490 & 504 MYRTLE AVENUE

BROOKLYN, NEW YORK

Remedial Investigation Report

NYC VCP Site Number: 13CVCP109K

E-183 OER E # 11EH-N012K

Prepared for:

490 Myrtle Residential Owner, LLC & 504 Myrtle Residential Owner, LLC
825 3rd Avenue, Floor 37
New York, New York 10022
Phone (646) 747-2232

Prepared by:

Hydro Tech Environmental, Corp.
15 Ocean Avenue, 2nd Floor
Brooklyn, New York 11225
Phone: (718) 636-0800

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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
PVEC	Potential Vapor Encroachment Condition
QEP	Qualified Environmental Professional
RI	Remedial Investigation
RIR	Remedial Investigation Report
SCO	Soil Cleanup Objective
SPEED	Searchable Property Environmental Electronic Database

CERTIFICATION

I, Mark E. Robbins, 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 409 Myrtle Avenue Site and 504 Myrtle Avenue Site (OER E-Designation # 11EH-N012K and VCP Site No. 13CVCP109K and 13CVCP110K). 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 E. Robbins	February 4, 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 490 Myrtle Avenue (aka 484-502A Myrtle Avenue) and 504 Myrtle Avenue (aka 504-524 Myrtle Avenue) in the Clinton Hill section in Brooklyn, New York and is identified as Block 1905, Lots 19 (Site A) and 30 (Site B) on the New York City Tax Map, respectively. **Figure 1** shows the Site location. The Site is 44,000-square feet in size and consists of two developments separated by New York City sewer easement. The Site is bounded by Myrtle Avenue to the north, Hall Street to the west, multi-story residential co-op to the south and a multi-story mixed commercial and residential building to the east. A map of the site boundary is shown in **Figure 2**.

Site A or 490 Myrtle Avenue (Lot 19) is a rectangular shaped parcel approximately 19,500 square feet in size that is currently developed with a 1-story commercial building with a full cellar. Six commercial units are located at Site A, five of which are vacant and one is currently occupied by a supermarket. Site B or 405 Myrtle Avenue (Lot 30) is also a rectangular shaped parcel approximately 24,500 square feet in size that is currently developed with a 1-story commercial building with localized partial cellars. Six commercial units are located at Site B, three of which are currently vacant and the remaining three units are occupied by a dry cleaner, retail store and a United States Post Office ("USPO"). The dry cleaner and retail stores at the property will be vacated prior to Site redevelopment and the USPO, which is located in the eastern portion of 504 Myrtle Avenue or Site B will be vacated by May 31, 2014.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of two new mixed commercial residential use buildings with full cellars; 490 Myrtle Residential Owner, LLC, the owner of Site A, is developing this property into a 7-story mixed use commercial/residential building with cellar, 504 Myrtle Residential Owner, LLC, the owner of Site B, is developing this property into an 8-

story mixed use commercial/residential building with cellar. The construction at the Site will be completed over two phases; it is anticipated that Building A at 490 Myrtle Avenue and the western portion of Building B (to be referred to as Building B1) at the vacated half of 504 Myrtle Avenue will be developed during the first phase of construction. After the USPO vacates, phase two will begin with the construction of the remaining portion of Building B at 504 Myrtle Avenue (referred to as Building B2). Building B1 and Building B2 will be connected upon completion of phase two (collectively referred to as Building B); they will share a lobby and all building systems. The cellar at Building B1 will provide the required parking for Building A and the cellar at Building B2 will provide the required parking for Building B.

The development at Building A will include limited excavation of soils in the existing cellar for the layout of building footings. Excavation at Building B1 and B2 will extend to approximately 11 feet below grade for the layout of cellar foundations. The cellar slab in both buildings will be installed at 10 feet 6 inches below the sidewalk elevation and the cellar slab will be approximately 6 inches in thickness. The cellar slab will be poured on top of a 6 inch layer of gravel fill installed at the bottom of excavation. An elevator shaft will be located in the central portion of each building. The bottom of the proposed elevator shaft slabs will be approximately 5 feet 6 inches below cellar slab elevation. No landscaped or open areas will exist on the Site. The building will occupy the entire footprint of the lots.

The two developments will be separated into two VCP projects for administrative purposes, and will be identified as 490 Myrtle Avenue (Building A) and 504 Myrtle Avenue (Building B), Brooklyn, New York, respectively. Site A has been previously given an OER Project Number 11EH-N012K.

Summary of Past Uses of Site and Areas of Concern

Based upon the review of the Fire Insurance Maps and Regulatory Agency documents from the Phase I Environmental Site Assessment (ESA) Reports prepared by Singer Environmental Group, LTD and Hydro Tech Environmental, Corp. in April 2010, July 2012 and November 2012, a Site history was established. The Site was historically developed with 3-stroy residential buildings prior to 1887 and two 1-story commercial buildings since 1950. Commercial uses of environmental concern consisted a drycleaners at 500 Myrtle Avenue (eastern portion of Site A) from 1969 to 1992, at 486 Myrtle Avenue (western portion of Site

A) in 1934, and at 504-510 Myrtle Avenue (western portion of Site B) from approximately 1992 to 2012.

