.015
Di-n-butyl phthalate	ND		0.038	0.012
Fluoranthene	ND		0.038	0.014
Pyrene	ND		0.038	0.012
Butyl benzyl phthalate	ND		0.038	0.011
3,3'-Dichlorobenzidine	ND		0.038	0.013
Benzo[a]anthracene	ND		0.038	0.017
Chrysene	ND		0.038	0.014
Bis(2-ethylhexyl) phthalate	0.059		0.038	0.019
Di-n-octyl phthalate	ND		0.038	0.014
Benzo[b]fluoranthene	ND		0.038	0.019
Benzo[k]fluoranthene	ND		0.038	0.020
Benzo[a]pyrene	ND		0.038	0.017
Indeno[1,2,3-cd]pyrene	ND		0.038	0.011
Dibenz[a,h]anthracene	ND		0.038	0.012
Benzo[g,h,i]perylene	ND		0.038	0.016
Dinitrotoluene (2,4- and 2,6-)	ND		0.038	0.012

Total Target Compounds (68): 0.059

** - represents the total of 3+4-Methylphenol

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-003
Client ID: S-2/0-2
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7946.D

GC/MS Column: DB-5
Sample wt/vol: 15.49g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 7.80

Compound	Concentration	Q	RL	MDL
Benzaldehyde	ND		0.035	0.011
Phenol	ND		0.035	0.012
Bis(2-chloroethyl) ether	ND		0.035	0.013
2-Chlorophenol	ND		0.035	0.011
2-Methylphenol	ND		0.035	0.011
Bis(2-chloroisopropyl) ether	ND		0.035	0.016
4-Methylphenol **	ND		0.035	0.012
N-Nitrosodi-n-propylamine	ND		0.035	0.013
Acetophenone	ND		0.035	0.013
Hexachloroethane	ND		0.035	0.010
Nitrobenzene	ND		0.035	0.012
Isophorone	ND		0.035	0.016
2-Nitrophenol	ND		0.035	0.013
2,4-Dimethylphenol	ND		0.035	0.011
Bis(2-chloroethoxy) methane	ND		0.035	0.010
2,4-Dichlorophenol	ND		0.035	0.011
Naphthalene	0.072		0.035	0.010
4-Chloroaniline	ND		0.035	0.010
Hexachlorobutadiene	ND		0.035	0.010
Caprolactam	ND		0.035	0.018
4-Chloro-3-methylphenol	ND		0.035	0.012
2-Methylnaphthalene	0.028	J	0.035	0.015
Hexachlorocyclopentadiene	ND		0.035	0.010
2,4,6-Trichlorophenol	ND		0.035	0.012
2,4,5-Trichlorophenol	ND		0.035	0.012
1,1'-Biphenyl	ND		0.035	0.011
2-Chloronaphthalene	ND		0.035	0.012
2-Nitroaniline	ND		0.035	0.018
Dimethyl phthalate	ND		0.035	0.013

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-003
Client ID: S-2/0-2
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7946.D

GC/MS Column: DB-5
Sample wt/vol: 15.49g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 7.80

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		0.035	0.011
Acenaphthylene	0.219		0.035	0.014
3-Nitroaniline	ND		0.035	0.014
Acenaphthene	0.274		0.035	0.010
2,4-Dinitrophenol	ND		0.035	0.014
4-Nitrophenol	ND		0.035	0.014
2,4-Dinitrotoluene	ND		0.035	0.010
Dibenzofuran	0.056		0.035	0.011
Diethyl phthalate	ND		0.035	0.010
Fluorene	0.166		0.035	0.010
4-Chlorophenyl phenyl ether	ND		0.035	0.011
4-Nitroaniline	ND		0.035	0.010
1,2,4,5-Tetrachlorobenzene	ND		0.035	0.014
2,3,4,6-Tetrachlorophenol	ND		0.035	0.017
4,6-Dinitro-2-methylphenol	ND		0.035	0.012
N-Nitrosodiphenylamine	ND		0.035	0.011
4-Bromophenyl phenyl ether	ND		0.035	0.012
Hexachlorobenzene	ND		0.035	0.014
Atrazine	ND		0.035	0.011
Pentachlorophenol	ND		0.035	0.013
Phenanthrene	2.71		0.035	0.011
Anthracene	0.728		0.035	0.014
Carbazole	0.230		0.035	0.014
Di-n-butyl phthalate	0.153		0.035	0.011
Fluoranthene	6.21	E	0.035	0.013
Pyrene	5.32	E	0.035	0.011
Butyl benzyl phthalate	ND		0.035	0.010
3,3'-Dichlorobenzidine	ND		0.035	0.012
Benzo[a]anthracene	3.36		0.035	0.015
Chrysene	3.42		0.035	0.013
Bis(2-ethylhexyl) phthalate	0.032	J	0.035	0.017
Di-n-octyl phthalate	ND		0.035	0.013
Benzo[b]fluoranthene	4.16		0.035	0.018
Benzo[k]fluoranthene	3.38		0.035	0.018
Benzo[a]pyrene	4.67		0.035	0.015
Indeno[1,2,3-cd]pyrene	2.67		0.035	0.010
Dibenz[a,h]anthracene	0.868		0.035	0.011
Benzo[g,h,i]perylene	2.88		0.035	0.015
Dinitrotoluene (2,4- and 2,6-)	ND		0.035	0.011

Total Target Compounds (68): 41.6 JE

** - represents the total of 3+4-Methylphenol

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-003 DL JB 8/1/13
Client ID: S-2/0-2
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/24/2013
Data file: A7977.D

GC/MS Column: DB-5
Sample wt/vol: 15.49g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 2
% Moisture: 7.80

Compound	Concentration	Q	RL	MDL
Benzaldehyde	ND		0.070	0.022
Phenol	ND		0.070	0.024
Bis(2-chloroethyl) ether	ND		0.070	0.026
2-Chlorophenol	ND		0.070	0.022
2-Methylphenol	ND		0.070	0.022
Bis(2-chloroisopropyl) ether	ND		0.070	0.033
4-Methylphenol **	ND		0.070	0.024
N-Nitrosodi-n-propylamine	ND		0.070	0.025
Acetophenone	ND		0.070	0.026
Hexachloroethane	ND		0.070	0.020
Nitrobenzene	ND		0.070	0.024
Isophorone	ND		0.070	0.033
2-Nitrophenol	ND		0.070	0.025
2,4-Dimethylphenol	ND		0.070	0.022
Bis(2-chloroethoxy) methane	ND		0.070	0.021
2,4-Dichlorophenol	ND		0.070	0.022
Naphthalene	0.062	JD	0.070	0.020
4-Chloroaniline	ND		0.070	0.021
Hexachlorobutadiene	ND		0.070	0.021
Caprolactam	ND		0.070	0.035
4-Chloro-3-methylphenol	ND		0.070	0.024
2-Methylnaphthalene	ND		0.070	0.030
Hexachlorocyclopentadiene	ND		0.070	0.021
2,4,6-Trichlorophenol	ND		0.070	0.023
2,4,5-Trichlorophenol	ND		0.070	0.024
1,1'-Biphenyl	ND		0.070	0.022
2-Chloronaphthalene	ND		0.070	0.023
2-Nitroaniline	ND		0.070	0.035
Dimethyl phthalate	ND		0.070	0.025

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-003 DL JB 8/1/13
Client ID: S-2/0-2
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/24/2013
Data file: A7977.D

GC/MS Column: DB-5
Sample wt/vol: 15.49g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 2
% Moisture: 7.80

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		0.070	0.022
Acenaphthylene	0.173	D	0.070	0.029
3-Nitroaniline	ND		0.070	0.028
Acenaphthene	0.228	D	0.070	0.020
2,4-Dinitrophenol	ND		0.070	0.029
4-Nitrophenol	ND		0.070	0.029
2,4-Dinitrotoluene	ND		0.070	0.021
Dibenzofuran	0.056	JD	0.070	0.022
Diethyl phthalate	ND		0.070	0.021
Fluorene	0.147	D	0.070	0.021
4-Chlorophenyl phenyl ether	ND		0.070	0.022
4-Nitroaniline	ND		0.070	0.021
1,2,4,5-Tetrachlorobenzene	ND		0.070	0.029
2,3,4,6-Tetrachlorophenol	ND		0.070	0.034
4,6-Dinitro-2-methylphenol	ND		0.070	0.024
N-Nitrosodiphenylamine	ND		0.070	0.022
4-Bromophenyl phenyl ether	ND		0.070	0.024
Hexachlorobenzene	ND		0.070	0.029
Atrazine	ND		0.070	0.022
Pentachlorophenol	ND		0.070	0.025
Phenanthrene	2.48	D	0.070	0.021
Anthracene	0.647	D	0.070	0.029
Carbazole	0.211	D	0.070	0.027
Di-n-butyl phthalate	0.139	D	0.070	0.022
Fluoranthene	5.35	D	0.070	0.025
Pyrene	5.04	D	0.070	0.022
Butyl benzyl phthalate	ND		0.070	0.020
3,3'-Dichlorobenzidine	ND		0.070	0.024
Benzo[a]anthracene	2.97	D	0.070	0.031
Chrysene	3.02	D	0.070	0.026
Bis(2-ethylhexyl) phthalate	ND		0.070	0.034
Di-n-octyl phthalate	ND		0.070	0.026
Benzo[b]fluoranthene	3.66	D	0.070	0.036
Benzo[k]fluoranthene	3.10	D	0.070	0.036
Benzo[a]pyrene	4.14	D	0.070	0.031
Indeno[1,2,3-cd]pyrene	2.40	D	0.070	0.020
Dibenz[a,h]anthracene	1.16	D	0.070	0.022
Benzo[g,h,i]perylene	2.65	D	0.070	0.030
Dinitrotoluene (2,4- and 2,6-)	ND		0.070	0.022

Total Target Compounds (68): 37.6 JD

** - represents the total of 3+4-Methylphenol

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-004
Client ID: S-2A/11-
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7947.D

GC/MS Column: DB-5
Sample wt/vol: 15.10g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 7.20

Compound	Concentration	Q	RL	MDL
Benzaldehyde	ND		0.036	0.011
Phenol	ND		0.036	0.013
Bis(2-chloroethyl) ether	ND		0.036	0.013
2-Chlorophenol	ND		0.036	0.011
2-Methylphenol	ND		0.036	0.011
Bis(2-chloroisopropyl) ether	ND		0.036	0.017
4-Methylphenol **	ND		0.036	0.012
N-Nitrosodi-n-propylamine	ND		0.036	0.013
Acetophenone	ND		0.036	0.013
Hexachloroethane	ND		0.036	0.010
Nitrobenzene	ND		0.036	0.013
Isophorone	ND		0.036	0.017
2-Nitrophenol	ND		0.036	0.013
2,4-Dimethylphenol	ND		0.036	0.011
Bis(2-chloroethoxy) methane	ND		0.036	0.011
2,4-Dichlorophenol	ND		0.036	0.011
Naphthalene	7.99	E	0.036	0.010
4-Chloroaniline	ND		0.036	0.011
Hexachlorobutadiene	ND		0.036	0.011
Caprolactam	ND		0.036	0.018
4-Chloro-3-methylphenol	ND		0.036	0.012
2-Methylnaphthalene	8.17	E	0.036	0.015
Hexachlorocyclopentadiene	ND		0.036	0.011
2,4,6-Trichlorophenol	ND		0.036	0.012
2,4,5-Trichlorophenol	ND		0.036	0.012
1,1'-Biphenyl	0.120		0.036	0.011
2-Chloronaphthalene	ND		0.036	0.012
2-Nitroaniline	ND		0.036	0.018
Dimethyl phthalate	ND		0.036	0.013

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-004
Client ID: S-2A/11-
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7947.D

GC/MS Column: DB-5
Sample wt/vol: 15.10g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 7.20

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		0.036	0.011
Acenaphthylene	0.022	J	0.036	0.015
3-Nitroaniline	ND		0.036	0.014
Acenaphthene	0.046		0.036	0.010
2,4-Dinitrophenol	ND		0.036	0.015
4-Nitrophenol	ND		0.036	0.015
2,4-Dinitrotoluene	ND		0.036	0.011
Dibenzofuran	0.039		0.036	0.011
Diethyl phthalate	ND		0.036	0.011
Fluorene	0.074		0.036	0.011
4-Chlorophenyl phenyl ether	ND		0.036	0.011
4-Nitroaniline	ND		0.036	0.011
1,2,4,5-Tetrachlorobenzene	ND		0.036	0.015
2,3,4,6-Tetrachlorophenol	ND		0.036	0.018
4,6-Dinitro-2-methylphenol	ND		0.036	0.013
N-Nitrosodiphenylamine	ND		0.036	0.011
4-Bromophenyl phenyl ether	ND		0.036	0.012
Hexachlorobenzene	ND		0.036	0.015
Atrazine	ND		0.036	0.011
Pentachlorophenol	ND		0.036	0.013
Phenanthrene	0.092		0.036	0.011
Anthracene	0.026	J	0.036	0.015
Carbazole	ND		0.036	0.014
Di-n-butyl phthalate	ND		0.036	0.011
Fluoranthene	0.023	J	0.036	0.013
Pyrene	0.036		0.036	0.011
Butyl benzyl phthalate	ND		0.036	0.010
3,3'-Dichlorobenzidine	ND		0.036	0.012
Benzo[a]anthracene	0.018	J	0.036	0.016
Chrysene	ND		0.036	0.013
Bis(2-ethylhexyl) phthalate	0.036	J	0.036	0.018
Di-n-octyl phthalate	ND		0.036	0.013
Benzo[b]fluoranthene	ND		0.036	0.018
Benzo[k]fluoranthene	ND		0.036	0.019
Benzo[a]pyrene	ND		0.036	0.016
Indeno[1,2,3-cd]pyrene	ND		0.036	0.010
Dibenz[a,h]anthracene	ND		0.036	0.011
Benzo[g,h,i]perylene	ND		0.036	0.015
Dinitrotoluene (2,4- and 2,6-)	ND		0.036	0.011

Total Target Compounds (68): 16.7 JE

** - represents the total of 3+4-Methylphenol

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-004 DL
Client ID: S-2A/11-
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/24/2013
Data file: A7978.D

JO 8/1/13

GC/MS Column: DB-5
Sample wt/vol: 15.10g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 2
% Moisture: 7.20

Compound	Concentration	Q	RL	MDL
Benzaldehyde	ND		0.071	0.023
Phenol	ND		0.071	0.025
Bis(2-chloroethyl) ether	ND		0.071	0.026
2-Chlorophenol	ND		0.071	0.022
2-Methylphenol	ND		0.071	0.022
Bis(2-chloroisopropyl) ether	ND		0.071	0.034
4-Methylphenol **	ND		0.071	0.024
N-Nitrosodi-n-propylamine	ND		0.071	0.026
Acetophenone	ND		0.071	0.026
Hexachloroethane	ND		0.071	0.021
Nitrobenzene	ND		0.071	0.025
Isophorone	ND		0.071	0.034
2-Nitrophenol	ND		0.071	0.026
2,4-Dimethylphenol	ND		0.071	0.022
Bis(2-chloroethoxy) methane	ND		0.071	0.021
2,4-Dichlorophenol	ND		0.071	0.022
Naphthalene	7.33	D	0.071	0.020
4-Chloroaniline	ND		0.071	0.021
Hexachlorobutadiene	ND		0.071	0.021
Caprolactam	ND		0.071	0.036
4-Chloro-3-methylphenol	ND		0.071	0.024
2-Methylnaphthalene	8.40	D	0.071	0.031
Hexachlorocyclopentadiene	ND		0.071	0.021
2,4,6-Trichlorophenol	ND		0.071	0.023
2,4,5-Trichlorophenol	ND		0.071	0.024
1,1'-Biphenyl	0.102	D	0.071	0.022
2-Chloronaphthalene	ND		0.071	0.023
2-Nitroaniline	ND		0.071	0.036
Dimethyl phthalate	ND		0.071	0.026

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-004 DL
Client ID: S-2A/11-
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/24/2013
Data file: A7978.D

JB 8/1/13

GC/MS Column: DB-5
Sample wt/vol: 15.10g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 2
% Moisture: 7.20

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		0.071	0.023
Acenaphthylene	ND		0.071	0.029
3-Nitroaniline	ND		0.071	0.029
Acenaphthene	0.037	JD	0.071	0.021
2,4-Dinitrophenol	ND		0.071	0.029
4-Nitrophenol	ND		0.071	0.029
2,4-Dinitrotoluene	ND		0.071	0.021
Dibenzofuran	0.031	JD	0.071	0.023
Diethyl phthalate	ND		0.071	0.021
Fluorene	0.057	JD	0.071	0.021
4-Chlorophenyl phenyl ether	ND		0.071	0.023
4-Nitroaniline	ND		0.071	0.021
1,2,4,5-Tetrachlorobenzene	ND		0.071	0.029
2,3,4,6-Tetrachlorophenol	ND		0.071	0.035
4,6-Dinitro-2-methylphenol	ND		0.071	0.025
N-Nitrosodiphenylamine	ND		0.071	0.022
4-Bromophenyl phenyl ether	ND		0.071	0.024
Hexachlorobenzene	ND		0.071	0.029
Atrazine	ND		0.071	0.022
Pentachlorophenol	ND		0.071	0.026
Phenanthrene	0.077	D	0.071	0.022
Anthracene	ND		0.071	0.030
Carbazole	ND		0.071	0.028
Di-n-butyl phthalate	ND		0.071	0.022
Fluoranthene	ND		0.071	0.025
Pyrene	0.028	JD	0.071	0.023
Butyl benzyl phthalate	ND		0.071	0.021
3,3'-Dichlorobenzidine	ND		0.071	0.024
Benzo[a]anthracene	ND		0.071	0.031
Chrysene	ND		0.071	0.026
Bis(2-ethylhexyl) phthalate	0.036	JD	0.071	0.035
Di-n-octyl phthalate	ND		0.071	0.026
Benzo[b]fluoranthene	ND		0.071	0.036
Benzo[k]fluoranthene	ND		0.071	0.037
Benzo[a]pyrene	ND		0.071	0.031
Indeno[1,2,3-cd]pyrene	ND		0.071	0.021
Dibenz[a,h]anthracene	ND		0.071	0.022
Benzo[g,h,i]perylene	ND		0.071	0.030
Dinitrotoluene (2,4- and 2,6-)	ND		0.071	0.023

Total Target Compounds (68): 16.1 JD

** - represents the total of 3+4-Methylphenol

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-005
Client ID: S-3/0-2
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7948.D

GC/MS Column: DB-5
Sample wt/vol: 15.25g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 8.80

Compound	Concentration	Q	RL	MDL
Benzaldehyde	ND		0.036	0.012
Phenol	ND		0.036	0.013
Bis(2-chloroethyl) ether	ND		0.036	0.013
2-Chlorophenol	ND		0.036	0.011
2-Methylphenol	ND		0.036	0.011
Bis(2-chloroisopropyl) ether	ND		0.036	0.017
4-Methylphenol **	0.027	J	0.036	0.012
N-Nitrosodi-n-propylamine	ND		0.036	0.013
Acetophenone	ND		0.036	0.013
Hexachloroethane	ND		0.036	0.010
Nitrobenzene	ND		0.036	0.013
Isophorone	ND		0.036	0.017
2-Nitrophenol	ND		0.036	0.013
2,4-Dimethylphenol	ND		0.036	0.011
Bis(2-chloroethoxy) methane	ND		0.036	0.011
2,4-Dichlorophenol	ND		0.036	0.011
Naphthalene	0.312		0.036	0.010
4-Chloroaniline	ND		0.036	0.011
Hexachlorobutadiene	ND		0.036	0.011
Caprolactam	ND		0.036	0.018
4-Chloro-3-methylphenol	ND		0.036	0.012
2-Methylnaphthalene	0.262		0.036	0.015
Hexachlorocyclopentadiene	ND		0.036	0.011
2,4,6-Trichlorophenol	ND		0.036	0.012
2,4,5-Trichlorophenol	ND		0.036	0.012
1,1'-Biphenyl	0.079		0.036	0.011
2-Chloronaphthalene	ND		0.036	0.012
2-Nitroaniline	ND		0.036	0.018
Dimethyl phthalate	ND		0.036	0.013

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-005
Client ID: S-3/0-2
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7948.D

GC/MS Column: DB-5
Sample wt/vol: 15.25g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 8.80

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		0.036	0.012
Acenaphthylene	0.327		0.036	0.015
3-Nitroaniline	ND		0.036	0.014
Acenaphthene	2.01		0.036	0.010
2,4-Dinitrophenol	ND		0.036	0.015
4-Nitrophenol	ND		0.036	0.015
2,4-Dinitrotoluene	ND		0.036	0.011
Dibenzofuran	0.896		0.036	0.012
Diethyl phthalate	ND		0.036	0.011
Fluorene	1.48		0.036	0.011
4-Chlorophenyl phenyl ether	ND		0.036	0.012
4-Nitroaniline	ND		0.036	0.011
1,2,4,5-Tetrachlorobenzene	ND		0.036	0.015
2,3,4,6-Tetrachlorophenol	ND		0.036	0.018
4,6-Dinitro-2-methylphenol	ND		0.036	0.013
N-Nitrosodiphenylamine	ND		0.036	0.011
4-Bromophenyl phenyl ether	ND		0.036	0.012
Hexachlorobenzene	ND		0.036	0.015
Atrazine	ND		0.036	0.011
Pentachlorophenol	ND		0.036	0.013
Phenanthrene	11.7	E	0.036	0.011
Anthracene	4.94	E	0.036	0.015
Carbazole	1.17		0.036	0.014
Di-n-butyl phthalate	0.015	J	0.036	0.011
Fluoranthene	18.7	E	0.036	0.013
Pyrene	18.4	E	0.036	0.012
Butyl benzyl phthalate	ND		0.036	0.010
3,3'-Dichlorobenzidine	ND		0.036	0.012
Benzo[a]anthracene	12.2	E	0.036	0.016
Chrysene	11.7	E	0.036	0.013
Bis(2-ethylhexyl) phthalate	0.053		0.036	0.018
Di-n-octyl phthalate	ND		0.036	0.013
Benzo[b]fluoranthene	19.7	E	0.036	0.018
Benzo[k]fluoranthene	4.88	E	0.036	0.019
Benzo[a]pyrene	15.5	E	0.036	0.016
Indeno[1,2,3-cd]pyrene	8.20	E	0.036	0.010
Dibenz[a,h]anthracene	3.33		0.036	0.011
Benzo[g,h,i]perylene	8.50	E	0.036	0.015
Dinitrotoluene (2,4- and 2,6-)	ND		0.036	0.012
Total Target Compounds (68):	144	JE		

** - represents the total of 3+4-Methylphenol

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-005 DC
Client ID: S-3/0-2
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/24/2013
Data file: A7979.D

8/1/13

GC/MS Column: DB-5
Sample wt/vol: 15.25g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 5
% Moisture: 8.80