The AOCs identified for this Site include:

- Presence of historic fill material
- Current and historic dry cleaning operations
- Presence of aboveground and suspect underground storage tanks
- Presence of chlorinated solvents in groundwater
- Presence of potential vapor encroachment conditions

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. Performed a Ground Penetrating Radar (GPR) survey;

3. Installed nine (9) soil borings at Site A and ten (10) soil borings at Site B, and collected thirty (30) soil samples for chemical analysis from the soil borings to evaluate soil quality; these included fourteen (14) shallow soil samples from zero to 2 feet below cellar floor and one (1) shallow soil sample from zero to 2 feet below grade (bgs), three (3) deep soil samples were collected at 9 to 10 feet, 12 to 14 feet and 13 to 14 feet bgs and twelve (12) deep samples were collected below cellar floor and consisted of two (2) samples at 2-4 feet, four (4) samples at 4 to 6 feet, one (1) sample at 7 to 8 feet, three (3) samples at 8 to 10 feet and two (2) samples at 10 to 12 feet.

4. Installed one on-site and one off-site groundwater monitoring wells at Site A and one off-site well at Site B to establish groundwater flow and collected four (4) groundwater samples for chemical analysis to evaluate groundwater quality;

5. Installed three (3) sub-slab and four (4) soil vapor probes around the perimeter of Site A and one (1) sub-slab and three (3) soil vapor probes around the perimeter of Site B and collected eleven (11) samples for chemical analysis.

6. Two (2) indoor air samples were collected at Site A and one (1) indoor air sample was collected at Site B for chemical analysis. Two (2) outdoor air samples were also collected for chemical analysis.

Summary of Environmental Findings

1. Elevation of the property ranges is approximately 56 feet.
2. Depth to groundwater ranges from 46.9 to 49.9 feet at the Site.
3. Groundwater flow is generally from northeast to southwest beneath the Site.
4. Depth to bedrock is in excess of 70 feet at the Site. Cobbles and boulders were encountered between 20 and 35 feet bgs.
5. The stratigraphy of the Site, from surface down, consists of historic fill ranging in thickness from zero to 9 feet (brown coarse to fine grained sand with varying amounts of silt and gravel). The fill layer is underlain by a layer of silt to variable depths ranging from 22 to 25 feet bgs (light brown sand with varying amount of silt). The silt layer is underlain by a layer of sand and gravel with to approximate depth of 72 feet.
6. Soil/fill samples collected during the RI showed no PCBs contamination in both shallow and deep soil samples at Site A and Site B. VOCs were detected in shallow and deep soil samples collected at Site A and Site B at concentrations that fell below Track 1 Unrestricted Use SCOs. PCE was detected in 3 of 9 shallow soil samples collected at Site A (maximum 28.7 µg/kg) and in 4 of 6 shallow samples at Site B (maximum 58 µg/kg). PCE was also detected in 3 of 9 deep soil samples at Site A (maximum 1,360 µg/kg) and did not occur in any of the six deep samples at Site B. Total xylenes were only detected in 1 shallow soil sample at Site A (1.87 µg/kg) and Acetone was detected in 1 shallow soil samples at Site B (39 µg/kg). SVOCs were detected in 4 of 9 shallow samples at Site A and in 5 of 6 shallow samples at Site B. In the deeper soil samples, SVOC's were not detected at Site B with few detections at Site A. SVOC's including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene and indeno(1,2,3-cd)pyrene were detected 2 of 6 shallow soil sample at Site B and also in 1 of 9 deep soil samples at Site A at concentrations that exceeded the Restricted Use (Track 2) Residential SCOs. Total SVOCs in shallow soils at Site B ranged from none detected to

19,758 µg/kg. Total SVOCs in deep soils at Site A ranged from none detected to 98,570 µg/kg. The SVOC's are PAH compounds and are attributed to the presence of historic fill material at the property. Pesticides including Endrin (maximum of 1,800 µg/kg), DDD (maximum 5.64 µg/kg), DDE (maximum of 340 µg/kg) and DDT (maximum of 2,900 µg/kg) were detected in 4 of 6 shallow soil samples at Site B and in 2 shallow and 1 deep soil samples at Site A at concentrations above the Track 1 SCOs, with DDT also exceeded the Track 2 Residential SCO in 1 shallow soil sample at Site B. Metals were detected in both shallow and deep soils at both Site A and Site B. At Site A, nickel (maximum of 257 mg/kg), mercury (maximum of 0.227 mg/kg) and manganese (maximum of 5,340 mg/kg) were detected in 3 of 9 shallow samples at concentrations above Track 1 SCOs, and of these, nickel, and manganese also exceeded the Track 2 Residential SCOs. At Site B metals including lead (maximum of 1,960 mg/kg), barium (maximum of 1,270 mg/kg), chromium trivalent (maximum of 48.6 mg/kg), copper (maximum of 132 mg/kg), mercury (maximum of 1.1 mg/kg), nickel (maximum of 38.2 mg/kg) and zinc (maximum of 725 mg/kg) were detected in 5 of 6 shallow soil samples at concentrations above Track 1 SCOs, and of these, barium, chromium, lead and mercury also exceeded the Track 2 Residential SCOs. In deeper soils, nickel (maximum of 39 mg/kg), mercury (maximum of 0.187 mg/kg), chromium trivalent (maximum of 30.6 mg/kg) and manganese (maximum of 5,680 mg/kg) were detected in 2 deep samples at concentrations above Track 1 SCOs, and of these, only manganese exceeded the Track 2 Residential SCOs. Manganese was also detected in 1 deep sample at Site B at concentration above the Track 2 Residential SCOs

7. Groundwater samples collected during the RI showed 2 chlorinated VOCs including PCE (maximum of 18 ug/l) and chloroform (maximum of 10.7 ug/l) in 2 of the 3 monitoring wells installed at the Site. PCE was detected in 2 wells and Chloroform was detected in 1 well at concentrations exceeding 6NYCRR Part 703.5 Class GA Groundwater Quality Standards (GQS). PCE was detected in soil samples on the property and therefore the presence of chlorinated VOCs in groundwater beneath the Site is likely to be attributed to the historic dry cleaning operations at the property. No SVOCs, pesticides or PCBs were detected in groundwater samples. Two dissolved metals including iron and Sodium were detected in groundwater beneath the Site above GQS, which are likely to reflect a regional impact.

8. Sub slab and soil vapor samples collected during the RI showed a wide range of compounds throughout the property including BTEX and associated derivative compounds and chlorinated hydrocarbons. BTEX and associated derivatives were found in all soil vapor samples and included a wide number of compounds. Concentrations of these compounds generally fell below 260 ug/m3. These compounds were not identified in soil or groundwater on the property and are not believed to be associated with an onsite source area. Chlorinated hydrocarbons are also commonly observed in soil vapor samples at high concentrations across Site A and Site B. PCE was found in all samples and occurred in high concentrations ranging from 69.8 ug/m^3 to a maximum of 12,800 ug/m^3. TCE was found in 10 of the 11 vapor samples collected and ranged from 0.59 ug/m^3 to a maximum of 180 ug/m^3. A variety of other chlorinated hydrocarbon compounds are identified in many soil vapor samples. The most significant concentrations for these compounds occurred for chloroform (maximum 190 ug/m^3), and acetone (maximum 4,300 ug/m^3).

9. Indoor air sample collected during the RI identified BTEX and associated compounds and chlorinated hydrocarbons. PCE was the most abundant and occurred at a maximum of 130 ug/m^3. TCE was also detected in indoor air at a maximum of 9.8 ug/m^3. Acetone was also detected at high concentration with a maximum of 78 ug/m^3. The much lower concentrations of VOCs in the outdoor air and their presence in soil vapors would suggest that indoor air concentrations are associated with an on-site source of PVEC.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

490 Myrtle Residential Owner, LLC & 504 Myrtle Residential Owner, LLC have enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 1.01-acre site located at 490 & 504 Myrtle Avenue in Clinton Hill section of Brooklyn, New York. Mixed commercial residential use is proposed for the property. The RI work was performed between August 2011 and November 2012. 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 490 Myrtle Avenue (aka 484-502A Myrtle Avenue) and 504 Myrtle Avenue (aka 504-524 Myrtle Avenue) in the Clinton Hill section in Brooklyn, New York and is identified as Block 1905, Lots 19 (Site A) and 30 (Site B) on the New York City Tax Map, respectively. **Figure 1** shows the Site location. The Site is 44,000-square feet in size and consists of two developments separated by New York City sewer easement. The Site is bounded by Myrtle Avenue to the north, Hall Street to the west, multi-story residential co-op to the south and a multi-story mixed commercial residential building to the east. A map of the site boundary is shown in **Figure 2**.

Site A or 490 Myrtle Avenue (Lot 19) is a rectangular shaped parcel approximately 19,500 square feet in size that is currently developed with a 1-story commercial building with a full cellar. Six commercial units are located at Site A, five of which are vacant and one is currently occupied by a supermarket.

Site B or 405 Myrtle Avenue (Lot 30) is also a rectangular shaped parcel approximately 24,500 square feet in size that is currently developed with a 1-story commercial building with localized partial cellars. Six commercial units are located at Site B, three of which are currently vacant and the remaining three units are occupied by a dry cleaner, retail store and a United States Post Office ("USPO"). The dry cleaner and retail stores at the property will be vacated

prior to Site redevelopment and the USPO, which is located in the eastern portion of 504 Myrtle Avenue or Site B will be vacated by May 31, 2014.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of two new mixed commercial and residential use buildings with full cellars. Site A will be constructed with a 7-story building and Site B will be developed with an 8-story building. The construction at the Site will be completed over two phases; it is anticipated that Building A at 490 Myrtle Avenue and the western portion of Building B (to be referred to as Building B1) at the vacated half of 504 Myrtle Avenue will be developed during the first phase of construction. After the USPO vacates, phase two will begin with the construction of the remaining portion of Building B at 504 Myrtle Avenue (referred to as Building B2). Building B1 and Building B2 will be connected upon completion of phase two (collectively referred to as Building B) and they will share building systems.