Compound	Concentration	Q	RL	MDL
Benzaldehyde	ND		0.180	0.058
Phenol	ND		0.180	0.063
Bis(2-chloroethyl) ether	ND		0.180	0.067
2-Chlorophenol	ND		0.180	0.056
2-Methylphenol	ND		0.180	0.056
Bis(2-chloroisopropyl) ether	ND		0.180	0.084
4-Methylphenol **	ND		0.180	0.061
N-Nitrosodi-n-propylamine	ND		0.180	0.065
Acetophenone	ND		0.180	0.067
Hexachloroethane	ND		0.180	0.052
Nitrobenzene	ND		0.180	0.063
Isophorone	ND		0.180	0.084
2-Nitrophenol	ND		0.180	0.065
2,4-Dimethylphenol	ND		0.180	0.056
Bis(2-chloroethoxy) methane	ND		0.180	0.054
2,4-Dichlorophenol	ND		0.180	0.056
Naphthalene	0.255	D	0.180	0.051
4-Chloroaniline	ND		0.180	0.054
Hexachlorobutadiene	ND		0.180	0.054
Caprolactam	ND		0.180	0.090
4-Chloro-3-methylphenol	ND		0.180	0.061
2-Methylnaphthalene	0.212	D	0.180	0.078
Hexachlorocyclopentadiene	ND		0.180	0.054
2,4,6-Trichlorophenol	ND		0.180	0.059
2,4,5-Trichlorophenol	ND		0.180	0.061
1,1'-Biphenyl	ND		0.180	0.056
2-Chloronaphthalene	ND		0.180	0.059
2-Nitroaniline	ND		0.180	0.090
Dimethyl phthalate	ND		0.180	0.065

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-005 OL
Client ID: S-3/0-2
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/24/2013
Data file: A7979.D

JB 8/1/13

GC/MS Column: DB-5
Sample wt/vol: 15.25g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 5
% Moisture: 8.80

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		0.180	0.058
Acenaphthylene	0.222	D	0.180	0.074
3-Nitroaniline	ND		0.180	0.072
Acenaphthene	1.48	D	0.180	0.052
2,4-Dinitrophenol	ND		0.180	0.074
4-Nitrophenol	ND		0.180	0.074
2,4-Dinitrotoluene	ND		0.180	0.054
Dibenzofuran	0.633	D	0.180	0.058
Diethyl phthalate	ND		0.180	0.054
Fluorene	1.06	D	0.180	0.054
4-Chlorophenyl phenyl ether	ND		0.180	0.058
4-Nitroaniline	ND		0.180	0.054
1,2,4,5-Tetrachlorobenzene	ND		0.180	0.074
2,3,4,6-Tetrachlorophenol	ND		0.180	0.088
4,6-Dinitro-2-methylphenol	ND		0.180	0.063
N-Nitrosodiphenylamine	ND		0.180	0.056
4-Bromophenyl phenyl ether	ND		0.180	0.061
Hexachlorobenzene	ND		0.180	0.074
Atrazine	ND		0.180	0.056
Pentachlorophenol	ND		0.180	0.065
Phenanthrene	13.5	D	0.180	0.054
Anthracene	3.61	D	0.180	0.075
Carbazole	0.835	D	0.180	0.070
Di-n-butyl phthalate	ND		0.180	0.056
Fluoranthene	18.5	D	0.180	0.064
Pyrene	17.0	D	0.180	0.058
Butyl benzyl phthalate	ND		0.180	0.052
3,3'-Dichlorobenzidine	ND		0.180	0.061
Benzo[a]anthracene	9.07	D	0.180	0.079
Chrysene	8.79	D	0.180	0.067
Bis(2-ethylhexyl) phthalate	ND		0.180	0.088
Di-n-octyl phthalate	ND		0.180	0.067
Benzo[b]fluoranthene	10.4	D	0.180	0.092
Benzo[k]fluoranthene	8.13	D	0.180	0.094
Benzo[a]pyrene	11.8	D	0.180	0.079
Indeno[1,2,3-cd]pyrene	6.51	D	0.180	0.052
Dibenz[a,h]anthracene	2.12	D	0.180	0.056
Benzo[g,h,i]perylene	6.96	D	0.180	0.076
Dinitrotoluene (2,4- and 2,6-)	ND		0.180	0.058
Total Target Compounds (68):	121	D		

** - represents the total of 3+4-Methylphenol

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-006
Client ID: S-3A/8-1
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7949.D

GC/MS Column: DB-5
Sample wt/vol: 15.69g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 16.9

Compound	Concentration	Q	RL	MDL
Benzaldehyde	ND		0.038	0.012
Phenol	ND		0.038	0.013
Bis(2-chloroethyl) ether	ND		0.038	0.014
2-Chlorophenol	ND		0.038	0.012
2-Methylphenol	ND		0.038	0.012
Bis(2-chloroisopropyl) ether	ND		0.038	0.018
4-Methylphenol **	ND		0.038	0.013
N-Nitrosodi-n-propylamine	ND		0.038	0.014
Acetophenone	ND		0.038	0.014
Hexachloroethane	ND		0.038	0.011
Nitrobenzene	ND		0.038	0.013
Isophorone	ND		0.038	0.018
2-Nitrophenol	ND		0.038	0.014
2,4-Dimethylphenol	ND		0.038	0.012
Bis(2-chloroethoxy) methane	ND		0.038	0.012
2,4-Dichlorophenol	ND		0.038	0.012
Naphthalene	ND		0.038	0.011
4-Chloroaniline	ND		0.038	0.012
Hexachlorobutadiene	ND		0.038	0.012
Caprolactam	ND		0.038	0.019
4-Chloro-3-methylphenol	ND		0.038	0.013
2-Methylnaphthalene	ND		0.038	0.016
Hexachlorocyclopentadiene	ND		0.038	0.012
2,4,6-Trichlorophenol	ND		0.038	0.013
2,4,5-Trichlorophenol	ND		0.038	0.013
1,1'-Biphenyl	ND		0.038	0.012
2-Chloronaphthalene	ND		0.038	0.013
2-Nitroaniline	ND		0.038	0.019
Dimethyl phthalate	ND		0.038	0.014

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-006
Client ID: S-3A/8-1
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7949.D

GC/MS Column: DB-5
Sample wt/vol: 15.69g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 16.9

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		0.038	0.012
Acenaphthylene	ND		0.038	0.016
3-Nitroaniline	ND		0.038	0.015
Acenaphthene	ND		0.038	0.011
2,4-Dinitrophenol	ND		0.038	0.016
4-Nitrophenol	ND		0.038	0.016
2,4-Dinitrotoluene	ND		0.038	0.012
Dibenzofuran	ND		0.038	0.012
Diethyl phthalate	ND		0.038	0.012
Fluorene	ND		0.038	0.012
4-Chlorophenyl phenyl ether	ND		0.038	0.012
4-Nitroaniline	ND		0.038	0.012
1,2,4,5-Tetrachlorobenzene	ND		0.038	0.016
2,3,4,6-Tetrachlorophenol	ND		0.038	0.019
4,6-Dinitro-2-methylphenol	ND		0.038	0.013
N-Nitrosodiphenylamine	ND		0.038	0.012
4-Bromophenyl phenyl ether	ND		0.038	0.013
Hexachlorobenzene	ND		0.038	0.016
Atrazine	ND		0.038	0.012
Pentachlorophenol	ND		0.038	0.014
Phenanthrene	ND		0.038	0.012
Anthracene	ND		0.038	0.016
Carbazole	ND		0.038	0.015
Di-n-butyl phthalate	ND		0.038	0.012
Fluoranthene	ND		0.038	0.014
Pyrene	ND		0.038	0.012
Butyl benzyl phthalate	ND		0.038	0.011
3,3'-Dichlorobenzidine	ND		0.038	0.013
Benzo[a]anthracene	ND		0.038	0.017
Chrysene	ND		0.038	0.014
Bis(2-ethylhexyl) phthalate	ND		0.038	0.019
Di-n-octyl phthalate	ND		0.038	0.014
Benzo[b]fluoranthene	ND		0.038	0.020
Benzo[k]fluoranthene	ND		0.038	0.020
Benzo[a]pyrene	ND		0.038	0.017
Indeno[1,2,3-cd]pyrene	ND		0.038	0.011
Dibenz[a,h]anthracene	ND		0.038	0.012
Benzo[g,h,i]perylene	ND		0.038	0.016
Dinitrotoluene (2,4- and 2,6-)	ND		0.038	0.012

Total Target Compounds (68): 0

** - represents the total of 3+4-Methylphenol

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-007
Client ID: S-4/0-2
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7950.D

GC/MS Column: DB-5
Sample wt/vol: 15.92g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 5.60

Compound	Concentration	Q	RL	MDL
Benzaldehyde	ND		0.033	0.011
Phenol	ND		0.033	0.012
Bis(2-chloroethyl) ether	ND		0.033	0.012
2-Chlorophenol	ND		0.033	0.010
2-Methylphenol	ND		0.033	0.010
Bis(2-chloroisopropyl) ether	ND		0.033	0.016
4-Methylphenol **	ND		0.033	0.011
N-Nitrosodi-n-propylamine	ND		0.033	0.012
Acetophenone	ND		0.033	0.012
Hexachloroethane	ND		0.033	0.00965
Nitrobenzene	ND		0.033	0.012
Isophorone	ND		0.033	0.016
2-Nitrophenol	ND		0.033	0.012
2,4-Dimethylphenol	ND		0.033	0.010
Bis(2-chloroethoxy) methane	ND		0.033	0.00998
2,4-Dichlorophenol	ND		0.033	0.010
Naphthalene	0.024	J	0.033	0.00952
4-Chloroaniline	ND		0.033	0.00998
Hexachlorobutadiene	ND		0.033	0.00998
Caprolactam	ND		0.033	0.017
4-Chloro-3-methylphenol	ND		0.033	0.011
2-Methylnaphthalene	0.024	J	0.033	0.014
Hexachlorocyclopentadiene	ND		0.033	0.00998
2,4,6-Trichlorophenol	ND		0.033	0.011
2,4,5-Trichlorophenol	ND		0.033	0.011
1,1'-Biphenyl	ND		0.033	0.010
2-Chloronaphthalene	ND		0.033	0.011
2-Nitroaniline	ND		0.033	0.017
Dimethyl phthalate	ND		0.033	0.012

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-007
Client ID: S-4/0-2
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7950.D

GC/MS Column: DB-5
Sample wt/vol: 15.92g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 5.60

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		0.033	0.011
Acenaphthylene	0.039		0.033	0.014
3-Nitroaniline	ND		0.033	0.013
Acenaphthene	ND		0.033	0.00971
2,4-Dinitrophenol	ND		0.033	0.014
4-Nitrophenol	ND		0.033	0.014
2,4-Dinitrotoluene	ND		0.033	0.00998
Dibenzofuran	ND		0.033	0.011
Diethyl phthalate	ND		0.033	0.00998
Fluorene	0.014	J	0.033	0.00995
4-Chlorophenyl phenyl ether	ND		0.033	0.011
4-Nitroaniline	ND		0.033	0.00998
1,2,4,5-Tetrachlorobenzene	ND		0.033	0.014
2,3,4,6-Tetrachlorophenol	ND		0.033	0.016
4,6-Dinitro-2-methylphenol	ND		0.033	0.012
N-Nitrosodiphenylamine	ND		0.033	0.010
4-Bromophenyl phenyl ether	ND		0.033	0.011
Hexachlorobenzene	ND		0.033	0.014
Atrazine	ND		0.033	0.010
Pentachlorophenol	ND		0.033	0.012
Phenanthrene	0.091		0.033	0.010
Anthracene	0.041		0.033	0.014
Carbazole	ND		0.033	0.013
Di-n-butyl phthalate	0.011	J	0.033	0.010
Fluoranthene	0.245		0.033	0.012
Pyrene	0.249		0.033	0.011
Butyl benzyl phthalate	ND		0.033	0.00965
3,3'-Dichlorobenzidine	ND		0.033	0.011
Benzo[a]anthracene	0.186		0.033	0.015
Chrysene	0.223		0.033	0.012
Bis(2-ethylhexyl) phthalate	0.026	J	0.033	0.016
Di-n-octyl phthalate	ND		0.033	0.012
Benzo[b]fluoranthene	0.389		0.033	0.017
Benzo[k]fluoranthene	0.321		0.033	0.017
Benzo[a]pyrene	0.519		0.033	0.015
Indeno[1,2,3-cd]pyrene	0.483		0.033	0.00965
Dibenz[a,h]anthracene	0.174		0.033	0.010
Benzo[g,h,i]perylene	0.608		0.033	0.014
Dinitrotoluene (2,4- and 2,6-)	ND		0.033	0.011

Total Target Compounds (68): 3.67 J

** - represents the total of 3+4-Methylphenol

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-008
Client ID: S-4A/14-
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7951.D

GC/MS Column: DB-5
Sample wt/vol: 15.09g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 6.10

Compound	Concentration	Q	RL	MDL
Benzaldehyde	ND		0.035	0.011
Phenol	ND		0.035	0.012
Bis(2-chloroethyl) ether	ND		0.035	0.013
2-Chlorophenol	ND		0.035	0.011
2-Methylphenol	ND		0.035	0.011
Bis(2-chloroisopropyl) ether	ND		0.035	0.017
4-Methylphenol **	ND		0.035	0.012
N-Nitrosodi-n-propylamine	ND		0.035	0.013
Acetophenone	ND		0.035	0.013
Hexachloroethane	ND		0.035	0.010
Nitrobenzene	ND		0.035	0.012
Isophorone	ND		0.035	0.017
2-Nitrophenol	ND		0.035	0.013
2,4-Dimethylphenol	ND		0.035	0.011
Bis(2-chloroethoxy) methane	ND		0.035	0.011
2,4-Dichlorophenol	ND		0.035	0.011
Naphthalene	ND		0.035	0.010
4-Chloroaniline	ND		0.035	0.011
Hexachlorobutadiene	ND		0.035	0.011
Caprolactam	ND		0.035	0.018
4-Chloro-3-methylphenol	ND		0.035	0.012
2-Methylnaphthalene	ND		0.035	0.015
Hexachlorocyclopentadiene	ND		0.035	0.011
2,4,6-Trichlorophenol	ND		0.035	0.012
2,4,5-Trichlorophenol	ND		0.035	0.012
1,1'-Biphenyl	ND		0.035	0.011
2-Chloronaphthalene	ND		0.035	0.012
2-Nitroaniline	ND		0.035	0.018
Dimethyl phthalate	ND		0.035	0.013

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-008
Client ID: S-4A/14-
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7951.D

GC/MS Column: DB-5
Sample wt/vol: 15.09g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 6.10

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		0.035	0.011
Acenaphthylene	ND		0.035	0.014
3-Nitroaniline	ND		0.035	0.014
Acenaphthene	ND		0.035	0.010
2,4-Dinitrophenol	ND		0.035	0.014
4-Nitrophenol	ND		0.035	0.014
2,4-Dinitrotoluene	ND		0.035	0.011
Dibenzofuran	ND		0.035	0.011
Diethyl phthalate	ND		0.035	0.011
Fluorene	ND		0.035	0.011
4-Chlorophenyl phenyl ether	ND		0.035	0.011
4-Nitroaniline	ND		0.035	0.011
1,2,4,5-Tetrachlorobenzene	ND		0.035	0.014
2,3,4,6-Tetrachlorophenol	ND		0.035	0.017
4,6-Dinitro-2-methylphenol	ND		0.035	0.012
N-Nitrosodiphenylamine	ND		0.035	0.011
4-Bromophenyl phenyl ether	ND		0.035	0.012
Hexachlorobenzene	ND		0.035	0.014
Atrazine	ND		0.035	0.011
Pentachlorophenol	ND		0.035	0.013
Phenanthrene	ND		0.035	0.011
Anthracene	ND		0.035	0.015
Carbazole	ND		0.035	0.014
Di-n-butyl phthalate	ND		0.035	0.011
Fluoranthene	ND		0.035	0.013
Pyrene	ND		0.035	0.011
Butyl benzyl phthalate	ND		0.035	0.010
3,3'-Dichlorobenzidine	ND		0.035	0.012
Benzo[a]anthracene	ND		0.035	0.015
Chrysene	ND		0.035	0.013
Bis(2-ethylhexyl) phthalate	0.025	J	0.035	0.017
Di-n-octyl phthalate	ND		0.035	0.013
Benzo[b]fluoranthene	ND		0.035	0.018
Benzo[k]fluoranthene	ND		0.035	0.018
Benzo[a]pyrene	ND		0.035	0.015
Indeno[1,2,3-cd]pyrene	ND		0.035	0.010
Dibenz[a,h]anthracene	ND		0.035	0.011
Benzo[g,h,i]perylene	ND		0.035	0.015
Dinitrotoluene (2,4- and 2,6-)	ND		0.035	0.011

Total Target Compounds (68): 0.025 J

** - represents the total of 3+4-Methylphenol

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-009
Client ID: S-5/0-2
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7952.D

GC/MS Column: DB-5
Sample wt/vol: 15.30g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 12.9

Compound	Concentration	Q	RL	MDL
Benzaldehyde	ND		0.038	0.012
Phenol	ND		0.038	0.013
Bis(2-chloroethyl) ether	ND		0.038	0.014
2-Chlorophenol	ND		0.038	0.012
2-Methylphenol	ND		0.038	0.012
Bis(2-chloroisopropyl) ether	ND		0.038	0.018
4-Methylphenol **	ND		0.038	0.013
N-Nitrosodi-n-propylamine	ND		0.038	0.014
Acetophenone	ND		0.038	0.014
Hexachloroethane	ND		0.038	0.011
Nitrobenzene	ND		0.038	0.013
Isophorone	ND		0.038	0.018
2-Nitrophenol	ND		0.038	0.014
2,4-Dimethylphenol	ND		0.038	0.012
Bis(2-chloroethoxy) methane	ND		0.038	0.011
2,4-Dichlorophenol	ND		0.038	0.012
Naphthalene	0.066		0.038	0.011
4-Chloroaniline	ND		0.038	0.011
Hexachlorobutadiene	ND		0.038	0.011
Caprolactam	ND		0.038	0.019
4-Chloro-3-methylphenol	ND		0.038	0.013
2-Methylnaphthalene	ND		0.038	0.016
Hexachlorocyclopentadiene	ND		0.038	0.011
2,4,6-Trichlorophenol	ND		0.038	0.012
2,4,5-Trichlorophenol	ND		0.038	0.013
1,1'-Biphenyl	ND		0.038	0.012
2-Chloronaphthalene	ND		0.038	0.012
2-Nitroaniline	ND		0.038	0.019
Dimethyl phthalate	ND		0.038	0.014

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-009
Client ID: S-5/0-2
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7952.D

GC/MS Column: DB-5
Sample wt/vol: 15.30g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 12.9

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		0.038	0.012
Acenaphthylene	0.019	J	0.038	0.015
3-Nitroaniline	ND		0.038	0.015
Acenaphthene	0.023	J	0.038	0.011
2,4-Dinitrophenol	ND		0.038	0.015
4-Nitrophenol	ND		0.038	0.015
2,4-Dinitrotoluene	ND		0.038	0.011
Dibenzofuran	0.020	J	0.038	0.012
Diethyl phthalate	ND		0.038	0.011
Fluorene	0.026	J	0.038	0.011
4-Chlorophenyl phenyl ether	ND		0.038	0.012
4-Nitroaniline	ND		0.038	0.011
1,2,4,5-Tetrachlorobenzene	ND		0.038	0.015
2,3,4,6-Tetrachlorophenol	ND		0.038	0.018
4,6-Dinitro-2-methylphenol	ND		0.038	0.013
N-Nitrosodiphenylamine	ND		0.038	0.012
4-Bromophenyl phenyl ether	ND		0.038	0.013
Hexachlorobenzene	ND		0.038	0.015
Atrazine	ND		0.038	0.012
Pentachlorophenol	ND		0.038	0.014
Phenanthrene	0.272		0.038	0.011
Anthracene	0.066		0.038	0.016
Carbazole	0.042		0.038	0.015
Di-n-butyl phthalate	0.021	J	0.038	0.012
Fluoranthene	0.453		0.038	0.013
Pyrene	0.513		0.038	0.012
Butyl benzyl phthalate	ND		0.038	0.011
3,3'-Dichlorobenzidine	ND		0.038	0.013
Benzo[a]anthracene	0.311		0.038	0.016
Chrysene	0.322		0.038	0.014
Bis(2-ethylhexyl) phthalate	0.041		0.038	0.018
Di-n-octyl phthalate	ND		0.038	0.014
Benzo[b]fluoranthene	0.345		0.038	0.019
Benzo[k]fluoranthene	0.359		0.038	0.020
Benzo[a]pyrene	0.407		0.038	0.016
Indeno[1,2,3-cd]pyrene	0.211		0.038	0.011
Dibenz[a,h]anthracene	0.117		0.038	0.012
Benzo[g,h,i]perylene	0.201		0.038	0.016
Dinitrotoluene (2,4- and 2,6-)	ND		0.038	0.012

Total Target Compounds (68): 3.84 J

** - represents the total of 3+4-Methylphenol

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-010
Client ID: S-5A/11-
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7953.D

GC/MS Column: DB-5
Sample wt/vol: 15.07g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 17.9

Compound	Concentration	Q	RL	MDL
Benzaldehyde	ND		0.040	0.013
Phenol	ND		0.040	0.014
Bis(2-chloroethyl) ether	ND		0.040	0.015
2-Chlorophenol	ND		0.040	0.013
2-Methylphenol	ND		0.040	0.013
Bis(2-chloroisopropyl) ether	ND		0.040	0.019
4-Methylphenol **	ND		0.040	0.014
N-Nitrosodi-n-propylamine	ND		0.040	0.014
Acetophenone	ND		0.040	0.015
Hexachloroethane	ND		0.040	0.012
Nitrobenzene	ND		0.040	0.014
Isophorone	ND		0.040	0.019
2-Nitrophenol	ND		0.040	0.014
2,4-Dimethylphenol	ND		0.040	0.013
Bis(2-chloroethoxy) methane	ND		0.040	0.012
2,4-Dichlorophenol	ND		0.040	0.013
Naphthalene	ND		0.040	0.012
4-Chloroaniline	ND		0.040	0.012
Hexachlorobutadiene	ND		0.040	0.012
Caprolactam	ND		0.040	0.020
4-Chloro-3-methylphenol	ND		0.040	0.014
2-Methylnaphthalene	ND		0.040	0.017
Hexachlorocyclopentadiene	ND		0.040	0.012
2,4,6-Trichlorophenol	ND		0.040	0.013
2,4,5-Trichlorophenol	ND		0.040	0.014
1,1'-Biphenyl	ND		0.040	0.013
2-Chloronaphthalene	ND		0.040	0.013
2-Nitroaniline	ND		0.040	0.020
Dimethyl phthalate	ND		0.040	0.014

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-010
Client ID: S-5A/11-
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7953.D

GC/MS Column: DB-5
Sample wt/vol: 15.07g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 17.9