The cellar in Building A will be utilized for storage space and service rooms. Commercial space will occupy the first floor of Building A. The cellar at Building B1 will provide the required parking for Building A and the cellar at Building B2 will provide the required parking for Building B and will also consist of storage space, services rooms. One elevator pit will be situated in the central portion of each building. The depth to elevator pit slabs will be approximately 5 feet 6 inches in both Building A and Building B.

The development at Building A will include limited excavation of soils in the existing cellar for the layout of building footings. Excavation at Building B1 and B2 will extend to approximately 11 feet below grade for the layout of cellar foundations. The cellar slab in both buildings will be installed at 10 feet 6 inches below the sidewalk elevation and the cellar slab will be approximately 6 inches in thickness. The cellar slab will be poured on top of a 6 inch layer of gravel fill installed at the bottom of excavation. An elevator shaft will be located in the central portion of each building. The bottom of the proposed elevator shaft slabs will be approximately 5 feet 6 inches below cellar slab elevation. No landscaped or open areas will exist on the Site. The building will occupy the entire footprint of the lots. These proposed buildings will be identified as 490 Myrtle Avenue (Building A) and 504 Myrtle Avenue (Building B) Brooklyn, New York.

The two developments will be separated into two VCP projects for administrative purposes, and will be identified as 490 Myrtle Avenue (Building A) and 504 Myrtle Avenue (Building B), respectively. Site A has been previously given an OER Project Number 11EH-N012K.

The layout of the proposed site development is presented in **Figure 3**. The current zoning designation is R7A residential district with C2-4 commercial overlay. The proposed use is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

The Site is located in a commercial and residential neighborhood. There are no surface bodies or regulated wetlands on or adjacent to the Site. Myrtle Avenue is located to the north of the Site and Hall Street is located to the west. A 6-story mixed commercial residential building is located to the east of the Site; two 16 story residential co-op buildings are located to the south.

Within 500 feet radius of the Site, there are a variety of land uses including: commercial, industrial, institutional (Pratt Institute), public park, residential (multi-story residential apartments) and mixed-residential/commercial use. Properties located within 1/4 mile radius of the Site are R5A, R6A, R7A, R7-1 and R8A residential districts with C-2-2 and C2-4, commercial overlay, and M1-2 manufacturing district.

A sensitive receptor identified as a medical office "Olga Badem, MD" exists within 200 feet to the west of Site. The land uses include commercial and residential use.

Figure 4 shows the surrounding land usage.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

Based upon the review of the Fire Insurance Maps and Regulatory Agency documents from the Phase I Environmental Site Assessment (ESA) Reports prepared by Singer Environmental Group, LTD and Hydro Tech Environmental, Corp. in January 1997, April 2010, July 2012 and November 2012, a Site history was established. The Site was historically developed with 3-stroy residential buildings prior to 1887 and two 1-story commercial buildings since 1950. Commercial uses of environmental concern consisted a drycleaners at 500 Myrtle Avenue (eastern portion of Site A) from 1969 to 1992, at 486 Myrtle Avenue (western portion of Site A) in 1934, and at 504-510 Myrtle Avenue (western portion of Site B) from approximately 1992 to 2012.

2.2 Previous Investigations

Previous investigations performed at the Site included the following:

- Phase I Environmental Site Assessment (ESA), 510-524 Myrtle Avenue, January 1997, Singer Environmental Group, Ltd.,
- Phase I Environmental Site Assessment (ESA), 484-502A Myrtle Avenue, April 2010, Singer Environmental Group, Ltd.,
- Phase II Environmental Site Investigation, 504 Myrtle Avenue, October 2010, Warren & Panzer Engineers P.C.,
- Phase II Subsurface Investigation, 484-502A Myrtle Avenue, November 2011, Associated Environmental, Ltd.,
- Groundwater Sampling Results, 484-502A Myrtle Avenue, September 2012, Associated Environmental, Ltd.,
- Phase I Environmental Site Assessment (ESA), 490-504 Myrtle Avenue, July 1012, Hydro Tech Environmental, Corp.,
- Subsurface Investigation, 502-504 Myrtle Avenue, June 2012, Hydro Tech Environmental, Corp.,

- Monitoring well Installation, 504 Myrtle Avenue, September 2012, Hydro Tech Environmental, Corp.,
- Geotechnical Engineering Report, 490 Myrtle Avenue, July 2009, Geo Tech Consultants, LLC.
- Draft Geotechnical Boring Logs, 490-504 Myrtle Avenue, Carlin-Simpson & Associates, December 4, 2012.
- Phase I Environmental Site Assessment (ESA), 490-504 Myrtle Avenue, November 1012, Hydro Tech Environmental, Corp.,

Appendix A provides all previous environmental investigations.