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		0.040	0.013
Acenaphthylene	ND		0.040	0.017
3-Nitroaniline	ND		0.040	0.016
Acenaphthene	ND		0.040	0.012
2,4-Dinitrophenol	ND		0.040	0.017
4-Nitrophenol	ND		0.040	0.017
2,4-Dinitrotoluene	ND		0.040	0.012
Dibenzofuran	ND		0.040	0.013
Diethyl phthalate	ND		0.040	0.012
Fluorene	ND		0.040	0.012
4-Chlorophenyl phenyl ether	ND		0.040	0.013
4-Nitroaniline	ND		0.040	0.012
1,2,4,5-Tetrachlorobenzene	ND		0.040	0.017
2,3,4,6-Tetrachlorophenol	ND		0.040	0.020
4,6-Dinitro-2-methylphenol	ND		0.040	0.014
N-Nitrosodiphenylamine	ND		0.040	0.013
4-Bromophenyl phenyl ether	ND		0.040	0.014
Hexachlorobenzene	ND		0.040	0.017
Atrazine	ND		0.040	0.013
Pentachlorophenol	ND		0.040	0.014
Phenanthrene	ND		0.040	0.012
Anthracene	ND		0.040	0.017
Carbazole	ND		0.040	0.016
Di-n-butyl phthalate	ND		0.040	0.013
Fluoranthene	ND		0.040	0.014
Pyrene	ND		0.040	0.013
Butyl benzyl phthalate	ND		0.040	0.012
3,3'-Dichlorobenzidine	ND		0.040	0.014
Benzo[a]anthracene	ND		0.040	0.018
Chrysene	ND		0.040	0.015
Bis(2-ethylhexyl) phthalate	ND		0.040	0.020
Di-n-octyl phthalate	ND		0.040	0.015
Benzo[b]fluoranthene	ND		0.040	0.021
Benzo[k]fluoranthene	ND		0.040	0.021
Benzo[a]pyrene	ND		0.040	0.018
Indeno[1,2,3-cd]pyrene	ND		0.040	0.012
Dibenz[a,h]anthracene	ND		0.040	0.013
Benzo[g,h,i]perylene	ND		0.040	0.017
Dinitrotoluene (2,4- and 2,6-)	ND		0.040	0.013

Total Target Compounds (68): 0

** - represents the total of 3+4-Methylphenol

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-011
Client ID: S-6/0-2
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7954.D

GC/MS Column: DB-5
Sample wt/vol: 15.39g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 11.9

Compound	Concentration	Q	RL	MDL
Benzaldehyde	ND		0.037	0.012
Phenol	ND		0.037	0.013
Bis(2-chloroethyl) ether	ND		0.037	0.014
2-Chlorophenol	ND		0.037	0.011
2-Methylphenol	ND		0.037	0.011
Bis(2-chloroisopropyl) ether	ND		0.037	0.017
4-Methylphenol **	ND		0.037	0.013
N-Nitrosodi-n-propylamine	ND		0.037	0.013
Acetophenone	ND		0.037	0.014
Hexachloroethane	ND		0.037	0.011
Nitrobenzene	ND		0.037	0.013
Isophorone	ND		0.037	0.017
2-Nitrophenol	ND		0.037	0.013
2,4-Dimethylphenol	ND		0.037	0.011
Bis(2-chloroethoxy) methane	ND		0.037	0.011
2,4-Dichlorophenol	ND		0.037	0.011
Naphthalene	0.023	J	0.037	0.010
4-Chloroaniline	ND		0.037	0.011
Hexachlorobutadiene	ND		0.037	0.011
Caprolactam	ND		0.037	0.018
4-Chloro-3-methylphenol	ND		0.037	0.013
2-Methylnaphthalene	ND		0.037	0.016
Hexachlorocyclopentadiene	ND		0.037	0.011
2,4,6-Trichlorophenol	ND		0.037	0.012
2,4,5-Trichlorophenol	ND		0.037	0.013
1,1'-Biphenyl	ND		0.037	0.011
2-Chloronaphthalene	ND		0.037	0.012
2-Nitroaniline	ND		0.037	0.018
Dimethyl phthalate	ND		0.037	0.013

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-011
Client ID: S-6/0-2
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7954.D

GC/MS Column: DB-5
Sample wt/vol: 15.39g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 11.9

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		0.037	0.012
Acenaphthylene	0.161		0.037	0.015
3-Nitroaniline	ND		0.037	0.015
Acenaphthene	0.028	J	0.037	0.011
2,4-Dinitrophenol	ND		0.037	0.015
4-Nitrophenol	ND		0.037	0.015
2,4-Dinitrotoluene	ND		0.037	0.011
Dibenzofuran	0.014	J	0.037	0.012
Diethyl phthalate	ND		0.037	0.011
Fluorene	0.043		0.037	0.011
4-Chlorophenyl phenyl ether	ND		0.037	0.012
4-Nitroaniline	ND		0.037	0.011
1,2,4,5-Tetrachlorobenzene	ND		0.037	0.015
2,3,4,6-Tetrachlorophenol	ND		0.037	0.018
4,6-Dinitro-2-methylphenol	ND		0.037	0.013
N-Nitrosodiphenylamine	ND		0.037	0.011
4-Bromophenyl phenyl ether	ND		0.037	0.013
Hexachlorobenzene	ND		0.037	0.015
Atrazine	ND		0.037	0.011
Pentachlorophenol	ND		0.037	0.013
Phenanthrene	0.510		0.037	0.011
Anthracene	0.166		0.037	0.015
Carbazole	0.065		0.037	0.014
Di-n-butyl phthalate	0.015	J	0.037	0.011
Fluoranthene	1.62		0.037	0.013
Pyrene	1.15		0.037	0.012
Butyl benzyl phthalate	ND		0.037	0.011
3,3'-Dichlorobenzidine	ND		0.037	0.013
Benzo[a]anthracene	0.920		0.037	0.016
Chrysene	1.04		0.037	0.014
Bis(2-ethylhexyl) phthalate	0.019	J	0.037	0.018
Di-n-octyl phthalate	ND		0.037	0.014
Benzo[b]fluoranthene	1.19		0.037	0.019
Benzo[k]fluoranthene	1.14		0.037	0.019
Benzo[a]pyrene	1.28		0.037	0.016
Indeno[1,2,3-cd]pyrene	0.742		0.037	0.011
Dibenz[a,h]anthracene	0.323		0.037	0.011
Benzo[g,h,i]perylene	0.748		0.037	0.015
Dinitrotoluene (2,4- and 2,6-)	ND		0.037	0.012

Total Target Compounds (68): 11.2 J

** - represents the total of 3+4-Methylphenol

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-012
Client ID: S-6A/13-
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7955.D

GC/MS Column: DB-5
Sample wt/vol: 15.23g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 16.5

Compound	Concentration	Q	RL	MDL
Benzaldehyde	ND		0.039	0.013
Phenol	ND		0.039	0.014
Bis(2-chloroethyl) ether	ND		0.039	0.014
2-Chlorophenol	ND		0.039	0.012
2-Methylphenol	ND		0.039	0.012
Bis(2-chloroisopropyl) ether	ND		0.039	0.019
4-Methylphenol **	ND		0.039	0.013
N-Nitrosodi-n-propylamine	ND		0.039	0.014
Acetophenone	ND		0.039	0.014
Hexachloroethane	ND		0.039	0.011
Nitrobenzene	ND		0.039	0.014
Isophorone	ND		0.039	0.019
2-Nitrophenol	ND		0.039	0.014
2,4-Dimethylphenol	ND		0.039	0.012
Bis(2-chloroethoxy) methane	ND		0.039	0.012
2,4-Dichlorophenol	ND		0.039	0.012
Naphthalene	ND		0.039	0.011
4-Chloroaniline	ND		0.039	0.012
Hexachlorobutadiene	ND		0.039	0.012
Caprolactam	ND		0.039	0.020
4-Chloro-3-methylphenol	ND		0.039	0.013
2-Methylnaphthalene	ND		0.039	0.017
Hexachlorocyclopentadiene	ND		0.039	0.012
2,4,6-Trichlorophenol	ND		0.039	0.013
2,4,5-Trichlorophenol	ND		0.039	0.013
1,1'-Biphenyl	ND		0.039	0.012
2-Chloronaphthalene	ND		0.039	0.013
2-Nitroaniline	ND		0.039	0.020
Dimethyl phthalate	ND		0.039	0.014

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-012
Client ID: S-6A/13-
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7955.D

GC/MS Column: DB-5
Sample wt/vol: 15.23g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 16.5

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		0.039	0.013
Acenaphthylene	ND		0.039	0.016
3-Nitroaniline	ND		0.039	0.016
Acenaphthene	ND		0.039	0.012
2,4-Dinitrophenol	ND		0.039	0.016
4-Nitrophenol	ND		0.039	0.016
2,4-Dinitrotoluene	ND		0.039	0.012
Dibenzofuran	ND		0.039	0.013
Diethyl phthalate	ND		0.039	0.012
Fluorene	ND		0.039	0.012
4-Chlorophenyl phenyl ether	ND		0.039	0.013
4-Nitroaniline	ND		0.039	0.012
1,2,4,5-Tetrachlorobenzene	ND		0.039	0.016
2,3,4,6-Tetrachlorophenol	ND		0.039	0.019
4,6-Dinitro-2-methylphenol	ND		0.039	0.014
N-Nitrosodiphenylamine	ND		0.039	0.012
4-Bromophenyl phenyl ether	ND		0.039	0.013
Hexachlorobenzene	ND		0.039	0.016
Atrazine	ND		0.039	0.012
Pentachlorophenol	ND		0.039	0.014
Phenanthrene	ND		0.039	0.012
Anthracene	ND		0.039	0.016
Carbazole	ND		0.039	0.015
Di-n-butyl phthalate	ND		0.039	0.012
Fluoranthene	ND		0.039	0.014
Pyrene	ND		0.039	0.013
Butyl benzyl phthalate	ND		0.039	0.011
3,3'-Dichlorobenzidine	ND		0.039	0.013
Benzo[a]anthracene	ND		0.039	0.017
Chrysene	ND		0.039	0.015
Bis(2-ethylhexyl) phthalate	ND		0.039	0.019
Di-n-octyl phthalate	ND		0.039	0.014
Benzo[b]fluoranthene	ND		0.039	0.020
Benzo[k]fluoranthene	ND		0.039	0.020
Benzo[a]pyrene	ND		0.039	0.017
Indeno[1,2,3-cd]pyrene	ND		0.039	0.011
Dibenz[a,h]anthracene	ND		0.039	0.012
Benzo[g,h,i]perylene	ND		0.039	0.017
Dinitrotoluene (2,4- and 2,6-)	ND		0.039	0.013

Total Target Compounds (68): 0

** - represents the total of 3+4-Methylphenol

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-013
Client ID: S-7/0-2
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7956.D

GC/MS Column: DB-5
Sample wt/vol: 15.18g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 14.7

Compound	Concentration	Q	RL	MDL
Benzaldehyde	ND		0.039	0.012
Phenol	ND		0.039	0.014
Bis(2-chloroethyl) ether	ND		0.039	0.014
2-Chlorophenol	ND		0.039	0.012
2-Methylphenol	ND		0.039	0.012
Bis(2-chloroisopropyl) ether	ND		0.039	0.018
4-Methylphenol **	ND		0.039	0.013
N-Nitrosodi-n-propylamine	ND		0.039	0.014
Acetophenone	ND		0.039	0.014
Hexachloroethane	ND		0.039	0.011
Nitrobenzene	ND		0.039	0.014
Isophorone	ND		0.039	0.018
2-Nitrophenol	ND		0.039	0.014
2,4-Dimethylphenol	ND		0.039	0.012
Bis(2-chloroethoxy) methane	ND		0.039	0.012
2,4-Dichlorophenol	ND		0.039	0.012
Naphthalene	0.035	J	0.039	0.011
4-Chloroaniline	ND		0.039	0.012
Hexachlorobutadiene	ND		0.039	0.012
Caprolactam	ND		0.039	0.019
4-Chloro-3-methylphenol	ND		0.039	0.013
2-Methylnaphthalene	0.025	J	0.039	0.017
Hexachlorocyclopentadiene	ND		0.039	0.012
2,4,6-Trichlorophenol	ND		0.039	0.013
2,4,5-Trichlorophenol	ND		0.039	0.013
1,1'-Biphenyl	ND		0.039	0.012
2-Chloronaphthalene	ND		0.039	0.013
2-Nitroaniline	ND		0.039	0.019
Dimethyl phthalate	ND		0.039	0.014

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-013
Client ID: S-7/0-2
Date Received: 07/18/2013
Date Extracted: 07/19/2013
Date Analyzed: 07/23/2013
Data file: A7956.D

GC/MS Column: DB-5
Sample wt/vol: 15.18g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 14.7

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		0.039	0.012
Acenaphthylene	0.054		0.039	0.016
3-Nitroaniline	ND		0.039	0.015
Acenaphthene	0.046		0.039	0.011
2,4-Dinitrophenol	ND		0.039	0.016
4-Nitrophenol	ND		0.039	0.016
2,4-Dinitrotoluene	ND		0.039	0.012
Dibenzofuran	ND		0.039	0.012
Diethyl phthalate	ND		0.039	0.012
Fluorene	0.044		0.039	0.012
4-Chlorophenyl phenyl ether	ND		0.039	0.012
4-Nitroaniline	ND		0.039	0.012
1,2,4,5-Tetrachlorobenzene	ND		0.039	0.016
2,3,4,6-Tetrachlorophenol	ND		0.039	0.019
4,6-Dinitro-2-methylphenol	ND		0.039	0.014
N-Nitrosodiphenylamine	ND		0.039	0.012
4-Bromophenyl phenyl ether	ND		0.039	0.013
Hexachlorobenzene	ND		0.039	0.016
Atrazine	ND		0.039	0.012
Pentachlorophenol	ND		0.039	0.014
Phenanthrene	0.373		0.039	0.012
Anthracene	0.122		0.039	0.016
Carbazole	0.047		0.039	0.015
Di-n-butyl phthalate	ND		0.039	0.012
Fluoranthene	0.731		0.039	0.014
Pyrene	0.596		0.039	0.012
Butyl benzyl phthalate	ND		0.039	0.011
3,3'-Dichlorobenzidine	ND		0.039	0.013
Benzo[a]anthracene	0.444		0.039	0.017
Chrysene	0.440		0.039	0.014
Bis(2-ethylhexyl) phthalate	0.030	J	0.039	0.019
Di-n-octyl phthalate	ND		0.039	0.014
Benzo[b]fluoranthene	0.552		0.039	0.020
Benzo[k]fluoranthene	0.472		0.039	0.020
Benzo[a]pyrene	0.617		0.039	0.017
Indeno[1,2,3-cd]pyrene	0.354		0.039	0.011
Dibenz[a,h]anthracene	0.131		0.039	0.012
Benzo[g,h,i]perylene	0.349		0.039	0.016
Dinitrotoluene (2,4- and 2,6-)	ND		0.039	0.012

Total Target Compounds (68): 5.46 J

** - represents the total of 3+4-Methylphenol

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-014
Client ID: S-7A/12-
Date Received: 07/18/2013
Date Extracted: 07/23/2013
Date Analyzed: 07/24/2013
Data file: C8602.D

GC/MS Column: DB-5
Sample wt/vol: 15.14g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 15.9

Compound	Concentration	Q	RL	MDL
Benzaldehyde	ND		0.039	0.015
Phenol	ND		0.039	0.017
Bis(2-chloroethyl) ether	ND		0.039	0.027
2-Chlorophenol	ND		0.039	0.016
2-Methylphenol	ND		0.039	0.031
Bis(2-chloroisopropyl) ether	ND		0.039	0.014
4-Methylphenol **	ND		0.039	0.022
N-Nitrosodi-n-propylamine	ND		0.039	0.026
Acetophenone	ND		0.039	0.013
Hexachloroethane	ND		0.039	0.011
Nitrobenzene	ND		0.039	0.038
Isophorone	ND		0.039	0.025
2-Nitrophenol	ND		0.039	0.029
2,4-Dimethylphenol	ND		0.039	0.031
Bis(2-chloroethoxy) methane	ND		0.039	0.033
2,4-Dichlorophenol	ND		0.039	0.036
Naphthalene	ND		0.039	0.012
4-Chloroaniline	ND		0.039	0.037
Hexachlorobutadiene	ND		0.039	0.020
Caprolactam	ND		0.039	0.013
4-Chloro-3-methylphenol	ND		0.039	0.037
2-Methylnaphthalene	ND		0.039	0.032
Hexachlorocyclopentadiene	ND		0.039	0.026
2,4,6-Trichlorophenol	ND		0.039	0.013
2,4,5-Trichlorophenol	ND		0.039	0.016
1,1'-Biphenyl	ND		0.039	0.012
2-Chloronaphthalene	ND		0.039	0.037
2-Nitroaniline	ND		0.039	0.024
Dimethyl phthalate	ND		0.039	0.012

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-014
Client ID: S-7A/12-
Date Received: 07/18/2013
Date Extracted: 07/23/2013
Date Analyzed: 07/24/2013
Data file: C8602.D

GC/MS Column: DB-5
Sample wt/vol: 15.14g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 15.9

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		0.039	0.023
Acenaphthylene	ND		0.039	0.027
3-Nitroaniline	ND		0.039	0.033
Acenaphthene	ND		0.039	0.031
2,4-Dinitrophenol	ND		0.039	0.023
4-Nitrophenol	ND		0.039	0.029
2,4-Dinitrotoluene	ND		0.039	0.025
Dibenzofuran	ND		0.039	0.013
Diethyl phthalate	ND		0.039	0.029
Fluorene	ND		0.039	0.021
4-Chlorophenyl phenyl ether	ND		0.039	0.018
4-Nitroaniline	ND		0.039	0.032
1,2,4,5-Tetrachlorobenzene	ND		0.039	0.013
2,3,4,6-Tetrachlorophenol	ND		0.039	0.036
4,6-Dinitro-2-methylphenol	ND		0.039	0.031
N-Nitrosodiphenylamine	ND		0.039	0.019
4-Bromophenyl phenyl ether	ND		0.039	0.016
Hexachlorobenzene	ND		0.039	0.031
Atrazine	ND		0.039	0.027
Pentachlorophenol	ND		0.039	0.016
Phenanthrene	ND		0.039	0.026
Anthracene	ND		0.039	0.039
Carbazole	ND		0.039	0.023
Di-n-butyl phthalate	ND		0.039	0.035
Fluoranthene	ND		0.039	0.016
Pyrene	ND		0.039	0.029
Butyl benzyl phthalate	ND		0.039	0.025
3,3'-Dichlorobenzidine	ND		0.039	0.027
Benzo[a]anthracene	ND		0.039	0.038
Chrysene	ND		0.039	0.027
Bis(2-ethylhexyl) phthalate	ND		0.039	0.019
Di-n-octyl phthalate	ND		0.039	0.035
Benzo[b]fluoranthene	ND		0.039	0.024
Benzo[k]fluoranthene	ND		0.039	0.037
Benzo[a]pyrene	ND		0.039	0.014
Indeno[1,2,3-cd]pyrene	ND		0.039	0.026
Dibenz[a,h]anthracene	ND		0.039	0.029
Benzo[g,h,i]perylene	ND		0.039	0.035
Dinitrotoluene (2,4- and 2,6-)	ND		0.039	0.025

Total Target Compounds (68): 0

** - represents the total of 3+4-Methylphenol

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-015
Client ID: MW-1
Date Received: 07/18/2013
Date Extracted: 07/22/2013
Date Analyzed: 07/22/2013
Data file: B0034.D

GC/MS Column: DB-5
Sample wt/vol: 500ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Benzaldehyde	ND		1.00	0.180
Phenol	ND		1.00	0.400
Aniline	ND		1.00	0.350
Bis(2-chloroethyl) ether	ND		1.00	0.530
2-Chlorophenol	ND		1.00	0.310
2-Methylphenol	ND		1.00	0.240
Bis(2-chloroisopropyl) ether	ND		1.00	0.620
4-Methylphenol **	ND		1.00	0.380
N-Nitrosodi-n-propylamine	ND		1.00	0.400
Acetophenone	ND		1.00	0.370
Hexachloroethane	ND		1.00	0.390
Nitrobenzene	ND		1.00	0.320
Isophorone	ND		1.00	0.350
2-Nitrophenol	ND		1.00	0.220
2,4-Dimethylphenol	ND		1.00	0.350
Bis(2-chloroethoxy) methane	ND		1.00	0.470
Benzoic acid	ND		1.00	0.120
2,4-Dichlorophenol	ND		1.00	0.310
Naphthalene	ND		1.00	0.337
4-Chloroaniline	ND		1.00	0.270
Hexachlorobutadiene	ND		1.00	0.330
Caprolactam	ND		1.00	0.430
4-Chloro-3-methylphenol	ND		1.00	0.290
2-Methylnaphthalene	ND		1.00	0.343
Hexachlorocyclopentadiene	ND		1.00	0.100
2,4,6-Trichlorophenol	ND		1.00	0.230
2,4,5-Trichlorophenol	ND		1.00	0.270
1,1'-Biphenyl	ND		1.00	0.350
2-Chloronaphthalene	ND		1.00	0.320
2-Nitroaniline	ND		1.00	0.230
Dimethyl phthalate	ND		1.00	0.370

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-015
Client ID: MW-1
Date Received: 07/18/2013
Date Extracted: 07/22/2013
Date Analyzed: 07/22/2013
Data file: B0034.D

GC/MS Column: DB-5
Sample wt/vol: 500ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		1.00	0.170
Acenaphthylene	ND		1.00	0.292
3-Nitroaniline	ND		1.00	0.170
Acenaphthene	ND		1.00	0.347
2,4-Dinitrophenol	ND		1.00	0.190
4-Nitrophenol	ND		1.00	0.630
2,4-Dinitrotoluene	ND		1.00	0.160
Dibenzofuran	ND		1.00	0.360
Diethyl phthalate	ND		1.00	0.400
Fluorene	ND		1.00	0.311
4-Chlorophenyl phenyl ether	ND		1.00	0.390
4-Nitroaniline	ND		1.00	0.170
1,2,4,5-Tetrachlorobenzene	ND		1.00	0.330
2,3,4,6-Tetrachlorophenol	ND		1.00	0.170
4,6-Dinitro-2-methylphenol	ND		1.00	0.140
N-Nitrosodiphenylamine	ND		1.00	0.370
4-Bromophenyl phenyl ether	ND		1.00	0.380
Hexachlorobenzene	ND		1.00	0.350
Atrazine	ND		1.00	0.420
Pentachlorophenol	ND		1.00	0.150
Phenanthrene	ND		1.00	0.375
Anthracene	ND		1.00	0.351
Carbazole	ND		1.00	0.310
Di-n-butyl phthalate	ND		1.00	0.380
Fluoranthene	ND		1.00	0.291
Pyrene	ND		1.00	0.377
Butyl benzyl phthalate	ND		1.00	0.380
3,3'-Dichlorobenzidine	ND		1.00	0.380
Benzo[a]anthracene	ND		1.00	0.380
Chrysene	ND		1.00	0.381
Bis(2-ethylhexyl) phthalate	ND		1.00	0.370
Di-n-octyl phthalate	ND		1.00	0.460
Benzo[b]fluoranthene	ND		1.00	0.590
Benzo[k]fluoranthene	ND		1.00	0.590
Benzo[a]pyrene	ND		1.00	0.470
Indeno[1,2,3-cd]pyrene	ND		1.00	0.360
Dibenz[a,h]anthracene	ND		1.00	0.430
Benzo[g,h,i]perylene	ND		1.00	0.463
Dinitrotoluene (2,4- and 2,6-)	ND		1.00	0.170

Total Target Compounds (70): 0

** - represents the total of 3+4-Methylphenol

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-016
Client ID: MW-3
Date Received: 07/18/2013
Date Extracted: 07/22/2013
Date Analyzed: 07/22/2013
Data file: B0035.D

GC/MS Column: DB-5
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Benzaldehyde	ND		1.00	0.180
Phenol	ND		1.00	0.400
Aniline	ND		1.00	0.350
Bis(2-chloroethyl) ether	ND		1.00	0.530
2-Chlorophenol	ND		1.00	0.310
2-Methylphenol	ND		1.00	0.240
Bis(2-chloroisopropyl) ether	ND		1.00	0.620
4-Methylphenol **	ND		1.00	0.380
N-Nitrosodi-n-propylamine	ND		1.00	0.400
Acetophenone	ND		1.00	0.370
Hexachloroethane	ND		1.00	0.390
Nitrobenzene	ND		1.00	0.320
Isophorone	ND		1.00	0.350
2-Nitrophenol	ND		1.00	0.220
2,4-Dimethylphenol	ND		1.00	0.350
Bis(2-chloroethoxy) methane	ND		1.00	0.470
Benzoic acid	ND		1.00	0.120
2,4-Dichlorophenol	ND		1.00	0.310
Naphthalene	37.8		1.00	0.337
4-Chloroaniline	ND		1.00	0.270
Hexachlorobutadiene	ND		1.00	0.330
Caprolactam	ND		1.00	0.430
4-Chloro-3-methylphenol	ND		1.00	0.290
2-Methylnaphthalene	17.3		1.00	0.343
Hexachlorocyclopentadiene	ND		1.00	0.100
2,4,6-Trichlorophenol	ND		1.00	0.230
2,4,5-Trichlorophenol	ND		1.00	0.270
1,1'-Biphenyl	ND		1.00	0.350
2-Chloronaphthalene	ND		1.00	0.320
2-Nitroaniline	ND		1.00	0.230
Dimethyl phthalate	ND		1.00	0.370

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-016
Client ID: MW-3
Date Received: 07/18/2013
Date Extracted: 07/22/2013
Date Analyzed: 07/22/2013
Data file: B0035.D

GC/MS Column: DB-5
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		1.00	0.170
Acenaphthylene	ND		1.00	0.292
3-Nitroaniline	ND		1.00	0.170
Acenaphthene	ND		1.00	0.347
2,4-Dinitrophenol	ND		1.00	0.190
4-Nitrophenol	ND		1.00	0.630
2,4-Dinitrotoluene	ND		1.00	0.160
Dibenzofuran	ND		1.00	0.360
Diethyl phthalate	ND		1.00	0.400
Fluorene	ND		1.00	0.311
4-Chlorophenyl phenyl ether	ND		1.00	0.390
4-Nitroaniline	ND		1.00	0.170
1,2,4,5-Tetrachlorobenzene	ND		1.00	0.330
2,3,4,6-Tetrachlorophenol	ND		1.00	0.170
4,6-Dinitro-2-methylphenol	ND		1.00	0.140
N-Nitrosodiphenylamine	ND		1.00	0.370
4-Bromophenyl phenyl ether	ND		1.00	0.380
Hexachlorobenzene	ND		1.00	0.350
Atrazine	ND		1.00	0.420
Pentachlorophenol	ND		1.00	0.150
Phenanthrene	ND		1.00	0.375
Anthracene	ND		1.00	0.351
Carbazole	ND		1.00	0.310
Di-n-butyl phthalate	ND		1.00	0.380
Fluoranthene	ND		1.00	0.291
Pyrene	ND		1.00	0.377
Butyl benzyl phthalate	ND		1.00	0.380
3,3'-Dichlorobenzidine	ND		1.00	0.380
Benzo[a]anthracene	ND		1.00	0.380
Chrysene	ND		1.00	0.381
Bis(2-ethylhexyl) phthalate	ND		1.00	0.370
Di-n-octyl phthalate	ND		1.00	0.460
Benzo[b]fluoranthene	ND		1.00	0.590
Benzo[k]fluoranthene	ND		1.00	0.590
Benzo[a]pyrene	ND		1.00	0.470
Indeno[1,2,3-cd]pyrene	ND		1.00	0.360
Dibenz[a,h]anthracene	ND		1.00	0.430
Benzo[g,h,i]perylene	ND		1.00	0.463
Dinitrotoluene (2,4- and 2,6-)	ND		1.00	0.170

Total Target Compounds (70): 55.1

** - represents the total of 3+4-Methylphenol

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-017
Client ID: MW-5
Date Received: 07/18/2013
Date Extracted: 07/22/2013
Date Analyzed: 07/22/2013
Data file: B0036.D

GC/MS Column: DB-5
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Benzaldehyde	ND		1.00	0.180
Phenol	ND		1.00	0.400
Aniline	ND		1.00	0.350
Bis(2-chloroethyl) ether	ND		1.00	0.530
2-Chlorophenol	ND		1.00	0.310
2-Methylphenol	ND		1.00	0.240
Bis(2-chloroisopropyl) ether	ND		1.00	0.620
4-Methylphenol **	ND		1.00	0.380
N-Nitrosodi-n-propylamine	ND		1.00	0.400
Acetophenone	ND		1.00	0.370
Hexachloroethane	ND		1.00	0.390
Nitrobenzene	ND		1.00	0.320
Isophorone	ND		1.00	0.350
2-Nitrophenol	ND		1.00	0.220
2,4-Dimethylphenol	ND		1.00	0.350
Bis(2-chloroethoxy) methane	ND		1.00	0.470
Benzoic acid	ND		1.00	0.120
2,4-Dichlorophenol	ND		1.00	0.310
Naphthalene	32.5		1.00	0.337
4-Chloroaniline	ND		1.00	0.270
Hexachlorobutadiene	ND		1.00	0.330
Caprolactam	ND		1.00	0.430
4-Chloro-3-methylphenol	ND		1.00	0.290
2-Methylnaphthalene	4.62		1.00	0.343
Hexachlorocyclopentadiene	ND		1.00	0.100
2,4,6-Trichlorophenol	ND		1.00	0.230
2,4,5-Trichlorophenol	ND		1.00	0.270
1,1'-Biphenyl	ND		1.00	0.350
2-Chloronaphthalene	ND		1.00	0.320
2-Nitroaniline	ND		1.00	0.230
Dimethyl phthalate	ND		1.00	0.370

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-017
Client ID: MW-5
Date Received: 07/18/2013
Date Extracted: 07/22/2013
Date Analyzed: 07/22/2013
Data file: B0036.D

GC/MS Column: DB-5
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		1.00	0.170
Acenaphthylene	ND		1.00	0.292
3-Nitroaniline	ND		1.00	0.170
Acenaphthene	ND		1.00	0.347
2,4-Dinitrophenol	ND		1.00	0.190
4-Nitrophenol	ND		1.00	0.630
2,4-Dinitrotoluene	ND		1.00	0.160
Dibenzofuran	ND		1.00	0.360
Diethyl phthalate	ND		1.00	0.400
Fluorene	ND		1.00	0.311
4-Chlorophenyl phenyl ether	ND		1.00	0.390
4-Nitroaniline	ND		1.00	0.170
1,2,4,5-Tetrachlorobenzene	ND		1.00	0.330
2,3,4,6-Tetrachlorophenol	ND		1.00	0.170
4,6-Dinitro-2-methylphenol	ND		1.00	0.140
N-Nitrosodiphenylamine	ND		1.00	0.370
4-Bromophenyl phenyl ether	ND		1.00	0.380
Hexachlorobenzene	ND		1.00	0.350
Atrazine	ND		1.00	0.420
Pentachlorophenol	ND		1.00	0.150
Phenanthrene	ND		1.00	0.375
Anthracene	ND		1.00	0.351
Carbazole	ND		1.00	0.310
Di-n-butyl phthalate	ND		1.00	0.380
Fluoranthene	ND		1.00	0.291
Pyrene	ND		1.00	0.377
Butyl benzyl phthalate	ND		1.00	0.380
3,3'-Dichlorobenzidine	ND		1.00	0.380
Benzo[a]anthracene	ND		1.00	0.380
Chrysene	ND		1.00	0.381
Bis(2-ethylhexyl) phthalate	ND		1.00	0.370
Di-n-octyl phthalate	ND		1.00	0.460
Benzo[b]fluoranthene	ND		1.00	0.590
Benzo[k]fluoranthene	ND		1.00	0.590
Benzo[a]pyrene	ND		1.00	0.470
Indeno[1,2,3-cd]pyrene	ND		1.00	0.360
Dibenz[a,h]anthracene	ND		1.00	0.430
Benzo[g,h,i]perylene	ND		1.00	0.463
Dinitrotoluene (2,4- and 2,6-)	ND		1.00	0.170

Total Target Compounds (70): 37.1

** - represents the total of 3+4-Methylphenol

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-018
Client ID: MW-8
Date Received: 07/18/2013
Date Extracted: 07/22/2013
Date Analyzed: 07/22/2013
Data file: B0037.D

GC/MS Column: DB-5
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Benzaldehyde	ND		1.00	0.180
Phenol	ND		1.00	0.400
Aniline	ND		1.00	0.350
Bis(2-chloroethyl) ether	ND		1.00	0.530
2-Chlorophenol	ND		1.00	0.310
2-Methylphenol	ND		1.00	0.240
Bis(2-chloroisopropyl) ether	ND		1.00	0.620
4-Methylphenol **	ND		1.00	0.380
N-Nitrosodi-n-propylamine	ND		1.00	0.400
Acetophenone	ND		1.00	0.370
Hexachloroethane	ND		1.00	0.390
Nitrobenzene	ND		1.00	0.320
Isophorone	ND		1.00	0.350
2-Nitrophenol	ND		1.00	0.220
2,4-Dimethylphenol	ND		1.00	0.350
Bis(2-chloroethoxy) methane	ND		1.00	0.470
Benzoic acid	ND		1.00	0.120
2,4-Dichlorophenol	ND		1.00	0.310
Naphthalene	ND		1.00	0.337
4-Chloroaniline	ND		1.00	0.270
Hexachlorobutadiene	ND		1.00	0.330
Caprolactam	ND		1.00	0.430
4-Chloro-3-methylphenol	ND		1.00	0.290
2-Methylnaphthalene	ND		1.00	0.343
Hexachlorocyclopentadiene	ND		1.00	0.100
2,4,6-Trichlorophenol	ND		1.00	0.230
2,4,5-Trichlorophenol	ND		1.00	0.270
1,1'-Biphenyl	ND		1.00	0.350
2-Chloronaphthalene	ND		1.00	0.320
2-Nitroaniline	ND		1.00	0.230
Dimethyl phthalate	ND		1.00	0.370

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-018
Client ID: MW-8
Date Received: 07/18/2013
Date Extracted: 07/22/2013
Date Analyzed: 07/22/2013
Data file: B0037.D

GC/MS Column: DB-5
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		1.00	0.170
Acenaphthylene	1.10		1.00	0.292
3-Nitroaniline	ND		1.00	0.170
Acenaphthene	5.09		1.00	0.347
2,4-Dinitrophenol	ND		1.00	0.190
4-Nitrophenol	ND		1.00	0.630
2,4-Dinitrotoluene	ND		1.00	0.160
Dibenzofuran	ND		1.00	0.360
Diethyl phthalate	ND		1.00	0.400
Fluorene	4.58		1.00	0.311
4-Chlorophenyl phenyl ether	ND		1.00	0.390
4-Nitroaniline	ND		1.00	0.170
1,2,4,5-Tetrachlorobenzene	ND		1.00	0.330
2,3,4,6-Tetrachlorophenol	ND		1.00	0.170
4,6-Dinitro-2-methylphenol	ND		1.00	0.140
N-Nitrosodiphenylamine	ND		1.00	0.370
4-Bromophenyl phenyl ether	ND		1.00	0.380
Hexachlorobenzene	ND		1.00	0.350
Atrazine	ND		1.00	0.420
Pentachlorophenol	ND		1.00	0.150
Phenanthrene	6.05		1.00	0.375
Anthracene	1.11		1.00	0.351
Carbazole	ND		1.00	0.310
Di-n-butyl phthalate	ND		1.00	0.380
Fluoranthene	1.49		1.00	0.291
Pyrene	5.77		1.00	0.377
Butyl benzyl phthalate	ND		1.00	0.380
3,3'-Dichlorobenzidine	ND		1.00	0.380
Benzo[a]anthracene	ND		1.00	0.380
Chrysene	ND		1.00	0.381
Bis(2-ethylhexyl) phthalate	ND		1.00	0.370
Di-n-octyl phthalate	ND		1.00	0.460
Benzo[b]fluoranthene	ND		1.00	0.590
Benzo[k]fluoranthene	ND		1.00	0.590
Benzo[a]pyrene	ND		1.00	0.470
Indeno[1,2,3-cd]pyrene	ND		1.00	0.360
Dibenz[a,h]anthracene	ND		1.00	0.430
Benzo[g,h,i]perylene	ND		1.00	0.463
Dinitrotoluene (2,4- and 2,6-)	ND		1.00	0.170

Total Target Compounds (70): 25.2

** - represents the total of 3+4-Methylphenol

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-019
Client ID: FIELD_BL
Date Received: 07/18/2013
Date Extracted: 07/22/2013
Date Analyzed: 07/22/2013
Data file: B0038.D

GC/MS Column: DB-5
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Benzaldehyde	ND		1.00	0.180
Phenol	ND		1.00	0.400
Aniline	ND		1.00	0.350
Bis(2-chloroethyl) ether	ND		1.00	0.530
2-Chlorophenol	ND		1.00	0.310
2-Methylphenol	ND		1.00	0.240
Bis(2-chloroisopropyl) ether	ND		1.00	0.620
4-Methylphenol **	ND		1.00	0.380
N-Nitrosodi-n-propylamine	ND		1.00	0.400
Acetophenone	ND		1.00	0.370
Hexachloroethane	ND		1.00	0.390
Nitrobenzene	ND		1.00	0.320
Isophorone	ND		1.00	0.350
2-Nitrophenol	ND		1.00	0.220
2,4-Dimethylphenol	ND		1.00	0.350
Bis(2-chloroethoxy) methane	ND		1.00	0.470
Benzoic acid	ND		1.00	0.120
2,4-Dichlorophenol	ND		1.00	0.310
Naphthalene	ND		1.00	0.337
4-Chloroaniline	ND		1.00	0.270
Hexachlorobutadiene	ND		1.00	0.330
Caprolactam	ND		1.00	0.430
4-Chloro-3-methylphenol	ND		1.00	0.290
2-Methylnaphthalene	ND		1.00	0.343
Hexachlorocyclopentadiene	ND		1.00	0.100
2,4,6-Trichlorophenol	ND		1.00	0.230
2,4,5-Trichlorophenol	ND		1.00	0.270
1,1'-Biphenyl	ND		1.00	0.350
2-Chloronaphthalene	ND		1.00	0.320
2-Nitroaniline	ND		1.00	0.230
Dimethyl phthalate	ND		1.00	0.370

INTEGRATED ANALYTICAL LABORATORIES

SEMIVOLATILE ORGANICS

Lab ID: E13-06816-019
Client ID: FIELD_BL
Date Received: 07/18/2013
Date Extracted: 07/22/2013
Date Analyzed: 07/22/2013
Data file: B0038.D

GC/MS Column: DB-5
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		1.00	0.170
Acenaphthylene	ND		1.00	0.292
3-Nitroaniline	ND		1.00	0.170
Acenaphthene	ND		1.00	0.347
2,4-Dinitrophenol	ND		1.00	0.190
4-Nitrophenol	ND		1.00	0.630
2,4-Dinitrotoluene	ND		1.00	0.160
Dibenzofuran	ND		1.00	0.360
Diethyl phthalate	ND		1.00	0.400
Fluorene	ND		1.00	0.311
4-Chlorophenyl phenyl ether	ND		1.00	0.390
4-Nitroaniline	ND		1.00	0.170
1,2,4,5-Tetrachlorobenzene	ND		1.00	0.330
2,3,4,6-Tetrachlorophenol	ND		1.00	0.170
4,6-Dinitro-2-methylphenol	ND		1.00	0.140
N-Nitrosodiphenylamine	ND		1.00	0.370
4-Bromophenyl phenyl ether	ND		1.00	0.380
Hexachlorobenzene	ND		1.00	0.350
Atrazine	ND		1.00	0.420
Pentachlorophenol	ND		1.00	0.150
Phenanthrene	ND		1.00	0.375
Anthracene	ND		1.00	0.351
Carbazole	ND		1.00	0.310
Di-n-butyl phthalate	ND		1.00	0.380
Fluoranthene	ND		1.00	0.291
Pyrene	ND		1.00	0.377
Butyl benzyl phthalate	ND		1.00	0.380
3,3'-Dichlorobenzidine	ND		1.00	0.380
Benzo[a]anthracene	ND		1.00	0.380
Chrysene	ND		1.00	0.381
Bis(2-ethylhexyl) phthalate	ND		1.00	0.370
Di-n-octyl phthalate	ND		1.00	0.460
Benzo[b]fluoranthene	ND		1.00	0.590
Benzo[k]fluoranthene	ND		1.00	0.590
Benzo[a]pyrene	ND		1.00	0.470
Indeno[1,2,3-cd]pyrene	ND		1.00	0.360
Dibenz[a,h]anthracene	ND		1.00	0.430
Benzo[g,h,i]perylene	ND		1.00	0.463
Dinitrotoluene (2,4- and 2,6-)	ND		1.00	0.170

Total Target Compounds (70): 0

** - represents the total of 3+4-Methylphenol

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKA130722-19
Client ID: PCB
Date Received: NA
Date Extracted: 07/22/2013
Date Analyzed: 07/26/2013
Data file: R2317.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	ND		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	ND		0.050	0.020

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKA130724-23
Client ID: PCB
Date Received: NA
Date Extracted: 07/24/2013
Date Analyzed: 07/25/2013
Data file: R2296.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	ND		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	ND		0.050	0.020

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS130726-12
Client ID: PCB
Date Received: NA
Date Extracted: 07/26/2013
Date Analyzed: 07/27/2013
Data file: Y0234.D

GC Column: DB-5/DB1701P
Sample wt/vol: 10.0g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.020	0.008
Aroclor-1221	ND		0.020	0.008
Aroclor-1232	ND		0.020	0.008
Aroclor-1242	ND		0.020	0.008
Aroclor-1248	ND		0.020	0.008
Aroclor-1254	ND		0.020	0.008
Aroclor-1260	ND		0.020	0.008
Aroclor-1262	ND		0.020	0.008
Aroclor-1268	ND		0.020	0.008
PCBs	ND		0.020	0.008

E13-06816

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06816-001
Client ID: S-1/0-2
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/27/2013
Data file: Y0239.D

GC Column: DB-5/DB1701P
Sample wt/vol: 10.28g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 8.60

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.021	0.00852
Aroclor-1221	ND		0.021	0.00852
Aroclor-1232	ND		0.021	0.00852
Aroclor-1242	ND		0.021	0.00852
Aroclor-1248	ND		0.021	0.00852
Aroclor-1254	ND		0.021	0.00852
Aroclor-1260	ND		0.021	0.00852
Aroclor-1262	ND		0.021	0.00852
Aroclor-1268	ND		0.021	0.00852
PCBs	ND		0.021	0.00852

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06816-002
Client ID: S-1A/9-11
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/27/2013
Data file: Y0236.D

GC Column: DB-5/DB1701P
Sample wt/vol: 10.0g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 16.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.024	0.00957
Aroclor-1221	ND		0.024	0.00957
Aroclor-1232	ND		0.024	0.00957
Aroclor-1242	ND		0.024	0.00957
Aroclor-1248	ND		0.024	0.00957
Aroclor-1254	ND		0.024	0.00957
Aroclor-1260	ND		0.024	0.00957
Aroclor-1262	ND		0.024	0.00957
Aroclor-1268	ND		0.024	0.00957
PCBs	ND		0.024	0.00957

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06816-003
Client ID: S-2/0-2
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/27/2013
Data file: Y0240.D

GC Column: DB-5/DB1701P
Sample wt/vol: 10.72g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 7.80

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.020	0.0081
Aroclor-1221	ND		0.020	0.0081
Aroclor-1232	ND		0.020	0.0081
Aroclor-1242	ND		0.020	0.0081
Aroclor-1248	ND		0.020	0.0081
Aroclor-1254	ND		0.020	0.0081
Aroclor-1260	ND		0.020	0.0081
Aroclor-1262	ND		0.020	0.0081
Aroclor-1268	ND		0.020	0.0081
PCBs	ND		0.020	0.0081

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06816-004
Client ID: S-2A/11-13
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/27/2013
Data file: Y0241.D

GC Column: DB-5/DB1701P
Sample wt/vol: 10.14g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 7.20

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.021	0.0085
Aroclor-1221	ND		0.021	0.0085
Aroclor-1232	ND		0.021	0.0085
Aroclor-1242	ND		0.021	0.0085
Aroclor-1248	ND		0.021	0.0085
Aroclor-1254	ND		0.021	0.0085
Aroclor-1260	ND		0.021	0.0085
Aroclor-1262	ND		0.021	0.0085
Aroclor-1268	ND		0.021	0.0085
PCBs	ND		0.021	0.0085

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INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06816-005
Client ID: S-3/0-2
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/27/2013
Data file: Y0242.D

GC Column: DB-5/DB1701P
Sample wt/vol: 10.10g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 8.80

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.022	0.00868
Aroclor-1221	ND		0.022	0.00868
Aroclor-1232	ND		0.022	0.00868
Aroclor-1242	ND		0.022	0.00868
Aroclor-1248	ND		0.022	0.00868
Aroclor-1254	ND		0.022	0.00868
Aroclor-1260	ND		0.022	0.00868
Aroclor-1262	ND		0.022	0.00868
Aroclor-1268	ND		0.022	0.00868
PCBs	ND		0.022	0.00868

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INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06816-006
Client ID: S-3A/8-10
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/27/2013
Data file: Y0243.D

GC Column: DB-5/DB1701P
Sample wt/vol: 10.94g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 16.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.022	0.0088
Aroclor-1221	ND		0.022	0.0088
Aroclor-1232	ND		0.022	0.0088
Aroclor-1242	ND		0.022	0.0088
Aroclor-1248	ND		0.022	0.0088
Aroclor-1254	ND		0.022	0.0088
Aroclor-1260	ND		0.022	0.0088
Aroclor-1262	ND		0.022	0.0088
Aroclor-1268	ND		0.022	0.0088
PCBs	ND		0.022	0.0088

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06816-007
Client ID: S-4/0-2
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/27/2013
Data file: Y0244.D

GC Column: DB-5/DB1701P
Sample wt/vol: 10.35g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 5.60

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.021	0.00819
Aroclor-1221	ND		0.021	0.00819
Aroclor-1232	ND		0.021	0.00819
Aroclor-1242	ND		0.021	0.00819
Aroclor-1248	ND		0.021	0.00819
Aroclor-1254	ND		0.021	0.00819
Aroclor-1260	ND		0.021	0.00819
Aroclor-1262	ND		0.021	0.00819
Aroclor-1268	ND		0.021	0.00819
PCBs	ND		0.021	0.00819

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06816-008
Client ID: S-4A/14-16
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/27/2013
Data file: Y0245.D