2.3 Site Inspection

Visual inspection of the Site was performed at Site A and Site B by Shemon Singer of Singer Environmental Group, Ltd., on December 26, 1996 and March 25, 2010, respectively, and at both Site A and Site B by Mark Chin of Hydro Tech Environmental, Corp. on June 12, 2012 and by Sasha Rothenberg of Hydro Tech Environmental, Corp. on November 15, 2012.

Site A and Site B were each developed with a 1-story commercial building. Until November 2012 the building at Site A was occupied by an active supermarket and the following closed stores, a chinese restaurant, bagel shop, deli, candy store, and beauty supply. The building at Site B contained dry cleaner, post office, beauty supply shop and cell phone store and two (2) vacant units. The Phase I ESAs determined the presence of historic fill beneath the Site, the presence of suspect USTs, the presence of a suspect inactive 1,500 gallon fuel oil UST beneath the cellar at the USPO and a 275 gallon fuel oil active AST at the active dry cleaner, the E designation for Hazmat/Noise, the current and historical on-site dry cleaning operations, the presence of PCE in groundwater and the presence of potential vapor encroachment conditions as RECs.

The topography of the Site is described as slightly declined to the east. The topography of the Site vicinity is slightly declined to the north and northeast. The ground surfaces in the vicinity of the Site consist of asphalt and concrete. No visual evidence of releases or threatened releases of hazardous substances/petroleum products was indentified at the Site.

2.4 Areas of Concern

Based upon the results of the previous investigations, the AOCs identified for this Site include:

- Presence of historic fill material
- Current and historic dry cleaning operations
- Presence of aboveground and suspect underground storage tanks
- Presence of chlorinated solvents in groundwater
- Presence of potential vapor encroachment conditions

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 E. Robbins.

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. Hazardous waste, concentrated soil or semi-solid substances, soils with free product or NAPL and/or grossly contaminated media were not generated during the investigation.

4.0 REMEDIAL INVESTIGATION ACTIVITIES

The following is the scope of work that summarizes the remedial investigatory efforts at 490 Myrtle Avenue or Site A and 504 Myrtle Avenue or Site B.

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Performed a Ground Penetrating Radar (GPR) survey;
3. Installed nine (9) soil borings at Site A and ten (10) soil borings at Site B, and collected thirty (30) soil samples for chemical analysis from the soil borings to evaluate soil quality; these included fourteen (14) shallow soil samples from zero to 2 feet below cellar floor and one (1) shallow soil sample from zero to 2 feet below grade (bgs), three (3) deep soil samples were collected at 9 to 10 feet, 12 to 14 feet and 13 to 14 feet bgs and twelve (12) deep samples were collected below cellar floor and consisted of two (2) samples at 2-4 feet, four (4) samples at 4 to 6 feet, one (1) sample at 7 to 8 feet, three (3) samples at 8 to 10 feet and two (2) samples at 10 to 12 feet.
4. Installed one on-site and one off-site groundwater monitoring wells at Site A and one off-site well at Site B to establish groundwater flow and collected four (4) groundwater samples for chemical analysis to evaluate groundwater quality;
5. Installed three (3) sub-slab and four (4) soil vapor probes around the perimeter of Site A and one (1) sub-slab and three (3) soil vapor probes around the perimeter of Site B and collected eleven (11) samples for chemical analysis.
6. Two (2) indoor air samples were collected at Site A and one (1) indoor air sample was collected at Site B for chemical analysis. Two (2) outdoor air samples were also collected for chemical analysis.

Photographs were taken during RI activities and are provided in **Appendix B**.

4.1 Geophysical Investigation

A geophysical survey consisting of Ground Penetrating Radar (GPR) survey was performed at accessible portions of Site A during September 2011 and Site B during November 2012. The purpose of the geophysical survey was to identify the presence of any suspect USTs.

The survey was performed over a grid pattern that was determined immediately prior to the survey. The GPR operator wheeled the antenna over the predetermined grid. The GPR takes one "scan" per set unit. The number of scans per unit is based upon the estimated size of targets. As each scan is performed, the antenna emits specific radar amplitude into the subsurface. The amplitude of the radar reflected back to the antenna is based upon the differences in the dielectric constants of the subsurface materials. The differences in amplitude obtained during each scan are graphically displayed on the Control Unit, which are then interpreted by the GPR operator. Additional interpretations are then conducted in the office using computer software.

The GPR survey was performed over limited portions of the subject areas due to access limitations. The GPR could not be performed in the vacant unit in the eastern portion of Site A. The GPR survey at Site B was limited to the two vacant commercial units and alleys inside the dry cleaner. The GPR survey at the Site identified no anomalies indicative of USTs.