GC Column: DB-5/DB1701P
Sample wt/vol: 10.82g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 6.10

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.020	0.00788
Aroclor-1221	ND		0.020	0.00788
Aroclor-1232	ND		0.020	0.00788
Aroclor-1242	ND		0.020	0.00788
Aroclor-1248	ND		0.020	0.00788
Aroclor-1254	ND		0.020	0.00788
Aroclor-1260	ND		0.020	0.00788
Aroclor-1262	ND		0.020	0.00788
Aroclor-1268	ND		0.020	0.00788
PCBs	ND		0.020	0.00788

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06816-009
Client ID: S-5/0-2
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/27/2013
Data file: Y0246.D

GC Column: DB-5/DB1701P
Sample wt/vol: 10.20g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 12.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.023	0.009
Aroclor-1221	ND		0.023	0.009
Aroclor-1232	ND		0.023	0.009
Aroclor-1242	ND		0.023	0.009
Aroclor-1248	ND		0.023	0.009
Aroclor-1254	ND		0.023	0.009
Aroclor-1260	ND		0.023	0.009
Aroclor-1262	ND		0.023	0.009
Aroclor-1268	ND		0.023	0.009
PCBs	ND		0.023	0.009

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06816-010
Client ID: S-5A/11-13
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/27/2013
Data file: Y0247.D

GC Column: DB-5/DB1701P
Sample wt/vol: 10.27g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 17.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.024	0.00949
Aroclor-1221	ND		0.024	0.00949
Aroclor-1232	ND		0.024	0.00949
Aroclor-1242	ND		0.024	0.00949
Aroclor-1248	ND		0.024	0.00949
Aroclor-1254	ND		0.024	0.00949
Aroclor-1260	ND		0.024	0.00949
Aroclor-1262	ND		0.024	0.00949
Aroclor-1268	ND		0.024	0.00949
PCBs	ND		0.024	0.00949

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INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06816-011
Client ID: S-6/0-2
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/27/2013
Data file: Y0248.D

GC Column: DB-5/DB1701P
Sample wt/vol: 10.44g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 11.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.022	0.0087
Aroclor-1221	ND		0.022	0.0087
Aroclor-1232	ND		0.022	0.0087
Aroclor-1242	ND		0.022	0.0087
Aroclor-1248	ND		0.022	0.0087
Aroclor-1254	ND		0.022	0.0087
Aroclor-1260	ND		0.022	0.0087
Aroclor-1262	ND		0.022	0.0087
Aroclor-1268	ND		0.022	0.0087
PCBs	ND		0.022	0.0087

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06816-012
Client ID: S-6A/13-15
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/27/2013
Data file: Y0249.D

GC Column: DB-5/DB1701P
Sample wt/vol: 10.45g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 16.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.023	0.00917
Aroclor-1221	ND		0.023	0.00917
Aroclor-1232	ND		0.023	0.00917
Aroclor-1242	ND		0.023	0.00917
Aroclor-1248	ND		0.023	0.00917
Aroclor-1254	ND		0.023	0.00917
Aroclor-1260	ND		0.023	0.00917
Aroclor-1262	ND		0.023	0.00917
Aroclor-1268	ND		0.023	0.00917
PCBs	ND		0.023	0.00917

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INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06816-013
Client ID: S-7/0-2
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/27/2013
Data file: Y0250.D

GC Column: DB-5/DB1701P
Sample wt/vol: 10.74g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 14.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.022	0.00873
Aroclor-1221	ND		0.022	0.00873
Aroclor-1232	ND		0.022	0.00873
Aroclor-1242	ND		0.022	0.00873
Aroclor-1248	ND		0.022	0.00873
Aroclor-1254	ND		0.022	0.00873
Aroclor-1260	ND		0.022	0.00873
Aroclor-1262	ND		0.022	0.00873
Aroclor-1268	ND		0.022	0.00873
PCBs	ND		0.022	0.00873

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06816-014
Client ID: S-7A/12-14
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/27/2013
Data file: Y0251.D

GC Column: DB-5/DB1701P
Sample wt/vol: 10.47g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 15.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.023	0.00908
Aroclor-1221	ND		0.023	0.00908
Aroclor-1232	ND		0.023	0.00908
Aroclor-1242	ND		0.023	0.00908
Aroclor-1248	ND		0.023	0.00908
Aroclor-1254	ND		0.023	0.00908
Aroclor-1260	ND		0.023	0.00908
Aroclor-1262	ND		0.023	0.00908
Aroclor-1268	ND		0.023	0.00908
PCBs	ND		0.023	0.00908

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06816-015
Client ID: MW-1
Date Received: 07/18/2013
Date Extracted: 07/24/2013
Date Analyzed: 07/25/2013
Data file: R2297.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	ND		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	ND		0.050	0.020

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INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06816-016
Client ID: MW-3
Date Received: 07/18/2013
Date Extracted: 07/24/2013
Date Analyzed: 07/25/2013
Data file: R2298.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	ND		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	ND		0.050	0.020

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INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06816-017
Client ID: MW-5
Date Received: 07/18/2013
Date Extracted: 07/24/2013
Date Analyzed: 07/25/2013
Data file: R2299.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	ND		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	ND		0.050	0.020

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INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06816-018
Client ID: MW-8
Date Received: 07/18/2013
Date Extracted: 07/24/2013
Date Analyzed: 07/25/2013
Data file: R2300.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	ND		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	ND		0.050	0.020

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INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06816-019
Client ID: FIELD_BLAN
Date Received: 07/18/2013
Date Extracted: 07/24/2013
Date Analyzed: 07/25/2013
Data file: R2301.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	ND		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	ND		0.050	0.020

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INTEGRATED ANALYTICAL LABORATORIES

PESTICIDES

Lab ID: BLKA130724-23
Client ID: Pest
Date Received: NA
Date Extracted: 07/24/2013
Date Analyzed: 07/26/2013
Data file: O2719.D

GC Column: RTX-CLP1/CLP2
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
alpha-BHC	ND		0.010	0.005
beta-BHC	ND		0.010	0.005
gamma-BHC (Lindane)	ND		0.010	0.005
delta-BHC	ND		0.010	0.005
Heptachlor	ND		0.010	0.005
Aldrin	ND		0.010	0.005
Heptachlor epoxide	ND		0.010	0.005
Endosulfan I	ND		0.010	0.005
4,4'-DDE	ND		0.010	0.005
Dieldrin	ND		0.010	0.005
Endrin	ND		0.010	0.005
Endosulfan II	ND		0.010	0.005
4,4'-DDD	ND		0.010	0.005
Endrin aldehyde	ND		0.010	0.005
Endosulfan sulfate	ND		0.010	0.005
4,4'-DDT	ND		0.010	0.005
Endrin ketone	ND		0.010	0.005
Methoxychlor	ND		0.010	0.005
alpha-Chlordane	ND		0.010	0.005
gamma-Chlordane	ND		0.010	0.005
Toxaphene	ND		0.125	0.060
Endosulfan (I and II)	ND		0.010	0.005
Chlordane (alpha and gamma)	ND		0.010	0.005

INTEGRATED ANALYTICAL LABORATORIES

PESTICIDES

Lab ID: BLKA130722-19
Client ID: Pest
Date Received: NA
Date Extracted: 07/22/2013
Date Analyzed: 07/26/2013
Data file: O2728.D

GC Column: RTX-CLP1/CLP2
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
alpha-BHC	ND		0.010	0.005
beta-BHC	ND		0.010	0.005
gamma-BHC (Lindane)	ND		0.010	0.005
delta-BHC	ND		0.010	0.005
Heptachlor	ND		0.010	0.005
Aldrin	ND		0.010	0.005
Heptachlor epoxide	ND		0.010	0.005
Endosulfan I	ND		0.010	0.005
4,4'-DDE	ND		0.010	0.005
Dieldrin	ND		0.010	0.005
Endrin	ND		0.010	0.005
Endosulfan II	ND		0.010	0.005
4,4'-DDD	ND		0.010	0.005
Endrin aldehyde	ND		0.010	0.005
Endosulfan sulfate	ND		0.010	0.005
4,4'-DDT	ND		0.010	0.005
Endrin ketone	ND		0.010	0.005
Methoxychlor	ND		0.010	0.005
alpha-Chlordane	ND		0.010	0.005
gamma-Chlordane	ND		0.010	0.005
Toxaphene	ND		0.125	0.060
Endosulfan (I and II)	ND		0.010	0.005
Chlordane (alpha and gamma)	ND		0.010	0.005

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INTEGRATED ANALYTICAL LABORATORIES

PESTICIDES

Lab ID: BLKS130726-12
Client ID: Pest
Date Received: NA
Date Extracted: 07/26/2013
Date Analyzed: 07/29/2013
Data file: V3931.D

GC Column: RTX-CLP1/CLP2
Sample wt/vol: 10.0g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
alpha-BHC	ND		0.004	0.002
beta-BHC	ND		0.004	0.002
gamma-BHC (Lindane)	ND		0.004	0.002
delta-BHC	ND		0.004	0.002
Heptachlor	ND		0.004	0.002
Aldrin	ND		0.004	0.002
Heptachlor epoxide	ND		0.004	0.002
Endosulfan I	ND		0.004	0.002
4,4'-DDE	ND		0.004	0.002
Dieldrin	ND		0.004	0.002
Endrin	ND		0.004	0.002
Endosulfan II	ND		0.004	0.002
4,4'-DDD	ND		0.004	0.002
Endrin aldehyde	ND		0.004	0.002
Endosulfan sulfate	ND		0.004	0.002
4,4'-DDT	ND		0.004	0.002
Endrin ketone	ND		0.004	0.002
Methoxychlor	ND		0.004	0.002
alpha-Chlordane	ND		0.004	0.002
gamma-Chlordane	ND		0.004	0.002
Toxaphene	ND		0.050	0.024
Endosulfan (I and II)	ND		0.004	0.002
Chlordane (alpha and gamma)	ND		0.004	0.002

INTEGRATED ANALYTICAL LABORATORIES

PESTICIDES

Lab ID: 06816-001
Client ID: S-1/0-2
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/29/2013
Data file: V3932.D

GC Column: RTX-CLP1/CLP2
Sample wt/vol: 10.28g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 8.60

Compound	Concentration	Q	RL	MDL
alpha-BHC	ND		0.00426	0.00213
beta-BHC	ND		0.00426	0.00213
gamma-BHC (Lindane)	ND		0.00426	0.00213
delta-BHC	ND		0.00426	0.00213
Heptachlor	ND		0.00426	0.00213
Aldrin	ND		0.00426	0.00213
Heptachlor epoxide	ND		0.00426	0.00213
Endosulfan I	ND		0.00426	0.00213
4,4'-DDE	ND		0.00426	0.00213
Dieldrin	ND		0.00426	0.00213
Endrin	ND		0.00426	0.00213
Endosulfan II	ND		0.00426	0.00213
4,4'-DDD	ND		0.00426	0.00213
Endrin aldehyde	ND		0.00426	0.00213
Endosulfan sulfate	ND		0.00426	0.00213
4,4'-DDT	ND		0.00426	0.00213
Endrin ketone	ND		0.00426	0.00213
Methoxychlor	ND		0.00426	0.00213
alpha-Chlordane	ND		0.00426	0.00213
gamma-Chlordane	ND		0.00426	0.00213
Toxaphene	ND		0.053	0.025
Endosulfan (I and II)	ND		0.00426	0.00213
Chlordane (alpha and gamma)	ND		0.00426	0.00213

INTEGRATED ANALYTICAL LABORATORIES

PESTICIDES

Lab ID: 06816-002
Client ID: S-1A/9-11
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/29/2013
Data file: V3933.D

GC Column: RTX-CLP1/CLP2
Sample wt/vol: 10.0g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 16.4

Compound	Concentration	Q	RL	MDL
alpha-BHC	ND		0.00478	0.00239
beta-BHC	ND		0.00478	0.00239
gamma-BHC (Lindane)	ND		0.00478	0.00239
delta-BHC	ND		0.00478	0.00239
Heptachlor	ND		0.00478	0.00239
Aldrin	ND		0.00478	0.00239
Heptachlor epoxide	ND		0.00478	0.00239
Endosulfan I	ND		0.00478	0.00239
4,4'-DDE	ND		0.00478	0.00239
Dieldrin	ND		0.00478	0.00239
Endrin	ND		0.00478	0.00239
Endosulfan II	ND		0.00478	0.00239
4,4'-DDD	ND		0.00478	0.00239
Endrin aldehyde	ND		0.00478	0.00239
Endosulfan sulfate	ND		0.00478	0.00239
4,4'-DDT	ND		0.00478	0.00239
Endrin ketone	ND		0.00478	0.00239
Methoxychlor	ND		0.00478	0.00239
alpha-Chlordane	ND		0.00478	0.00239
gamma-Chlordane	ND		0.00478	0.00239
Toxaphene	ND		0.060	0.029
Endosulfan (I and II)	ND		0.00478	0.00239
Chlordane (alpha and gamma)	ND		0.00478	0.00239

INTEGRATED ANALYTICAL LABORATORIES

PESTICIDES

Lab ID: 06816-003
Client ID: S-2/0-2
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/29/2013
Data file: V3934.D

GC Column: RTX-CLP1/CLP2
Sample wt/vol: 10.72g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 7.80

Compound	Concentration	Q	RL	MDL
alpha-BHC	ND		0.00405	0.00202
beta-BHC	ND		0.00405	0.00202
gamma-BHC (Lindane)	ND		0.00405	0.00202
delta-BHC	ND		0.00405	0.00202
Heptachlor	ND		0.00405	0.00202
Aldrin	ND		0.00405	0.00202
Heptachlor epoxide	ND		0.00405	0.00202
Endosulfan I	ND		0.00405	0.00202
4,4'-DDE	ND		0.00405	0.00202
Dieldrin	ND		0.00405	0.00202
Endrin	ND		0.00405	0.00202
Endosulfan II	ND		0.00405	0.00202
4,4'-DDD	ND		0.00405	0.00202
Endrin aldehyde	ND		0.00405	0.00202
Endosulfan sulfate	ND		0.00405	0.00202
4,4'-DDT	ND		0.00405	0.00202
Endrin ketone	ND		0.00405	0.00202
Methoxychlor	ND		0.00405	0.00202
alpha-Chlordane	ND		0.00405	0.00202
gamma-Chlordane	ND		0.00405	0.00202
Toxaphene	ND		0.051	0.024
Endosulfan (I and II)	ND		0.00405	0.00202
Chlordane (alpha and gamma)	ND		0.00405	0.00202

INTEGRATED ANALYTICAL LABORATORIES

PESTICIDES

Lab ID: 06816-004
Client ID: S-2A/11-13
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/29/2013
Data file: V3935.D

GC Column: RTX-CLP1/CLP2
Sample wt/vol: 10.14g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 7.20

Compound	Concentration	Q	RL	MDL
alpha-BHC	ND		0.00425	0.00213
beta-BHC	ND		0.00425	0.00213
gamma-BHC (Lindane)	ND		0.00425	0.00213
delta-BHC	ND		0.00425	0.00213
Heptachlor	ND		0.00425	0.00213
Aldrin	ND		0.00425	0.00213
Heptachlor epoxide	ND		0.00425	0.00213
Endosulfan I	ND		0.00425	0.00213
4,4'-DDE	ND		0.00425	0.00213
Dieldrin	ND		0.00425	0.00213
Endrin	ND		0.00425	0.00213
Endosulfan II	ND		0.00425	0.00213
4,4'-DDD	ND		0.00425	0.00213
Endrin aldehyde	ND		0.00425	0.00213
Endosulfan sulfate	ND		0.00425	0.00213
4,4'-DDT	ND		0.00425	0.00213
Endrin ketone	ND		0.00425	0.00213
Methoxychlor	ND		0.00425	0.00213
alpha-Chlordane	ND		0.00425	0.00213
gamma-Chlordane	ND		0.00425	0.00213
Toxaphene	ND		0.053	0.025
Endosulfan (I and II)	ND		0.00425	0.00213
Chlordane (alpha and gamma)	ND		0.00425	0.00213

INTEGRATED ANALYTICAL LABORATORIES

PESTICIDES

Lab ID: 06816-005
Client ID: S-3/0-2
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/29/2013
Data file: V3936.D

GC Column: RTX-CLP1/CLP2
Sample wt/vol: 10.10g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 8.80

Compound	Concentration	Q	RL	MDL
alpha-BHC	ND		0.00434	0.00217
beta-BHC	ND		0.00434	0.00217
gamma-BHC (Lindane)	ND		0.00434	0.00217
delta-BHC	ND		0.00434	0.00217
Heptachlor	ND		0.00434	0.00217
Aldrin	ND		0.00434	0.00217
Heptachlor epoxide	ND		0.00434	0.00217
Endosulfan I	ND		0.00434	0.00217
4,4'-DDE	ND		0.00434	0.00217
Dieldrin	ND		0.00434	0.00217
Endrin	ND		0.00434	0.00217
Endosulfan II	ND		0.00434	0.00217
4,4'-DDD	ND		0.00434	0.00217
Endrin aldehyde	ND		0.00434	0.00217
Endosulfan sulfate	ND		0.00434	0.00217
4,4'-DDT	ND		0.00434	0.00217
Endrin ketone	ND		0.00434	0.00217
Methoxychlor	ND		0.00434	0.00217
alpha-Chlordane	ND		0.00434	0.00217
gamma-Chlordane	ND		0.00434	0.00217
Toxaphene	ND		0.054	0.026
Endosulfan (I and II)	ND		0.00434	0.00217
Chlordane (alpha and gamma)	ND		0.00434	0.00217

INTEGRATED ANALYTICAL LABORATORIES

PESTICIDES

Lab ID: 06816-006
Client ID: S-3A/8-10
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/29/2013
Data file: V3937.D

GC Column: RTX-CLP1/CLP2
Sample wt/vol: 10.94g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 16.9

Compound	Concentration	Q	RL	MDL
alpha-BHC	ND		0.0044	0.0022
beta-BHC	ND		0.0044	0.0022
gamma-BHC (Lindane)	ND		0.0044	0.0022
delta-BHC	ND		0.0044	0.0022
Heptachlor	ND		0.0044	0.0022
Aldrin	ND		0.0044	0.0022
Heptachlor epoxide	ND		0.0044	0.0022
Endosulfan I	ND		0.0044	0.0022
4,4'-DDE	ND		0.0044	0.0022
Dieldrin	ND		0.0044	0.0022
Endrin	ND		0.0044	0.0022
Endosulfan II	ND		0.0044	0.0022
4,4'-DDD	ND		0.0044	0.0022
Endrin aldehyde	ND		0.0044	0.0022
Endosulfan sulfate	ND		0.0044	0.0022
4,4'-DDT	ND		0.0044	0.0022
Endrin ketone	ND		0.0044	0.0022
Methoxychlor	ND		0.0044	0.0022
alpha-Chlordane	ND		0.0044	0.0022
gamma-Chlordane	ND		0.0044	0.0022
Toxaphene	ND		0.055	0.026
Endosulfan (I and II)	ND		0.0044	0.0022
Chlordane (alpha and gamma)	ND		0.0044	0.0022

INTEGRATED ANALYTICAL LABORATORIES

PESTICIDES

Lab ID: 06816-007
Client ID: S-4/0-2
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/29/2013
Data file: V3938.D

GC Column: RTX-CLP1/CLP2
Sample wt/vol: 10.35g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 5.60

Compound	Concentration	Q	RL	MDL
alpha-BHC	ND		0.00409	0.00205
beta-BHC	ND		0.00409	0.00205
gamma-BHC (Lindane)	ND		0.00409	0.00205
delta-BHC	ND		0.00409	0.00205
Heptachlor	ND		0.00409	0.00205
Aldrin	ND		0.00409	0.00205
Heptachlor epoxide	ND		0.00409	0.00205
Endosulfan I	ND		0.00409	0.00205
4,4'-DDE	ND		0.00409	0.00205
Dieldrin	ND		0.00409	0.00205
Endrin	ND		0.00409	0.00205
Endosulfan II	ND		0.00409	0.00205
4,4'-DDD	ND		0.00409	0.00205
Endrin aldehyde	ND		0.00409	0.00205
Endosulfan sulfate	ND		0.00409	0.00205
4,4'-DDT	ND		0.00409	0.00205
Endrin ketone	ND		0.00409	0.00205
Methoxychlor	ND		0.00409	0.00205
alpha-Chlordane	ND		0.00409	0.00205
gamma-Chlordane	ND		0.00409	0.00205
Toxaphene	ND		0.051	0.025
Endosulfan (I and II)	ND		0.00409	0.00205
Chlordane (alpha and gamma)	ND		0.00409	0.00205

INTEGRATED ANALYTICAL LABORATORIES

PESTICIDES

Lab ID: 06816-008
Client ID: S-4A/14-16
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/29/2013
Data file: V3939.D

GC Column: RTX-CLP1/CLP2
Sample wt/vol: 10.82g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 6.10

Compound	Concentration	Q	RL	MDL
alpha-BHC	ND		0.00394	0.00197
beta-BHC	ND		0.00394	0.00197
gamma-BHC (Lindane)	ND		0.00394	0.00197
delta-BHC	ND		0.00394	0.00197
Heptachlor	ND		0.00394	0.00197
Aldrin	ND		0.00394	0.00197
Heptachlor epoxide	ND		0.00394	0.00197
Endosulfan I	ND		0.00394	0.00197
4,4'-DDE	ND		0.00394	0.00197
Dieldrin	ND		0.00394	0.00197
Endrin	ND		0.00394	0.00197
Endosulfan II	ND		0.00394	0.00197
4,4'-DDD	ND		0.00394	0.00197
Endrin aldehyde	ND		0.00394	0.00197
Endosulfan sulfate	ND		0.00394	0.00197
4,4'-DDT	ND		0.00394	0.00197
Endrin ketone	ND		0.00394	0.00197
Methoxychlor	ND		0.00394	0.00197
alpha-Chlordane	ND		0.00394	0.00197
gamma-Chlordane	ND		0.00394	0.00197
Toxaphene	ND		0.049	0.024
Endosulfan (I and II)	ND		0.00394	0.00197
Chlordane (alpha and gamma)	ND		0.00394	0.00197

INTEGRATED ANALYTICAL LABORATORIES

PESTICIDES

Lab ID: 06816-009
Client ID: S-5/0-2
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/29/2013
Data file: V3940.D

GC Column: RTX-CLP1/CLP2
Sample wt/vol: 10.20g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 12.9

Compound	Concentration	Q	RL	MDL
alpha-BHC	ND		0.0045	0.00225
beta-BHC	ND		0.0045	0.00225
gamma-BHC (Lindane)	ND		0.0045	0.00225
delta-BHC	ND		0.0045	0.00225
Heptachlor	ND		0.0045	0.00225
Aldrin	ND		0.0045	0.00225
Heptachlor epoxide	ND		0.0045	0.00225
Endosulfan I	ND		0.0045	0.00225
4,4'-DDE	ND		0.0045	0.00225
Dieldrin	ND		0.0045	0.00225
Endrin	ND		0.0045	0.00225
Endosulfan II	ND		0.0045	0.00225
4,4'-DDD	ND		0.0045	0.00225
Endrin aldehyde	ND		0.0045	0.00225
Endosulfan sulfate	ND		0.0045	0.00225
4,4'-DDT	ND		0.0045	0.00225
Endrin ketone	ND		0.0045	0.00225
Methoxychlor	ND		0.0045	0.00225
alpha-Chlordane	ND		0.0045	0.00225
gamma-Chlordane	ND		0.0045	0.00225
Toxaphene	ND		0.056	0.027
Endosulfan (I and II)	ND		0.0045	0.00225
Chlordane (alpha and gamma)	ND		0.0045	0.00225

INTEGRATED ANALYTICAL LABORATORIES

PESTICIDES

Lab ID: 06816-010
Client ID: S-5A/11-13
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/29/2013
Data file: V3941.D

GC Column: RTX-CLP1/CLP2
Sample wt/vol: 10.27g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 17.9

Compound	Concentration	Q	RL	MDL
alpha-BHC	ND		0.00474	0.00237
beta-BHC	ND		0.00474	0.00237
gamma-BHC (Lindane)	ND		0.00474	0.00237
delta-BHC	ND		0.00474	0.00237
Heptachlor	ND		0.00474	0.00237
Aldrin	ND		0.00474	0.00237
Heptachlor epoxide	ND		0.00474	0.00237
Endosulfan I	ND		0.00474	0.00237
4,4'-DDE	ND		0.00474	0.00237
Dieldrin	ND		0.00474	0.00237
Endrin	ND		0.00474	0.00237
Endosulfan II	ND		0.00474	0.00237
4,4'-DDD	ND		0.00474	0.00237
Endrin aldehyde	ND		0.00474	0.00237
Endosulfan sulfate	ND		0.00474	0.00237
4,4'-DDT	ND		0.00474	0.00237
Endrin ketone	ND		0.00474	0.00237
Methoxychlor	ND		0.00474	0.00237
alpha-Chlordane	ND		0.00474	0.00237
gamma-Chlordane	ND		0.00474	0.00237
Toxaphene	ND		0.059	0.029
Endosulfan (I and II)	ND		0.00474	0.00237
Chlordane (alpha and gamma)	ND		0.00474	0.00237

INTEGRATED ANALYTICAL LABORATORIES

PESTICIDES

Lab ID: 06816-011
Client ID: S-6/0-2
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/29/2013
Data file: V3942.D

GC Column: RTX-CLP1/CLP2
Sample wt/vol: 10.44g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 11.9

Compound	Concentration	Q	RL	MDL
alpha-BHC	ND		0.00435	0.00217
beta-BHC	ND		0.00435	0.00217
gamma-BHC (Lindane)	ND		0.00435	0.00217
delta-BHC	ND		0.00435	0.00217
Heptachlor	ND		0.00435	0.00217
Aldrin	ND		0.00435	0.00217
Heptachlor epoxide	ND		0.00435	0.00217
Endosulfan I	ND		0.00435	0.00217
4,4'-DDE	ND		0.00435	0.00217
Dieldrin	ND		0.00435	0.00217
Endrin	ND		0.00435	0.00217
Endosulfan II	ND		0.00435	0.00217
4,4'-DDD	ND		0.00435	0.00217
Endrin aldehyde	ND		0.00435	0.00217
Endosulfan sulfate	ND		0.00435	0.00217
4,4'-DDT	ND		0.00435	0.00217
Endrin ketone	ND		0.00435	0.00217
Methoxychlor	ND		0.00435	0.00217
alpha-Chlordane	ND		0.00435	0.00217
gamma-Chlordane	ND		0.00435	0.00217
Toxaphene	ND		0.054	0.026
Endosulfan (I and II)	ND		0.00435	0.00217
Chlordane (alpha and gamma)	ND		0.00435	0.00217

INTEGRATED ANALYTICAL LABORATORIES

PESTICIDES

Lab ID: 06816-012
Client ID: S-6A/13-15
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/29/2013
Data file: V3943.D

GC Column: RTX-CLP1/CLP2
Sample wt/vol: 10.45g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 16.5

Compound	Concentration	Q	RL	MDL
alpha-BHC	ND		0.00458	0.00229
beta-BHC	ND		0.00458	0.00229
gamma-BHC (Lindane)	ND		0.00458	0.00229
delta-BHC	ND		0.00458	0.00229
Heptachlor	ND		0.00458	0.00229
Aldrin	ND		0.00458	0.00229
Heptachlor epoxide	ND		0.00458	0.00229
Endosulfan I	ND		0.00458	0.00229
4,4'-DDE	ND		0.00458	0.00229
Dieldrin	ND		0.00458	0.00229
Endrin	ND		0.00458	0.00229
Endosulfan II	ND		0.00458	0.00229
4,4'-DDD	ND		0.00458	0.00229
Endrin aldehyde	ND		0.00458	0.00229
Endosulfan sulfate	ND		0.00458	0.00229
4,4'-DDT	ND		0.00458	0.00229
Endrin ketone	ND		0.00458	0.00229
Methoxychlor	ND		0.00458	0.00229
alpha-Chlordane	ND		0.00458	0.00229
gamma-Chlordane	ND		0.00458	0.00229
Toxaphene	ND		0.057	0.027
Endosulfan (I and II)	ND		0.00458	0.00229
Chlordane (alpha and gamma)	ND		0.00458	0.00229

INTEGRATED ANALYTICAL LABORATORIES

PESTICIDES

Lab ID: 06816-013
Client ID: S-7/0-2
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/29/2013
Data file: V3944.D

GC Column: RTX-CLP1/CLP2
Sample wt/vol: 10.74g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 14.7

Compound	Concentration	Q	RL	MDL
alpha-BHC	ND		0.00437	0.00218
beta-BHC	ND		0.00437	0.00218
gamma-BHC (Lindane)	ND		0.00437	0.00218
delta-BHC	ND		0.00437	0.00218
Heptachlor	ND		0.00437	0.00218
Aldrin	ND		0.00437	0.00218
Heptachlor epoxide	ND		0.00437	0.00218
Endosulfan I	ND		0.00437	0.00218
4,4'-DDE	ND		0.00437	0.00218
Dieldrin	ND		0.00437	0.00218
Endrin	ND		0.00437	0.00218
Endosulfan II	ND		0.00437	0.00218
4,4'-DDD	ND		0.00437	0.00218
Endrin aldehyde	ND		0.00437	0.00218
Endosulfan sulfate	ND		0.00437	0.00218
4,4'-DDT	ND		0.00437	0.00218
Endrin ketone	ND		0.00437	0.00218
Methoxychlor	ND		0.00437	0.00218
alpha-Chlordane	ND		0.00437	0.00218
gamma-Chlordane	ND		0.00437	0.00218
Toxaphene	ND		0.055	0.026
Endosulfan (I and II)	ND		0.00437	0.00218
Chlordane (alpha and gamma)	ND		0.00437	0.00218

INTEGRATED ANALYTICAL LABORATORIES

PESTICIDES

Lab ID: 06816-014
Client ID: S-7A/12-14
Date Received: 07/18/2013
Date Extracted: 07/26/2013
Date Analyzed: 07/29/2013
Data file: V3945.D

GC Column: RTX-CLP1/CLP2
Sample wt/vol: 10.47g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 15.9

Compound	Concentration	Q	RL	MDL
alpha-BHC	ND		0.00454	0.00227
beta-BHC	ND		0.00454	0.00227
gamma-BHC (Lindane)	ND		0.00454	0.00227
delta-BHC	ND		0.00454	0.00227
Heptachlor	ND		0.00454	0.00227
Aldrin	ND		0.00454	0.00227
Heptachlor epoxide	ND		0.00454	0.00227
Endosulfan I	ND		0.00454	0.00227
4,4'-DDE	ND		0.00454	0.00227
Dieldrin	ND		0.00454	0.00227
Endrin	ND		0.00454	0.00227
Endosulfan II	ND		0.00454	0.00227
4,4'-DDD	ND		0.00454	0.00227
Endrin aldehyde	ND		0.00454	0.00227
Endosulfan sulfate	ND		0.00454	0.00227
4,4'-DDT	ND		0.00454	0.00227
Endrin ketone	ND		0.00454	0.00227
Methoxychlor	ND		0.00454	0.00227
alpha-Chlordane	ND		0.00454	0.00227
gamma-Chlordane	ND		0.00454	0.00227
Toxaphene	ND		0.057	0.027
Endosulfan (I and II)	ND		0.00454	0.00227
Chlordane (alpha and gamma)	ND		0.00454	0.00227

INTEGRATED ANALYTICAL LABORATORIES

PESTICIDES

Lab ID: 06816-015
Client ID: MW-1
Date Received: 07/18/2013
Date Extracted: 07/24/2013
Date Analyzed: 07/26/2013
Data file: O2720.D

GC Column: RTX-CLP1/CLP2
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
alpha-BHC	ND		0.010	0.005
beta-BHC	ND		0.010	0.005
gamma-BHC (Lindane)	ND		0.010	0.005
delta-BHC	ND		0.010	0.005
Heptachlor	ND		0.010	0.005
Aldrin	ND		0.010	0.005
Heptachlor epoxide	ND		0.010	0.005
Endosulfan I	ND		0.010	0.005
4,4'-DDE	ND		0.010	0.005
Dieldrin	ND		0.010	0.005
Endrin	ND		0.010	0.005
Endosulfan II	ND		0.010	0.005
4,4'-DDD	ND		0.010	0.005
Endrin aldehyde	ND		0.010	0.005
Endosulfan sulfate	ND		0.010	0.005
4,4'-DDT	ND		0.010	0.005
Endrin ketone	ND		0.010	0.005
Methoxychlor	ND		0.010	0.005
alpha-Chlordane	ND		0.010	0.005
gamma-Chlordane	ND		0.010	0.005
Toxaphene	ND		0.125	0.060
Endosulfan (I and II)	ND		0.010	0.005
Chlordane (alpha and gamma)	ND		0.010	0.005

INTEGRATED ANALYTICAL LABORATORIES

PESTICIDES

Lab ID: 06816-016
Client ID: MW-3
Date Received: 07/18/2013
Date Extracted: 07/24/2013
Date Analyzed: 07/26/2013
Data file: O2721.D

GC Column: RTX-CLP1/CLP2
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
alpha-BHC	ND		0.010	0.005
beta-BHC	ND		0.010	0.005
gamma-BHC (Lindane)	ND		0.010	0.005
delta-BHC	ND		0.010	0.005
Heptachlor	ND		0.010	0.005
Aldrin	ND		0.010	0.005
Heptachlor epoxide	ND		0.010	0.005
Endosulfan I	ND		0.010	0.005
4,4'-DDE	ND		0.010	0.005
Dieldrin	ND		0.010	0.005
Endrin	ND		0.010	0.005
Endosulfan II	ND		0.010	0.005
4,4'-DDD	ND		0.010	0.005
Endrin aldehyde	ND		0.010	0.005
Endosulfan sulfate	ND		0.010	0.005
4,4'-DDT	ND		0.010	0.005
Endrin ketone	ND		0.010	0.005
Methoxychlor	ND		0.010	0.005
alpha-Chlordane	ND		0.010	0.005
gamma-Chlordane	ND		0.010	0.005
Toxaphene	ND		0.125	0.060
Endosulfan (I and II)	ND		0.010	0.005
Chlordane (alpha and gamma)	ND		0.010	0.005

INTEGRATED ANALYTICAL LABORATORIES

PESTICIDES

Lab ID: 06816-017
Client ID: MW-5
Date Received: 07/18/2013
Date Extracted: 07/24/2013
Date Analyzed: 07/26/2013
Data file: O2722.D

GC Column: RTX-CLP1/CLP2
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
alpha-BHC	ND		0.010	0.005
beta-BHC	ND		0.010	0.005
gamma-BHC (Lindane)	ND		0.010	0.005
delta-BHC	ND		0.010	0.005
Heptachlor	ND		0.010	0.005
Aldrin	ND		0.010	0.005
Heptachlor epoxide	ND		0.010	0.005
Endosulfan I	ND		0.010	0.005
4,4'-DDE	ND		0.010	0.005
Dieldrin	ND		0.010	0.005
Endrin	ND		0.010	0.005
Endosulfan II	ND		0.010	0.005
4,4'-DDD	ND		0.010	0.005
Endrin aldehyde	ND		0.010	0.005
Endosulfan sulfate	ND		0.010	0.005
4,4'-DDT	ND		0.010	0.005
Endrin ketone	ND		0.010	0.005
Methoxychlor	ND		0.010	0.005
alpha-Chlordane	ND		0.010	0.005
gamma-Chlordane	ND		0.010	0.005
Toxaphene	ND		0.125	0.060
Endosulfan (I and II)	ND		0.010	0.005
Chlordane (alpha and gamma)	ND		0.010	0.005

INTEGRATED ANALYTICAL LABORATORIES

PESTICIDES

Lab ID: 06816-018
Client ID: MW-8
Date Received: 07/18/2013
Date Extracted: 07/24/2013
Date Analyzed: 07/26/2013
Data file: O2723.D

GC Column: RTX-CLP1/CLP2
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
alpha-BHC	ND		0.010	0.005
beta-BHC	ND		0.010	0.005
gamma-BHC (Lindane)	ND		0.010	0.005
delta-BHC	ND		0.010	0.005
Heptachlor	ND		0.010	0.005
Aldrin	ND		0.010	0.005
Heptachlor epoxide	ND		0.010	0.005
Endosulfan I	ND		0.010	0.005
4,4'-DDE	ND		0.010	0.005
Dieldrin	ND		0.010	0.005
Endrin	ND		0.010	0.005
Endosulfan II	ND		0.010	0.005
4,4'-DDD	ND		0.010	0.005
Endrin aldehyde	ND		0.010	0.005
Endosulfan sulfate	ND		0.010	0.005
4,4'-DDT	ND		0.010	0.005
Endrin ketone	ND		0.010	0.005
Methoxychlor	ND		0.010	0.005
alpha-Chlordane	ND		0.010	0.005
gamma-Chlordane	ND		0.010	0.005
Toxaphene	ND		0.125	0.060
Endosulfan (I and II)	ND		0.010	0.005
Chlordane (alpha and gamma)	ND		0.010	0.005

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INTEGRATED ANALYTICAL LABORATORIES

PESTICIDES

Lab ID: 06816-019
Client ID: FIELD_BLAN
Date Received: 07/18/2013
Date Extracted: 07/24/2013
Date Analyzed: 07/26/2013
Data file: O2724.D

GC Column: RTX-CLP1/CLP2
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
alpha-BHC	ND		0.010	0.005
beta-BHC	ND		0.010	0.005
gamma-BHC (Lindane)	ND		0.010	0.005
delta-BHC	ND		0.010	0.005
Heptachlor	ND		0.010	0.005
Aldrin	ND		0.010	0.005
Heptachlor epoxide	ND		0.010	0.005
Endosulfan I	ND		0.010	0.005
4,4'-DDE	ND		0.010	0.005
Dieldrin	ND		0.010	0.005
Endrin	ND		0.010	0.005
Endosulfan II	ND		0.010	0.005
4,4'-DDD	ND		0.010	0.005
Endrin aldehyde	ND		0.010	0.005
Endosulfan sulfate	ND		0.010	0.005
4,4'-DDT	ND		0.010	0.005
Endrin ketone	ND		0.010	0.005
Methoxychlor	ND		0.010	0.005
alpha-Chlordane	ND		0.010	0.005
gamma-Chlordane	ND		0.010	0.005
Toxaphene	ND		0.125	0.060
Endosulfan (I and II)	ND		0.010	0.005
Chlordane (alpha and gamma)	ND		0.010	0.005

INTEGRATED ANALYTICAL LABORATORIES

HERBICIDES

Lab ID: BLKA130724-22
Client ID: Herb
Date Received: NA
Date Extracted: 07/24/2013
Date Analyzed: 07/26/2013
Data file: W0043.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Dalapon	ND		0.250	0.100
Dicamba	ND		0.250	0.100
2,4-D	ND		0.250	0.100
2,4,5-TP (Silvex)	ND		0.250	0.100
2,4,5-T	ND		0.250	0.100
2,4-DB	ND		0.250	0.100
Dinoseb	ND		0.250	0.100

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INTEGRATED ANALYTICAL LABORATORIES

HERBICIDES

Lab ID: 06816-015
Client ID: MW-1
Date Received: 07/18/2013
Date Extracted: 07/24/2013
Date Analyzed: 07/26/2013
Data file: W0045.D

GC Column: DB-5/DB1701P
Sample wt/vol: 800.0ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
2,4-D	ND		0.300	0.120
2,4,5-T	ND		0.300	0.120

INTEGRATED ANALYTICAL LABORATORIES

HERBICIDES

Lab ID: 06816-016
Client ID: MW-3
Date Received: 07/18/2013
Date Extracted: 07/24/2013
Date Analyzed: 07/26/2013
Data file: W0048.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
2,4-D	ND		0.250	0.100
2,4,5-T	ND		0.250	0.100

INTEGRATED ANALYTICAL LABORATORIES

HERBICIDES

Lab ID: 06816-017
Client ID: MW-5
Date Received: 07/18/2013
Date Extracted: 07/24/2013
Date Analyzed: 07/26/2013
Data file: W0049.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
2,4-D	ND		0.250	0.100
2,4,5-T	ND		0.250	0.100

INTEGRATED ANALYTICAL LABORATORIES

HERBICIDES

Lab ID: 06816-018
Client ID: MW-8
Date Received: 07/18/2013
Date Extracted: 07/24/2013
Date Analyzed: 07/26/2013
Data file: W0050.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
2,4-D	ND		0.250	0.100
2,4,5-T	ND		0.250	0.100

INTEGRATED ANALYTICAL LABORATORIES

HERBICIDES

Lab ID: 06816-019
Client ID: FIELD_BLAN
Date Received: 07/18/2013
Date Extracted: 07/24/2013
Date Analyzed: 07/26/2013
Data file: W0051.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
2,4-D	ND		0.250	0.100
2,4,5-T	ND		0.250	0.100

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: HILLMAN/3100 WEBSTER AVE - G6-2034

Lab ID: E13-06816-001
Client ID: S-1
Date Collected: 07/17/13 09:00
Date Received: 07/18/13 15:50
Matrix-Units: Soil-mg/Kg (ppm)
% Moisture: 8.60
Batch #: 324

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Aluminum	16000		1	12.1	6.06	07/22/13 17:14	6020
Antimony	ND		1	1.21	0.303	07/22/13 17:14	6020
Arsenic	1.57		1	0.606	0.303	07/22/13 17:14	6020
Barium	49.6		1	12.1	3.03	07/22/13 17:14	6020
Beryllium	1.96		1	0.424	0.242	07/22/13 17:14	6020
Cadmium	ND		1	0.606	0.151	07/22/13 17:14	6020
Calcium	6940		1	60.6	30.3	07/22/13 17:14	6020
Chromium	28.0		1	2.42	0.606	07/22/13 17:14	6020
Cobalt	8.22		1	2.42	0.606	07/22/13 17:14	6020
Copper	10.8		1	2.42	0.606	07/22/13 17:14	6020
Iron	22200		1	30.3	15.1	07/22/13 17:14	6020
Lead	72.8		1	0.606	0.151	07/22/13 17:14	6020
Magnesium	15400		1	60.6	15.1	07/22/13 17:14	6020
Manganese	583		1	1.21	0.303	07/22/13 17:14	6020
Mercury	0.462		1	0.014	0.00674	07/22/13 16:29	7471A
Nickel	14.0		1	1.21	0.606	07/22/13 17:14	6020
Potassium	4980		1	60.6	15.1	07/22/13 17:14	6020
Selenium	2.67		1	2.42	1.21	07/22/13 17:14	6020
Silver	ND		1	0.606	0.151	07/22/13 17:14	6020
Sodium	433		1	121	30.3	07/22/13 17:14	6020
Thallium	0.408	J	1	0.606	0.151	07/22/13 17:14	6020
Vanadium	30.0		1	2.42	0.606	07/22/13 17:14	6020
Zinc	60.3		1	2.42	2.42	07/22/13 17:14	6020

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: HILLMAN/3100 WEBSTER AVE - G6-2034

Lab ID: E13-06816-002
Client ID: S-1A
Date Collected: 07/17/13 09:00
Date Received: 07/18/13 15:50
Matrix-Units: Soil-mg/Kg (ppm)
% Moisture: 16.4
Batch #: 324

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Aluminum	17500		1	13.2	6.58	07/22/13 17:05	6020
Antimony	ND		1	1.32	0.329	07/22/13 17:05	6020
Arsenic	2.37		1	0.658	0.329	07/22/13 17:05	6020
Barium	135		1	13.2	3.29	07/22/13 17:05	6020
Beryllium	0.475		1	0.461	0.263	07/22/13 17:05	6020
Cadmium	ND		1	0.658	0.164	07/22/13 17:05	6020
Calcium	1600		1	65.8	32.9	07/22/13 17:05	6020
Chromium	44.7		1	2.63	0.658	07/22/13 17:05	6020
Cobalt	8.18		1	2.63	0.658	07/22/13 17:05	6020
Copper	12.4		1	2.63	0.658	07/22/13 17:05	6020
Iron	20500		1	32.9	16.4	07/22/13 17:05	6020
Lead	6.57		1	0.658	0.164	07/22/13 17:05	6020
Magnesium	4400		1	65.8	16.4	07/22/13 17:05	6020
Manganese	228		1	1.32	0.329	07/22/13 17:05	6020
Mercury	0.034		1	0.014	0.00673	07/22/13 16:32	7471A
Nickel	28.1		1	1.32	0.658	07/22/13 17:05	6020
Potassium	1300		1	65.8	16.4	07/22/13 17:05	6020
Selenium	1.83	J	1	2.63	1.32	07/22/13 17:05	6020
Silver	ND		1	0.658	0.164	07/22/13 17:05	6020
Sodium	385		1	132	32.9	07/22/13 17:05	6020
Thallium	0.183	J	1	0.658	0.164	07/22/13 17:05	6020
Vanadium	39.2		1	2.63	0.658	07/22/13 17:05	6020
Zinc	42.7		1	2.63	2.63	07/22/13 17:05	6020

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: HILLMAN/3100 WEBSTER AVE - G6-2034

Lab ID: E13-06816-003
Client ID: S-2
Date Collected: 07/17/13 09:10
Date Received: 07/18/13 15:50
Matrix-Units: Soil-mg/Kg (ppm)
% Moisture: 7.80
Batch #: 324

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Aluminum	20400		1	11.9	5.95	07/22/13 17:09	6020
Antimony	ND		1	1.19	0.297	07/22/13 17:09	6020
Arsenic	5.02		1	0.595	0.297	07/22/13 17:09	6020
Barium	235		1	11.9	2.97	07/22/13 17:09	6020
Beryllium	0.278	J	1	0.416	0.238	07/22/13 17:09	6020
Cadmium	0.363	J	1	0.595	0.149	07/22/13 17:09	6020
Calcium	8860		1	59.5	29.7	07/22/13 17:09	6020
Chromium	87.9		1	2.38	0.595	07/22/13 17:09	6020
Cobalt	17.9		1	2.38	0.595	07/22/13 17:09	6020
Copper	111		1	2.38	0.595	07/22/13 17:09	6020
Iron	30500		1	29.7	14.9	07/22/13 17:09	6020
Lead	96.2		1	0.595	0.149	07/22/13 17:09	6020
Magnesium	10300		1	59.5	14.9	07/22/13 17:09	6020
Manganese	232		1	1.19	0.297	07/22/13 17:09	6020
Mercury	0.722		1	0.013	0.00623	07/22/13 16:34	7471A
Nickel	44.8		1	1.19	0.595	07/22/13 17:09	6020
Potassium	5380		1	59.5	14.9	07/22/13 17:09	6020
Selenium	3.56		1	2.38	1.19	07/22/13 17:09	6020
Silver	ND		1	0.595	0.149	07/22/13 17:09	6020
Sodium	1180		1	119	29.7	07/22/13 17:09	6020
Thallium	0.342	J	1	0.595	0.149	07/22/13 17:09	6020
Vanadium	119		1	2.38	0.595	07/22/13 17:09	6020
Zinc	192		1	2.38	2.38	07/22/13 17:09	6020