Appendix C provides the GPR Summary Report.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

A total of nineteen (19) soil probes were installed and sampled at the Site. Nine (9) soil probes designated B-1 to B-4 and SP-11 to SP-15 were installed across Site A. Ten (10) soil probes designated SP-1 to SP-6 and SB-1 to SB-4 were installed across Site B. Soil probes SB-1 to SB-4 were installed to 2 feet below existing cellar floor. Soil probes SP-1, SP-2 and SP-5 were installed to 14 feet below grade and the remaining soil probes were installed across the Site to depths between 6 to 8 feet below existing cellar floor.

All soil probes were installed utilizing Geoprobes® fitted with Geoprobe® tooling and sampling equipment. Soil samples were collected utilizing a 4-foot long Macro Core sampler fitted with dedicated acetate liners. Each Macro Core was cut open and immediately. A geologist logged the lithology of soil sample at two-foot intervals following the characterization and screening of samples with a Photo Ionization Detector (PID) for VOCs, prior to collecting the required samples for laboratory analysis. Boring logs included PID readings, visual/olfactory observations and soil classification utilizing the Unified Soil Classification System

Boring logs were prepared by a geologist and are attached in **Appendix D**. A map showing the location of soil borings is shown in **Figure 6**. Soil samples from each boring were screened by visual and olfactory means and for organic vapors using a calibrated PID. Results of soil screening are recorded on the soil boring logs.

Groundwater Monitoring Well Construction

Three (3) groundwater monitoring wells designated MW-1, MW-1A, MW-2 were installed at the Site during the RI. MW-1 and MW-1A were installed off-site in the sidewalks in the north-adjacent vicinity of Site B and northwest-adjacent vicinity of Site A. MW-2 was installed in the southwestern portion of Site A. All three monitoring wells were installed utilizing hallow stem auger drilling method. The total depth of monitoring well MW-1A is 57 feet and MW-1 and MW-2 is 60 feet. Monitoring wells MW-1A and MW-2 are constructed of 2-inch diameter PVC and MW-1 is constructed of 1-inch diameter PVC. The well screens consist of 0.020-inch slots and approximately 15 feet from the bottom of the well to approximately 5 feet above the groundwater level. The remaining portion of each of these wells consisted of a riser.

Monitor well locations are shown in **Figure 6**.

Survey

Land survey was used to identify the location of monitor wells. The elevation of all installed and existing monitoring were surveyed relative to a permanent surface benchmark. A qualified geologist performed all survey work reported in this RIR. The surveyor is Paul I. Matli.

Water Level Measurement

One round of static water levels was obtained prior to groundwater purging and sampling to determine groundwater elevation and groundwater flow direction. Water level data is included in **Table 1**. Groundwater head measurements were collected utilizing a Solinst® 122 Oil/Water Interface Probe (Interface Probe). The Interface Probe can measure depths to water to 0.01 inch. The depth to water was measured in each well from the northern portion of the casing top.

Soil Vapor and Sub-Slab Vapor Boring Construction

Four (4) sub slab vapor probes and seven (7) soil vapor probes were installed during this RI. Four (4) soil vapor probes designated SV-7 to SV-10 and three (3) sub slab vapor probes designated SS-1 to SS-3 were installed throughout the perimeter of Site A. Three (3) soil vapor probes designated SV-4 to SV-6 and one (1) sub slab vapor probe designated SSAS-1 were installed throughout the perimeter of Site B. Soil vapor probe SV-5 was installed to 13 feet bgs and the remaining soil vapor probes were installed to approximately 6 feet below the existing cellar slabs. A map showing the locations of soil vapor borings is shown in **Figure 6.** The probes were constructed with inert tubing. Vapor implants were sealed to the surface with non-VOC containing product. After installation of the probes, one to three volumes were purged prior to collecting the samples.

The soil vapor probes were installed utilizing similar technology as the soil probes in accordance with the NYSDOH Guidance of Evaluating Soil Vapor Intrusion, dated October 2006. Each soil vapor sampling point consisted of a stainless steel screen, or implant, fitted with dedicated polyethylene tubing. Each of the implants is of 1½-inch diameter. The soil vapor implant was installed in the subsurface soil. Glass beads were poured into the hole to fully encompass the screen implant and the hole was sealed with bentonite and quick dry-lock non VOC quick set cement.

Ambient Indoor and Outdoor Air Sampling

Three (3) indoor air samples designated AI-a-1, AI-1 and AI-2 and two (2) outdoor air sample OA-a-1 OA-1 were collected during the RI. AI-1 was collected in the cellar of a historic dry cleaner at Site B and AI-a-1 and AI-2 was collected in the cellar of historic dry cleaner at Site

A. Ambient air samples were collected in simultaneously with the soil vapor samples from typical breathing zone heights.

Prior to the indoor air sampling, the sampling area was sealed for at least 18 hours. In addition, a pre-sampling inspection was conducted in the interior portion of the buildings in accordance to the NYSDOH Indoor Air Sampling and Analysis Guidance dated February 2005. The inspection also included a product inventory of chemicals currently stored inside the buildings and a preliminary screening of indoor vapor concentrations utilizing a Photoionization Detector (PID).