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: HILLMAN/3100 WEBSTER AVE - G6-2034

Lab ID: E13-06816-004
Client ID: S-2A
Date Collected: 07/17/13 09:15
Date Received: 07/18/13 15:50
Matrix-Units: Soil-mg/Kg (ppm)
% Moisture: 7.20
Batch #: 324

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Aluminum	29300		1	11.4	5.70	07/22/13 17:18	6020
Antimony	ND		1	1.14	0.285	07/22/13 17:18	6020
Arsenic	1.11		1	0.570	0.285	07/22/13 17:18	6020
Barium	352		1	11.4	2.85	07/22/13 17:18	6020
Beryllium	ND		1	0.399	0.228	07/22/13 17:18	6020
Cadmium	ND		1	0.570	0.142	07/22/13 17:18	6020
Calcium	3500		1	57.0	28.5	07/22/13 17:18	6020
Chromium	153		1	2.28	0.570	07/22/13 17:18	6020
Cobalt	27.9		1	2.28	0.570	07/22/13 17:18	6020
Copper	58.2		1	2.28	0.570	07/22/13 17:18	6020
Iron	47900		1	28.5	14.2	07/22/13 17:18	6020
Lead	3.14		1	0.570	0.142	07/22/13 17:18	6020
Magnesium	19200		1	57.0	14.2	07/22/13 17:18	6020
Manganese	538		1	1.14	0.285	07/22/13 17:18	6020
Mercury	0.00811	J	1	0.014	0.00661	07/22/13 16:37	7471A
Nickel	89.6		1	1.14	0.570	07/22/13 17:18	6020
Potassium	13200		1	57.0	14.2	07/22/13 17:18	6020
Selenium	2.79		1	2.28	1.14	07/22/13 17:18	6020
Silver	ND		1	0.570	0.142	07/22/13 17:18	6020
Sodium	542		1	114	28.5	07/22/13 17:18	6020
Thallium	0.607		1	0.570	0.142	07/22/13 17:18	6020
Vanadium	176		1	2.28	0.570	07/22/13 17:18	6020
Zinc	120		1	2.28	2.28	07/22/13 17:18	6020

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: HILLMAN/3100 WEBSTER AVE - G6-2034

Lab ID: E13-06816-005
Client ID: S-3
Date Collected: 07/17/13 09:45
Date Received: 07/18/13 15:50
Matrix-Units: Soil-mg/Kg (ppm)
% Moisture: 8.80
Batch #: 324

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Aluminum	15500		1	11.8	5.90	07/22/13 17:23	6020
Antimony	ND		1	1.18	0.295	07/22/13 17:23	6020
Arsenic	2.54		1	0.590	0.295	07/22/13 17:23	6020
Barium	280		1	11.8	2.95	07/22/13 17:23	6020
Beryllium	0.310	J	1	0.413	0.236	07/22/13 17:23	6020
Cadmium	0.245	J	1	0.590	0.148	07/22/13 17:23	6020
Calcium	13700		1	59.0	29.5	07/22/13 17:23	6020
Chromium	76.8		1	2.36	0.590	07/22/13 17:23	6020
Cobalt	11.9		1	2.36	0.590	07/22/13 17:23	6020
Copper	49.1		1	2.36	0.590	07/22/13 17:23	6020
Iron	26700		1	29.5	14.8	07/22/13 17:23	6020
Lead	198		1	0.590	0.148	07/22/13 17:23	6020
Magnesium	13500		1	59.0	14.8	07/22/13 17:23	6020
Manganese	284		1	1.18	0.295	07/22/13 17:23	6020
Mercury	0.438		1	0.014	0.00667	07/22/13 16:39	7471A
Nickel	35.2		1	1.18	0.590	07/22/13 17:23	6020
Potassium	7280		1	59.0	14.8	07/22/13 17:23	6020
Selenium	ND		1	2.36	1.18	07/22/13 17:23	6020
Silver	ND		1	0.590	0.148	07/22/13 17:23	6020
Sodium	365		1	118	29.5	07/22/13 17:23	6020
Thallium	0.316	J	1	0.590	0.148	07/22/13 17:23	6020
Vanadium	53.6		1	2.36	0.590	07/22/13 17:23	6020
Zinc	156		1	2.36	2.36	07/22/13 17:23	6020

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: HILLMAN/3100 WEBSTER AVE - G6-2034

Lab ID: E13-06816-006
Client ID: S-3A
Date Collected: 07/17/13 09:45
Date Received: 07/18/13 15:50
Matrix-Units: Soil-mg/Kg (ppm)
% Moisture: 16.9
Batch #: 324

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Aluminum	16400		1	13.2	6.58	07/22/13 17:27	6020
Antimony	ND		1	1.32	0.329	07/22/13 17:27	6020
Arsenic	1.34		1	0.658	0.329	07/22/13 17:27	6020
Barium	131		1	13.2	3.29	07/22/13 17:27	6020
Beryllium	0.448	J	1	0.461	0.263	07/22/13 17:27	6020
Cadmium	ND		1	0.658	0.164	07/22/13 17:27	6020
Calcium	1700		1	65.8	32.9	07/22/13 17:27	6020
Chromium	53.5		1	2.63	0.658	07/22/13 17:27	6020
Cobalt	6.44		1	2.63	0.658	07/22/13 17:27	6020
Copper	13.6		1	2.63	0.658	07/22/13 17:27	6020
Iron	20700		1	32.9	16.4	07/22/13 17:27	6020
Lead	2.49		1	0.658	0.164	07/22/13 17:27	6020
Magnesium	4830		1	65.8	16.4	07/22/13 17:27	6020
Manganese	259		1	1.32	0.329	07/22/13 17:27	6020
Mercury	0.047		1	0.015	0.00713	07/22/13 16:46	7471A
Nickel	35.0		1	1.32	0.658	07/22/13 17:27	6020
Potassium	3770		1	65.8	16.4	07/22/13 17:27	6020
Selenium	ND		1	2.63	1.32	07/22/13 17:27	6020
Silver	0.475	J	1	0.658	0.164	07/22/13 17:27	6020
Sodium	167		1	132	32.9	07/22/13 17:27	6020
Thallium	0.251	J	1	0.658	0.164	07/22/13 17:27	6020
Vanadium	39.3		1	2.63	0.658	07/22/13 17:27	6020
Zinc	47.7		1	2.63	2.63	07/22/13 17:27	6020

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: HILLMAN/3100 WEBSTER AVE - G6-2034

Lab ID: E13-06816-007
Client ID: S-4
Date Collected: 07/17/13 10:00
Date Received: 07/18/13 15:50
Matrix-Units: Soil-mg/Kg (ppm)
% Moisture: 5.60
Batch #: 324

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Aluminum	8420		1	11.6	5.81	07/22/13 17:31	6020
Antimony	ND		1	1.16	0.291	07/22/13 17:31	6020
Arsenic	2.60		1	0.581	0.291	07/22/13 17:31	6020
Barium	104		1	11.6	2.91	07/22/13 17:31	6020
Beryllium	0.289	J	1	0.407	0.232	07/22/13 17:31	6020
Cadmium	0.319	J	1	0.581	0.145	07/22/13 17:31	6020
Calcium	5550		1	58.1	29.1	07/22/13 17:31	6020
Chromium	29.4		1	2.32	0.581	07/22/13 17:31	6020
Cobalt	5.96		1	2.32	0.581	07/22/13 17:31	6020
Copper	28.0		1	2.32	0.581	07/22/13 17:31	6020
Iron	13500		1	29.1	14.5	07/22/13 17:31	6020
Lead	117		1	0.581	0.145	07/22/13 17:31	6020
Magnesium	4240		1	58.1	14.5	07/22/13 17:31	6020
Manganese	218		1	1.16	0.291	07/22/13 17:31	6020
Mercury	0.208		1	0.013	0.00642	07/22/13 16:48	7471A
Nickel	19.0		1	1.16	0.581	07/22/13 17:31	6020
Potassium	1870		1	58.1	14.5	07/22/13 17:31	6020
Selenium	ND		1	2.32	1.16	07/22/13 17:31	6020
Silver	ND		1	0.581	0.145	07/22/13 17:31	6020
Sodium	178		1	116	29.1	07/22/13 17:31	6020
Thallium	ND		1	0.581	0.145	07/22/13 17:31	6020
Vanadium	27.1		1	2.32	0.581	07/22/13 17:31	6020
Zinc	184		1	2.32	2.32	07/22/13 17:31	6020

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: HILLMAN/3100 WEBSTER AVE - G6-2034

Lab ID: E13-06816-008
Client ID: S-4A
Date Collected: 07/17/13 10:00
Date Received: 07/18/13 15:50
Matrix-Units: Soil-mg/Kg (ppm)
% Moisture: 6.10
Batch #: 324

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Aluminum	17600		1	10.6	5.30	07/22/13 16:30	6020
Antimony	ND		1	1.06	0.265	07/22/13 16:30	6020
Arsenic	0.538		1	0.530	0.265	07/22/13 16:30	6020
Barium	191		1	10.6	2.65	07/22/13 16:30	6020
Beryllium	ND		1	0.371	0.212	07/22/13 16:30	6020
Cadmium	ND		1	0.530	0.133	07/22/13 16:30	6020
Calcium	3130		1	53.0	26.5	07/22/13 16:30	6020
Chromium	133		1	2.12	0.530	07/22/13 16:30	6020
Cobalt	15.6		1	2.12	0.530	07/22/13 16:30	6020
Copper	13.1		1	2.12	0.530	07/22/13 16:30	6020
Iron	28400		1	26.5	13.3	07/22/13 16:30	6020
Lead	2.15		1	0.530	0.133	07/22/13 16:30	6020
Magnesium	13300		1	53.0	13.3	07/22/13 16:30	6020
Manganese	138		1	1.06	0.265	07/22/13 16:30	6020
Mercury	ND		1	0.013	0.00636	07/22/13 16:22	7471A
Nickel	86.3		1	1.06	0.530	07/22/13 16:30	6020
Potassium	6020		1	53.0	13.3	07/22/13 16:30	6020
Selenium	1.73	J	1	2.12	1.06	07/22/13 16:30	6020
Silver	ND		1	0.530	0.133	07/22/13 16:30	6020
Sodium	125		1	106	26.5	07/22/13 16:30	6020
Thallium	0.454	J	1	0.530	0.133	07/22/13 16:30	6020
Vanadium	104		1	2.12	0.530	07/22/13 16:30	6020
Zinc	107		1	2.12	2.12	07/22/13 16:30	6020

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: HILLMAN/3100 WEBSTER AVE - G6-2034

Lab ID: E13-06816-009
Client ID: S-5
Date Collected: 07/17/13 10:45
Date Received: 07/18/13 15:50
Matrix-Units: Soil-mg/Kg (ppm)
% Moisture: 12.9
Batch #: 324

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Aluminum	20800		1	12.6	6.28	07/22/13 17:36	6020
Antimony	ND		1	1.26	0.314	07/22/13 17:36	6020
Arsenic	4.17		1	0.628	0.314	07/22/13 17:36	6020
Barium	93.9		1	12.6	3.14	07/22/13 17:36	6020
Beryllium	0.703		1	0.439	0.251	07/22/13 17:36	6020
Cadmium	ND		1	0.628	0.157	07/22/13 17:36	6020
Calcium	3220		1	62.8	31.4	07/22/13 17:36	6020
Chromium	44.1		1	2.51	0.628	07/22/13 17:36	6020
Cobalt	12.1		1	2.51	0.628	07/22/13 17:36	6020
Copper	29.6		1	2.51	0.628	07/22/13 17:36	6020
Iron	27400		1	31.4	15.7	07/22/13 17:36	6020
Lead	46.2		1	0.628	0.157	07/22/13 17:36	6020
Magnesium	6480		1	62.8	15.7	07/22/13 17:36	6020
Manganese	481		1	1.26	0.314	07/22/13 17:36	6020
Mercury	0.347		1	0.015	0.00697	07/22/13 16:51	7471A
Nickel	25.3		1	1.26	0.628	07/22/13 17:36	6020
Potassium	2560		1	62.8	15.7	07/22/13 17:36	6020
Selenium	2.46	J	1	2.51	1.26	07/22/13 17:36	6020
Silver	ND		1	0.628	0.157	07/22/13 17:36	6020
Sodium	151		1	126	31.4	07/22/13 17:36	6020
Thallium	0.213	J	1	0.628	0.157	07/22/13 17:36	6020
Vanadium	53.6		1	2.51	0.628	07/22/13 17:36	6020
Zinc	107		1	2.51	2.51	07/22/13 17:36	6020

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: HILLMAN/3100 WEBSTER AVE - G6-2034

Lab ID: E13-06816-010
Client ID: S-5A
Date Collected: 07/17/13 10:47
Date Received: 07/18/13 15:50
Matrix-Units: Soil-mg/Kg (ppm)
% Moisture: 17.9
Batch #: 324

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Aluminum	17100		1	13.4	6.72	07/22/13 17:40	6020
Antimony	ND		1	1.34	0.336	07/22/13 17:40	6020
Arsenic	9.71		1	0.672	0.336	07/22/13 17:40	6020
Barium	141		1	13.4	3.36	07/22/13 17:40	6020
Beryllium	1.07		1	0.470	0.269	07/22/13 17:40	6020
Cadmium	ND		1	0.672	0.168	07/22/13 17:40	6020
Calcium	1710		1	67.2	33.6	07/22/13 17:40	6020
Chromium	43.0		1	2.69	0.672	07/22/13 17:40	6020
Cobalt	43.6		1	2.69	0.672	07/22/13 17:40	6020
Copper	13.6		1	2.69	0.672	07/22/13 17:40	6020
Iron	53800		1	33.6	16.8	07/22/13 17:40	6020
Lead	11.7		1	0.672	0.168	07/22/13 17:40	6020
Magnesium	2890		1	67.2	16.8	07/22/13 17:40	6020
Manganese	1990		1	1.34	0.336	07/22/13 17:40	6020
Mercury	0.044		1	0.014	0.00678	07/22/13 16:53	7471A
Nickel	36.2		1	1.34	0.672	07/22/13 17:40	6020
Potassium	938		1	67.2	16.8	07/22/13 17:40	6020
Selenium	3.14		1	2.69	1.34	07/22/13 17:40	6020
Silver	ND		1	0.672	0.168	07/22/13 17:40	6020
Sodium	101	J	1	134	33.6	07/22/13 17:40	6020
Thallium	0.191	J	1	0.672	0.168	07/22/13 17:40	6020
Vanadium	70.3		1	2.69	0.672	07/22/13 17:40	6020
Zinc	75.9		1	2.69	2.69	07/22/13 17:40	6020

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: HILLMAN/3100 WEBSTER AVE - G6-2034

Lab ID: E13-06816-011
Client ID: S-6
Date Collected: 07/17/13 11:30
Date Received: 07/18/13 15:50
Matrix-Units: Soil-mg/Kg (ppm)
% Moisture: 11.9
Batch #: 324

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Aluminum	19400		1	12.2	6.12	07/22/13 17:53	6020
Antimony	ND		1	1.22	0.306	07/22/13 17:53	6020
Arsenic	3.13		1	0.612	0.306	07/22/13 17:53	6020
Barium	361		1	12.2	3.06	07/22/13 17:53	6020
Beryllium	0.342	J	1	0.428	0.245	07/22/13 17:53	6020
Cadmium	0.543	J	1	0.612	0.153	07/22/13 17:53	6020
Calcium	12400		1	61.2	30.6	07/22/13 17:53	6020
Chromium	68.3		1	2.45	0.612	07/22/13 17:53	6020
Cobalt	16.1		1	2.45	0.612	07/22/13 17:53	6020
Copper	39.8		1	2.45	0.612	07/22/13 17:53	6020
Iron	32300		1	30.6	15.3	07/22/13 17:53	6020
Lead	210		1	0.612	0.153	07/22/13 17:53	6020
Magnesium	12400		1	61.2	15.3	07/22/13 17:53	6020
Manganese	338		1	1.22	0.306	07/22/13 17:53	6020
Mercury	0.553		1	0.014	0.00684	07/22/13 16:55	7471A
Nickel	37.0		1	1.22	0.612	07/22/13 17:53	6020
Potassium	7170		1	61.2	15.3	07/22/13 17:53	6020
Selenium	1.60	J	1	2.45	1.22	07/22/13 17:53	6020
Silver	ND		1	0.612	0.153	07/22/13 17:53	6020
Sodium	342		1	122	30.6	07/22/13 17:53	6020
Thallium	0.376	J	1	0.612	0.153	07/22/13 17:53	6020
Vanadium	99.4		1	2.45	0.612	07/22/13 17:53	6020
Zinc	170		1	2.45	2.45	07/22/13 17:53	6020

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: HILLMAN/3100 WEBSTER AVE - G6-2034

Lab ID: E13-06816-012
Client ID: S-6A
Date Collected: 07/17/13 11:40
Date Received: 07/18/13 15:50
Matrix-Units: Soil-mg/Kg (ppm)
% Moisture: 16.5
Batch #: 324

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Aluminum	15000		1	13.3	6.67	07/22/13 17:58	6020
Antimony	ND		1	1.33	0.333	07/22/13 17:58	6020
Arsenic	4.46		1	0.667	0.333	07/22/13 17:58	6020
Barium	113		1	13.3	3.33	07/22/13 17:58	6020
Beryllium	0.624		1	0.467	0.267	07/22/13 17:58	6020
Cadmium	ND		1	0.667	0.167	07/22/13 17:58	6020
Calcium	1340		1	66.7	33.3	07/22/13 17:58	6020
Chromium	20.0		1	2.67	0.667	07/22/13 17:58	6020
Cobalt	8.05		1	2.67	0.667	07/22/13 17:58	6020
Copper	9.19		1	2.67	0.667	07/22/13 17:58	6020
Iron	24700		1	33.3	16.7	07/22/13 17:58	6020
Lead	8.93		1	0.667	0.167	07/22/13 17:58	6020
Magnesium	3480		1	66.7	16.7	07/22/13 17:58	6020
Manganese	382		1	1.33	0.333	07/22/13 17:58	6020
Mercury	0.022		1	0.016	0.00742	07/22/13 16:58	7471A
Nickel	19.6		1	1.33	0.667	07/22/13 17:58	6020
Potassium	1060		1	66.7	16.7	07/22/13 17:58	6020
Selenium	ND		1	2.67	1.33	07/22/13 17:58	6020
Silver	ND		1	0.667	0.167	07/22/13 17:58	6020
Sodium	96.2	J	1	133	33.3	07/22/13 17:58	6020
Thallium	ND		1	0.667	0.167	07/22/13 17:58	6020
Vanadium	32.6		1	2.67	0.667	07/22/13 17:58	6020
Zinc	42.1		1	2.67	2.67	07/22/13 17:58	6020

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: HILLMAN/3100 WEBSTER AVE - G6-2034

Lab ID: E13-06816-013
Client ID: S-7
Date Collected: 07/17/13 11:10
Date Received: 07/18/13 15:50
Matrix-Units: Soil-mg/Kg (ppm)
% Moisture: 14.7
Batch #: 324

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Aluminum	16200		1	12.9	6.47	07/22/13 18:02	6020
Antimony	ND		1	1.29	0.324	07/22/13 18:02	6020
Arsenic	4.36		1	0.647	0.324	07/22/13 18:02	6020
Barium	152		1	12.9	3.24	07/22/13 18:02	6020
Beryllium	0.650		1	0.453	0.259	07/22/13 18:02	6020
Cadmium	0.385	J	1	0.647	0.162	07/22/13 18:02	6020
Calcium	20500		1	64.7	32.4	07/22/13 18:02	6020
Chromium	32.5		1	2.59	0.647	07/22/13 18:02	6020
Cobalt	8.51		1	2.59	0.647	07/22/13 18:02	6020
Copper	30.0		1	2.59	0.647	07/22/13 18:02	6020
Iron	19600		1	32.4	16.2	07/22/13 18:02	6020
Lead	216		1	0.647	0.162	07/22/13 18:02	6020
Magnesium	13400		1	64.7	16.2	07/22/13 18:02	6020
Manganese	468		1	1.29	0.324	07/22/13 18:02	6020
Mercury	1.14		1	0.015	0.00724	07/22/13 17:00	7471A
Nickel	19.6		1	1.29	0.647	07/22/13 18:02	6020
Potassium	1800		1	64.7	16.2	07/22/13 18:02	6020
Selenium	1.86	J	1	2.59	1.29	07/22/13 18:02	6020
Silver	ND		1	0.647	0.162	07/22/13 18:02	6020
Sodium	176		1	129	32.4	07/22/13 18:02	6020
Thallium	0.201	J	1	0.647	0.162	07/22/13 18:02	6020
Vanadium	38.4		1	2.59	0.647	07/22/13 18:02	6020
Zinc	222		1	2.59	2.59	07/22/13 18:02	6020

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: HILLMAN/3100 WEBSTER AVE - G6-2034

Lab ID: E13-06816-014
Client ID: S-7A
Date Collected: 07/17/13 11:20
Date Received: 07/18/13 15:50
Matrix-Units: Soil-mg/Kg (ppm)
% Moisture: 15.9
Batch #: 324

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Aluminum	14900		1	12.9	6.47	07/22/13 18:07	6020
Antimony	ND		1	1.29	0.323	07/22/13 18:07	6020
Arsenic	3.50		1	0.647	0.323	07/22/13 18:07	6020
Barium	100		1	12.9	3.23	07/22/13 18:07	6020
Beryllium	0.501		1	0.453	0.259	07/22/13 18:07	6020
Cadmium	ND		1	0.647	0.162	07/22/13 18:07	6020
Calcium	1250		1	64.7	32.3	07/22/13 18:07	6020
Chromium	22.3		1	2.59	0.647	07/22/13 18:07	6020
Cobalt	8.65		1	2.59	0.647	07/22/13 18:07	6020
Copper	11.2		1	2.59	0.647	07/22/13 18:07	6020
Iron	22900		1	32.3	16.2	07/22/13 18:07	6020
Lead	6.57		1	0.647	0.162	07/22/13 18:07	6020
Magnesium	3230		1	64.7	16.2	07/22/13 18:07	6020
Manganese	700		1	1.29	0.323	07/22/13 18:07	6020
Mercury	0.050		1	0.015	0.00736	07/22/13 17:03	7471A
Nickel	22.8		1	1.29	0.647	07/22/13 18:07	6020
Potassium	1350		1	64.7	16.2	07/22/13 18:07	6020
Selenium	1.77	J	1	2.59	1.29	07/22/13 18:07	6020
Silver	ND		1	0.647	0.162	07/22/13 18:07	6020
Sodium	113	J	1	129	32.3	07/22/13 18:07	6020
Thallium	ND		1	0.647	0.162	07/22/13 18:07	6020
Vanadium	30.5		1	2.59	0.647	07/22/13 18:07	6020
Zinc	35.3		1	2.59	2.59	07/22/13 18:07	6020

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: HILLMAN/3100 WEBSTER AVE - G6-2034

Lab ID: E13-06816-015
Client ID: MW-1
Date Collected: 07/17/13 09:00
Date Received: 07/18/13 15:50
Matrix-Units: Aqueous-ug/L (ppb)
% Moisture: 100
Batch #: 329

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Aluminum	8430		1	40.0	20.0	07/24/13 11:54	6020
Antimony	1.93	J	1	4.00	1.00	07/24/13 11:54	6020
Arsenic	1.43	J	1	2.00	1.00	07/24/13 11:54	6020
Barium	272		1	40.0	10.0	07/24/13 11:54	6020
Beryllium	ND		1	2.00	1.00	07/24/13 11:54	6020
Cadmium	ND		1	2.00	0.500	07/24/13 11:54	6020
Calcium	156000		1	200	100	07/24/13 11:54	6020
Chromium	55.6		1	8.00	2.00	07/24/13 11:54	6020
Cobalt	74.2		1	8.00	2.00	07/24/13 11:54	6020
Copper	15.4		1	8.00	4.00	07/24/13 11:54	6020
Iron	9690		1	100	50.0	07/24/13 11:54	6020
Lead	1.08	J	1	2.00	0.500	07/24/13 11:54	6020
Magnesium	35000		1	200	50.0	07/24/13 11:54	6020
Manganese	7830		1	4.00	2.00	07/24/13 11:54	6020
Mercury	ND		1	0.500	0.300	07/24/13 14:27	7470A
Nickel	67.1		1	4.00	1.00	07/24/13 11:54	6020
Potassium	48700		1	200	50.0	07/24/13 11:54	6020
Selenium	33.7		1	8.00	4.00	07/24/13 11:54	6020
Silver	2.51		1	2.00	0.500	07/24/13 11:54	6020
Sodium	190000		1	400	100	07/24/13 11:54	6020
Thallium	ND		1	2.00	0.500	07/24/13 11:54	6020
Vanadium	25.3		1	8.00	2.00	07/24/13 11:54	6020
Zinc	81.1		1	8.00	4.00	07/24/13 11:54	6020

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: HILLMAN/3100 WEBSTER AVE - G6-2034

Lab ID: E13-06816-016
Client ID: MW-3
Date Collected: 07/17/13 10:19
Date Received: 07/18/13 15:50
Matrix-Units: Aqueous-ug/L (ppb)
% Moisture: 100
Batch #: 329

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Aluminum	2640		1	40.0	20.0	07/24/13 11:58	6020
Antimony	ND		1	4.00	1.00	07/24/13 11:58	6020
Arsenic	1.33	J	1	2.00	1.00	07/24/13 11:58	6020
Barium	306		1	40.0	10.0	07/24/13 11:58	6020
Beryllium	ND		1	2.00	1.00	07/24/13 11:58	6020
Cadmium	ND		1	2.00	0.500	07/24/13 11:58	6020
Calcium	112000		1	200	100	07/24/13 11:58	6020
Chromium	6.69	J	1	8.00	2.00	07/24/13 11:58	6020
Cobalt	4.47	J	1	8.00	2.00	07/24/13 11:58	6020
Copper	38.1		1	8.00	4.00	07/24/13 11:58	6020
Iron	13200		1	100	50.0	07/24/13 11:58	6020
Lead	13.0		1	2.00	0.500	07/24/13 11:58	6020
Magnesium	16900		1	200	50.0	07/24/13 11:58	6020
Manganese	6570		1	4.00	2.00	07/24/13 11:58	6020
Mercury	ND		1	0.500	0.300	07/24/13 14:34	7470A
Nickel	7.20		1	4.00	1.00	07/24/13 11:58	6020
Potassium	9320		1	200	50.0	07/24/13 11:58	6020
Selenium	7.23	J	1	8.00	4.00	07/24/13 11:58	6020
Silver	ND		1	2.00	0.500	07/24/13 11:58	6020
Sodium	49200		1	400	100	07/24/13 11:58	6020
Thallium	ND		1	2.00	0.500	07/24/13 11:58	6020
Vanadium	8.93		1	8.00	2.00	07/24/13 11:58	6020
Zinc	52.5		1	8.00	4.00	07/24/13 11:58	6020

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: HILLMAN/3100 WEBSTER AVE - G6-2034

Lab ID: E13-06816-017
Client ID: MW-5
Date Collected: 07/17/13 11:42
Date Received: 07/18/13 15:50
Matrix-Units: Aqueous-ug/L (ppb)
% Moisture: 100
Batch #: 329

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Aluminum	4620		1	40.0	20.0	07/24/13 12:02	6020
Antimony	ND		1	4.00	1.00	07/24/13 12:02	6020
Arsenic	3.58		1	2.00	1.00	07/24/13 12:02	6020
Barium	395		1	40.0	10.0	07/24/13 12:02	6020
Beryllium	ND		1	2.00	1.00	07/24/13 12:02	6020
Cadmium	0.611	J	1	2.00	0.500	07/24/13 12:02	6020
Calcium	112000		1	200	100	07/24/13 12:02	6020
Chromium	13.1		1	8.00	2.00	07/24/13 12:02	6020
Cobalt	15.8		1	8.00	2.00	07/24/13 12:02	6020
Copper	18.6		1	8.00	4.00	07/24/13 12:02	6020
Iron	20400		1	100	50.0	07/24/13 12:02	6020
Lead	64.0		1	2.00	0.500	07/24/13 12:02	6020
Magnesium	32600		1	200	50.0	07/24/13 12:02	6020
Manganese	7100		1	4.00	2.00	07/24/13 12:02	6020
Mercury	ND		1	0.500	0.300	07/24/13 14:36	7470A
Nickel	38.5		1	4.00	1.00	07/24/13 12:02	6020
Potassium	9830		1	200	50.0	07/24/13 12:02	6020
Selenium	ND		1	8.00	4.00	07/24/13 12:02	6020
Silver	ND		1	2.00	0.500	07/24/13 12:02	6020
Sodium	134000		1	400	100	07/24/13 12:02	6020
Thallium	ND		1	2.00	0.500	07/24/13 12:02	6020
Vanadium	24.5		1	8.00	2.00	07/24/13 12:02	6020
Zinc	333		1	8.00	4.00	07/24/13 12:02	6020

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: HILLMAN/3100 WEBSTER AVE - G6-2034

Lab ID: E13-06816-018
Client ID: MW-8
Date Collected: 07/17/13 12:13
Date Received: 07/18/13 15:50
Matrix-Units: Aqueous-ug/L (ppb)
% Moisture: 100
Batch #: 329

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Aluminum	5370		1	40.0	20.0	07/24/13 12:13	6020
Antimony	ND		1	4.00	1.00	07/24/13 12:13	6020
Arsenic	1.29	J	1	2.00	1.00	07/24/13 12:13	6020
Barium	549		1	40.0	10.0	07/24/13 12:13	6020
Beryllium	ND		1	2.00	1.00	07/24/13 12:13	6020
Cadmium	ND		1	2.00	0.500	07/24/13 12:13	6020
Calcium	129000		1	200	100	07/24/13 12:13	6020
Chromium	17.1		1	8.00	2.00	07/24/13 12:13	6020
Cobalt	6.88	J	1	8.00	2.00	07/24/13 12:13	6020
Copper	6.44	J	1	8.00	4.00	07/24/13 12:13	6020
Iron	12000		1	100	50.0	07/24/13 12:13	6020
Lead	24.5		1	2.00	0.500	07/24/13 12:13	6020
Magnesium	28800		1	200	50.0	07/24/13 12:13	6020
Manganese	1800		1	4.00	2.00	07/24/13 12:13	6020
Mercury	ND		1	0.500	0.300	07/24/13 14:38	7470A
Nickel	15.5		1	4.00	1.00	07/24/13 12:13	6020
Potassium	21900		1	200	50.0	07/24/13 12:13	6020
Selenium	4.40	J	1	8.00	4.00	07/24/13 12:13	6020
Silver	0.511	J	1	2.00	0.500	07/24/13 12:13	6020
Sodium	483000		1	400	100	07/24/13 12:13	6020
Thallium	ND		1	2.00	0.500	07/24/13 12:13	6020
Vanadium	24.0		1	8.00	2.00	07/24/13 12:13	6020
Zinc	47.0		1	8.00	4.00	07/24/13 12:13	6020

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: HILLMAN/3100 WEBSTER AVE - G6-2034

Lab ID: E13-06816-019
Client ID: FIELD BLANK
Date Collected: 07/17/13 11:24
Date Received: 07/18/13 15:50
Matrix-Units: Aqueous-ug/L (ppb)
% Moisture: 100
Batch #: 329

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Aluminum	ND		1	40.0	20.0	07/24/13 11:04	6020
Antimony	ND		1	4.00	1.00	07/24/13 11:04	6020
Arsenic	ND		1	2.00	1.00	07/24/13 11:04	6020
Barium	ND		1	40.0	10.0	07/24/13 11:04	6020
Beryllium	ND		1	2.00	1.00	07/24/13 11:04	6020
Cadmium	ND		1	2.00	0.500	07/24/13 11:04	6020
Calcium	ND		1	200	100	07/24/13 11:04	6020
Chromium	ND		1	8.00	2.00	07/24/13 11:04	6020
Cobalt	ND		1	8.00	2.00	07/24/13 11:04	6020
Copper	ND		1	8.00	4.00	07/24/13 11:04	6020
Iron	ND		1	100	50.0	07/24/13 11:04	6020
Lead	ND		1	2.00	0.500	07/24/13 11:04	6020
Magnesium	ND		1	200	50.0	07/24/13 11:04	6020
Manganese	ND		1	4.00	2.00	07/24/13 11:04	6020
Mercury	ND		1	0.500	0.300	07/24/13 14:20	7470A
Nickel	ND		1	4.00	1.00	07/24/13 11:04	6020
Potassium	ND		1	200	50.0	07/24/13 11:04	6020
Selenium	ND		1	8.00	4.00	07/24/13 11:04	6020
Silver	ND		1	2.00	0.500	07/24/13 11:04	6020
Sodium	ND		1	400	100	07/24/13 11:04	6020
Thallium	ND		1	2.00	0.500	07/24/13 11:04	6020
Vanadium	ND		1	8.00	2.00	07/24/13 11:04	6020
Zinc	ND		1	8.00	4.00	07/24/13 11:04	6020

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: HILLMAN/3100 WEBSTER AVE - G6-2034

Lab ID: E13-06816-021
Client ID: MW-1 FILT
Date Collected: 07/17/13
Date Received: 07/18/13 15:50
Matrix-Units: Aqueous-ug/L (ppb)
% Moisture: 100
Batch #: 329

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Aluminum	ND		1	40.0	20.0	07/24/13 11:15	6020
Antimony	1.84	J	1	4.00	1.00	07/24/13 11:15	6020
Arsenic	1.36	J	1	2.00	1.00	07/24/13 11:15	6020
Barium	122		1	40.0	10.0	07/24/13 11:15	6020
Beryllium	ND		1	2.00	1.00	07/24/13 11:15	6020
Cadmium	ND		1	2.00	0.500	07/24/13 11:15	6020
Calcium	146000		1	200	100	07/24/13 11:15	6020
Chromium	3.54	J	1	8.00	2.00	07/24/13 11:15	6020
Cobalt	ND		1	8.00	2.00	07/24/13 11:15	6020
Copper	ND		1	8.00	4.00	07/24/13 11:15	6020
Iron	ND		1	100	50.0	07/24/13 11:15	6020
Lead	ND		1	2.00	0.500	07/24/13 11:15	6020
Magnesium	28300		1	200	50.0	07/24/13 11:15	6020
Manganese	ND		1	4.00	2.00	07/24/13 11:15	6020
Mercury	ND		1	0.500	0.300	07/24/13 14:10	7470A
Nickel	ND		1	4.00	1.00	07/24/13 11:15	6020
Potassium	45500		1	200	50.0	07/24/13 11:15	6020
Selenium	31.2		1	8.00	4.00	07/24/13 11:15	6020
Silver	2.39		1	2.00	0.500	07/24/13 11:15	6020
Sodium	187000		1	400	100	07/24/13 11:15	6020
Thallium	ND		1	2.00	0.500	07/24/13 11:15	6020
Vanadium	3.77	J	1	8.00	2.00	07/24/13 11:15	6020
Zinc	7.24	J	1	8.00	4.00	07/24/13 11:15	6020

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: HILLMAN/3100 WEBSTER AVE - G6-2034

Lab ID: E13-06816-022
Client ID: MW-3 FILT
Date Collected: 07/17/13
Date Received: 07/18/13 15:50
Matrix-Units: Aqueous-ug/L (ppb)
% Moisture: 100
Batch #: 329

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Aluminum	ND		1	40.0	20.0	07/24/13 12:17	6020
Antimony	ND		1	4.00	1.00	07/24/13 12:17	6020
Arsenic	ND		1	2.00	1.00	07/24/13 12:17	6020
Barium	142		1	40.0	10.0	07/24/13 12:17	6020
Beryllium	ND		1	2.00	1.00	07/24/13 12:17	6020
Cadmium	ND		1	2.00	0.500	07/24/13 12:17	6020
Calcium	108000		1	200	100	07/24/13 12:17	6020
Chromium	ND		1	8.00	2.00	07/24/13 12:17	6020
Cobalt	ND		1	8.00	2.00	07/24/13 12:17	6020
Copper	ND		1	8.00	4.00	07/24/13 12:17	6020
Iron	ND		1	100	50.0	07/24/13 12:17	6020
Lead	ND		1	2.00	0.500	07/24/13 12:17	6020
Magnesium	16300		1	200	50.0	07/24/13 12:17	6020
Manganese	2990		1	4.00	2.00	07/24/13 12:17	6020
Mercury	ND		1	0.500	0.300	07/24/13 14:41	7470A
Nickel	ND		1	4.00	1.00	07/24/13 12:17	6020
Potassium	9110		1	200	50.0	07/24/13 12:17	6020
Selenium	7.06		1	8.00	4.00	07/24/13 12:17	6020
Silver	ND		1	2.00	0.500	07/24/13 12:17	6020
Sodium	46300		1	400	100	07/24/13 12:17	6020
Thallium	ND		1	2.00	0.500	07/24/13 12:17	6020
Vanadium	ND		1	8.00	2.00	07/24/13 12:17	6020
Zinc	7.04	J	1	8.00	4.00	07/24/13 12:17	6020

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: HILLMAN/3100 WEBSTER AVE - G6-2034

Lab ID: E13-06816-023
Client ID: MW-5 FILT
Date Collected: 07/17/13
Date Received: 07/18/13 15:50
Matrix-Units: Aqueous-ug/L (ppb)
% Moisture: 100
Batch #: 329

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Aluminum	83.4		1	40.0	20.0	07/24/13 12:21	6020
Antimony	ND		1	4.00	1.00	07/24/13 12:21	6020
Arsenic	ND		1	2.00	1.00	07/24/13 12:21	6020
Barium	224		1	40.0	10.0	07/24/13 12:21	6020
Beryllium	ND		1	2.00	1.00	07/24/13 12:21	6020
Cadmium	ND		1	2.00	0.500	07/24/13 12:21	6020
Calcium	109000		1	200	100	07/24/13 12:21	6020
Chromium	ND		1	8.00	2.00	07/24/13 12:21	6020
Cobalt	2.65	J	1	8.00	2.00	07/24/13 12:21	6020
Copper	ND		1	8.00	4.00	07/24/13 12:21	6020
Iron	1550		1	100	50.0	07/24/13 12:21	6020
Lead	ND		1	2.00	0.500	07/24/13 12:21	6020
Magnesium	32400		1	200	50.0	07/24/13 12:21	6020
Manganese	6900		1	4.00	2.00	07/24/13 12:21	6020
Mercury	ND		1	0.500	0.300	07/24/13 14:43	7470A
Nickel	3.50	J	1	4.00	1.00	07/24/13 12:21	6020
Potassium	9490		1	200	50.0	07/24/13 12:21	6020
Selenium	ND		1	8.00	4.00	07/24/13 12:21	6020
Silver	ND		1	2.00	0.500	07/24/13 12:21	6020
Sodium	131000		1	400	100	07/24/13 12:21	6020
Thallium	ND		1	2.00	0.500	07/24/13 12:21	6020
Vanadium	ND		1	8.00	2.00	07/24/13 12:21	6020
Zinc	4.21	J	1	8.00	4.00	07/24/13 12:21	6020

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: HILLMAN/3100 WEBSTER AVE - G6-2034

Lab ID: E13-06816-024
Client ID: MW-8 FILT
Date Collected: 07/17/13
Date Received: 07/18/13 15:50
Matrix-Units: Aqueous-ug/L (ppb)
% Moisture: 100
Batch #: 329

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Aluminum	ND		1	40.0	20.0	07/24/13 12:25	6020
Antimony	ND		1	4.00	1.00	07/24/13 12:25	6020
Arsenic	ND		1	2.00	1.00	07/24/13 12:25	6020
Barium	386		1	40.0	10.0	07/24/13 12:25	6020
Beryllium	ND		1	2.00	1.00	07/24/13 12:25	6020
Cadmium	ND		1	2.00	0.500	07/24/13 12:25	6020
Calcium	112000		1	200	100	07/24/13 12:25	6020
Chromium	ND		1	8.00	2.00	07/24/13 12:25	6020
Cobalt	ND		1	8.00	2.00	07/24/13 12:25	6020
Copper	ND		1	8.00	4.00	07/24/13 12:25	6020
Iron	ND		1	100	50.0	07/24/13 12:25	6020
Lead	ND		1	2.00	0.500	07/24/13 12:25	6020
Magnesium	22800		1	200	50.0	07/24/13 12:25	6020
Manganese	1470		1	4.00	2.00	07/24/13 12:25	6020
Mercury	ND		1	0.500	0.300	07/24/13 14:45	7470A
Nickel	3.32	J	1	4.00	1.00	07/24/13 12:25	6020
Potassium	18500		1	200	50.0	07/24/13 12:25	6020
Selenium	ND		1	8.00	4.00	07/24/13 12:25	6020
Silver	ND		1	2.00	0.500	07/24/13 12:25	6020
Sodium	439000		1	400	100	07/24/13 12:25	6020
Thallium	ND		1	2.00	0.500	07/24/13 12:25	6020
Vanadium	ND		1	8.00	2.00	07/24/13 12:25	6020
Zinc	6.64	J	1	8.00	4.00	07/24/13 12:25	6020

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: HILLMAN/3100 WEBSTER AVE - G6-2034

Lab ID: E13-06816-025
Client ID: FIELD BLANK FILT
Date Collected: 07/17/13
Date Received: 07/18/13 15:50
Matrix-Units: Aqueous-ug/L (ppb)
% Moisture: 100
Batch #: 329

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Aluminum	ND		1	40.0	20.0	07/24/13 11:46	6020
Antimony	ND		1	4.00	1.00	07/24/13 11:46	6020
Arsenic	ND		1	2.00	1.00	07/24/13 11:46	6020
Barium	ND		1	40.0	10.0	07/24/13 11:46	6020
Beryllium	ND		1	2.00	1.00	07/24/13 11:46	6020
Cadmium	ND		1	2.00	0.500	07/24/13 11:46	6020
Calcium	ND		1	200	100	07/24/13 11:46	6020
Chromium	ND		1	8.00	2.00	07/24/13 11:46	6020
Cobalt	ND		1	8.00	2.00	07/24/13 11:46	6020
Copper	ND		1	8.00	4.00	07/24/13 11:46	6020
Iron	ND		1	100	50.0	07/24/13 11:46	6020
Lead	ND		1	2.00	0.500	07/24/13 11:46	6020
Magnesium	ND		1	200	50.0	07/24/13 11:46	6020
Manganese	ND		1	4.00	2.00	07/24/13 11:46	6020
Mercury	ND		1	0.500	0.300	07/24/13 14:22	7470A
Nickel	ND		1	4.00	1.00	07/24/13 11:46	6020
Potassium	ND		1	200	50.0	07/24/13 11:46	6020
Selenium	ND		1	8.00	4.00	07/24/13 11:46	6020
Silver	ND		1	2.00	0.500	07/24/13 11:46	6020
Sodium	ND		1	400	100	07/24/13 11:46	6020
Thallium	ND		1	2.00	0.500	07/24/13 11:46	6020
Vanadium	ND		1	8.00	2.00	07/24/13 11:46	6020
Zinc	ND		1	8.00	4.00	07/24/13 11:46	6020

METALS QUALITY CONTROL

BLANK 1 RESULTS SUMMARY

07/22/2013 04:21 PM

Batch (Page) #: 324
Associated Lab Case for Blank 1: E13-06413, E13-06816, E13-06833

Matrix: Soil Unit: ppm (mg/kg) Method: 6020

ANALYTE	SAMPLE MDL	REAGENT BLANK BLKS130722-01
Aluminum	5.00	ND
Antimony	0.250	ND
Arsenic	0.250	ND
Barium	2.50	ND
Beryllium	0.200	ND
Cadmium	0.125	ND
Calcium	25.0	ND
Chromium	0.500	ND
Cobalt	0.500	ND
Copper	0.500	ND
Iron	12.5	ND
Lead	0.125	ND
Magnesium	12.5	ND
Manganese	0.250	ND
Mercury	0.006	ND
Nickel	0.500	ND
Potassium	12.5	ND
Selenium	1.00	ND
Silver	0.125	ND
Sodium	25.0	ND
Thallium	0.125	ND
Vanadium	0.500	ND
Zinc	2.00	ND

Associated Sample for Blank 1:
06413-001~002,004; 06816-001~014; 06833-001~003

METALS QUALITY CONTROL

BLANK 1 RESULTS SUMMARY

07/24/2013 11:08 AM

Batch (Page) #: 329
Associated Lab Case for Blank 1: E13-06816, E13-06897, E13-06913, E13-06927, E13-06995

Matrix: Aqueous Unit: ppb (µg/L) Method: 6020

ANALYTE	SAMPLE MDL	REAGENT BLANK BLKA130723-01
Aluminum	20.0	ND
Antimony	1.00	ND
Arsenic	1.00	ND
Barium	10.0	ND
Beryllium	1.00	ND
Cadmium	0.500	ND
Calcium	100	ND
Chromium	2.00	ND
Cobalt	2.00	ND
Copper	4.00	ND
Iron	50.0	ND
Lead	0.500	ND
Magnesium	50.0	ND
Manganese	2.00	ND
Mercury	0.300	ND
Nickel	1.00	ND
Potassium	50.0	ND
Selenium	4.00	ND
Silver	0.500	ND
Sodium	100	ND
Thallium	0.500	ND
Vanadium	2.00	ND
Zinc	4.00	ND

Associated Sample for Blank 1:
06816-015~019,021~025; 06897-001; 06913-001~003
06927-001; 06995-019