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

A total of thirty (30) soil samples were collected from the Site for laboratory analysis; these included fourteen (14) shallow soil samples from zero to 2 feet below cellar floor and one (1) shallow soil sample from zero to 2 feet below grade (bgs), three deep soil samples were collected at 9 to 10 feet, 12 to 14 feet and 13 to 14 feet bgs and twelve (12) deep samples were collected below cellar floor and consisted of two (2) samples at 2-4 feet, four (4) samples at 4 to 6 feet, one (1) sample at 7 to 8 feet, three (3) samples at 8 to 10 feet and two (2) samples at 10 to 12 feet.

Soil samples from soil borings were collected utilizing a 4-foot long Macro Core sampler fitted with dedicated acetate liners. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in **Table 2**. **Figure 6** shows the

location of samples collected in this investigation. Laboratories and analytical methods are shown below.

The soil samples were handled in accordance with quality assurance/quality control (QA/QC) protocols. Each piece of sampling or other down hole equipment was decontaminated prior to each use in order to ensure that cross-contamination between sampling locations did not occur. To assess the quality of samples collected in the field, QA/QC samples were collected and. These included a field blank and a trip blank.

All soil samples were properly handled and placed into the appropriately labeled containers. All samples were transmitted under proper chain of custody procedures to a State-certified (ELAP) laboratory for confirmatory laboratory analyses.

Groundwater Sampling

Four (4) groundwater samples were collected for chemical analysis during this RI. Groundwater samples were collected using USEPA's 1996 low stress (low flow) purging and sampling procedure. The low flow was accomplished with a Stainless Steel Mega-Typhoon Model Pump & Controller.

The groundwater samples were collected in accordance with quality assurance/quality control (QA/QC) protocols. Each piece of sampling or other down hole equipment was decontaminated prior to each use in order to ensure that cross-contamination between sampling locations did not occur. To assess the quality of samples collected in the field, QA/QC samples were collected and. These included a field blank and a trip blank.

All water samples were collected in laboratory supplied jars, properly labeled with the well number, the date and time of sampling, the analytical requirements, and then placed on ice for the duration of the sampling and transport to the laboratory. A chain of custody form was completed at the time of sampling and maintained until disposition of the samples at the laboratory.

Information on purging and sampling of groundwater monitor wells is included in **Appendix E**. Groundwater sample collection data is reported in **Table 3**. **Figure 6** shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Soil Vapor and Air Sampling

Seven (7) soil vapor samples and four (4) sub slab vapor samples were collected for chemical analysis during this RI. Soil vapor and sub slab vapor sampling locations are shown in **Figure 6.** Soil vapor sample collection data is reported in **Table 4**. Soil vapor sampling logs are included in **Appendix F**. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

A vapor sample from each soil and sub slab vapor probe was collected utilizing 6 liter pre-cleaned, passivated, evacuated whole air Summa® Canister with an 8-hour laboratory flow regulator. In order to insure the integrity of the borehole seal and to verify that ambient air is not inadvertently drawn into the sample, a tracer gas, Helium, was used to enrich the atmosphere in the immediate vicinity of the sampling location. Plastic sheeting was used to keep the tracer gas in contact with the soil vapor probe during the sampling. A portable monitoring device MGD-2002 Helium-Hydrogen Lead Detector; Model 83-219, was utilized to monitor a real time air sample from each soil vapor sampling point for Helium prior and after sampling. Helium detector readings ranged between 20 µg/L and 30 µg/L indicating the tracer gas was not detected. Following verification that the surface seal was tight and prior to soil vapor sampling, approximately 0.3 ml of air was purged out of all vapor points utilizing a syringe.

Three (3) indoor air samples designated AI-a-1, AI-1 and AI-2 and two (2) outdoor air sample OA-a-1 OA-1 were collected at the same time as the soil vapor samples utilizing 6-liter Summa Canisters fitted with 8-hour laboratory flow regulator.

The Summa Canisters were calibrated for 8 hours and the soil vapor and ambient air sampling was performed for a time period of 8 hours. The initial vacuum (inches of mercury) and start time was recorded immediately after opening each Summa Canister. After the sampling was complete, the final vacuum and top time was recorded. At the conclusion of sampling, each Summa was labeled and sent to a laboratory certified to perform air analysis in New York State.

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 Chaitanya Bijoor, Mr. Mark E. Robbins, and Gregory Ernst
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and were Chemtech, York Analytical laboratories, Inc., Analytical Chemists Laboratory, Phoenix Environmental Laboratories, Inc., Environmental Quality Services, Inc. and Alpha Analytical.
Chemical Analytical Methods	Soil analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); EPA Method 7470/7471 and SM4500; • VOCs by EPA Method 8260C (rev. 2006); EPA Method 8260B; • SVOCs by EPA Method 8270D (rev. 2007); EPA Method 8270C; • Pesticides by EPA Method 8081B (rev. 2000); by EPA Method 8081A; • 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); EPA Method 8260B; • SVOCs by EPA Method 8270D (rev. 2007); EPA Method 8270C; • Pesticides by EPA Method 8081B (rev. 2000);

	• PCBs by EPA Method 8082A (rev. 2000); Soil and ambient air vapor analytical methods: • VOCs by TO-15 VOC parameters.

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in **Table 2, 3** and **4**, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in **Appendix G, H** and **I**.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

The Site is located in the northwestern portion of the borough of Brooklyn, New York. The elevation of the Site is approximately 56 feet above mean sea level (USGS 7 ½-Minute Brooklyn, New York Quadrangle, 1969, Photorevised 1979).

Stratigraphy

The stratigraphy of the Site, from surface down, consists of historic fill ranging in thickness from zero to 9 feet (brown coarse to fine grained sand with varying amounts of silt and gravel). The fill layer is underlain by a layer of silt to variable depths ranging from 22 to 25 feet bgs (light brown sand with varying amount of silt). The silt layer is underlain by a layer of sand and gravel with to approximate depth of 72 feet. Cobbles and boulders were encountered between 20 and 35 feet bgs. Boring logs describing surface conditions are presented in **Appendix C**.

Hydrogeology

A table of water level data for all monitor wells is included in **Table 1**. The average depth to groundwater is 48.6 feet and the range in depth is 46.9 to 49.9 feet. A map of groundwater level elevations with groundwater contours and inferred flow lines is shown in **Figure 7**. Groundwater flow is from northwest to southwest.

5.2 Soil Chemistry

Soil/fill samples collected during the RI showed no PCBs contamination in both shallow and deep soil samples at Site A. VOCs were detected in shallow and deep soil samples collected at Site A that fell below Track 1 Unrestricted Use SCOs. PCE was detected in 3 of 9 shallow soil samples (maximum 28.7 µg/kg) and 3 of 9 deep soil samples (maximum 1,360 µg/kg) at Site A. Total xylenes were only detected in 1 shallow soil sample at Site A (1.87 µg/kg). SVOCs were detected in 4 of 9 shallow samples at Site A. SVOC's including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene and indeno(1,2,3-cd)pyrene were detected in 1 of 9 deep soil samples at Site A at concentrations that exceeded the Restricted Use (Track 2) Residential SCOs. Total SVOCs in deep soils at Site A ranged from none detected to 98,570 µg/kg. The SVOC's are PAH compounds and are attributed to the presence of historic fill material at the property. Pesticides including DDD (maximum 5.64

µg/kg), DDE (maximum of 43.8 µg/kg) and DDT (maximum of 88.4 µg/kg) were detected in 2 shallow and 1 deep soil samples at Site A at concentrations above the Track 1 SCOs. Metals were detected in both shallow and deep soils at Site A. Metals including nickel (maximum of 257 mg/kg), mercury (maximum of 0.227 mg/kg) and manganese (maximum of 5,340 mg/kg) were detected in 3 of 9 shallow samples at concentrations above Track 1 SCOs, and of these, nickel, and manganese also exceeded the Track 2 Residential SCOs. In deeper soils, nickel (maximum of 39 mg/kg), mercury (maximum of 0.187 mg/kg), chromium trivalent (maximum of 30.6 mg/kg) and manganese (maximum of 5,680 mg/kg) were detected in 2 deep samples at concentrations above Track 1 SCOs, and of these, only manganese exceeded the Track 2 Residential SCOs.

Soil/fill samples collected during the RI showed no PCBs contamination in both shallow and deep soil samples at Site B. VOCs were detected in shallow and deep soil samples collected at Site B at concentrations that fell below Track 1 Unrestricted Use SCOs. PCE was detected in 4 of 6 shallow samples at Site B (maximum 58 µg/kg). PCE did not occur in any of the six deep soil samples at Site B. Acetone was detected in 1 shallow soil samples at Site B (39 µg/kg). SVOCs were detected in 5 of 6 shallow samples but were not detected in deep soil samples at Site B. SVOC's including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene and indeno(1,2,3-cd)pyrene were detected in 2 of 6 shallow soil sample at Site B at concentrations that exceeded the Restricted Use (Track 2) Residential SCOs. Total SVOCs in shallow soils at Site B ranged from none detected to 19,758 µg/kg. The SVOC's are PAH compounds and are attributed to the presence of historic fill material at the property. Pesticides including Endrin (maximum of 1,800 µg/kg), DDE (maximum of 340 µg/kg) and DDT (maximum of 2,900 µg/kg) were detected in 4 of 6 shallow soil samples at Site B at concentrations above the Track 1 SCOs. The concentration of DDT detected also exceeded the Track 2 Residential SCO in 1 shallow soil sample at Site B. Metals were detected in both shallow and deep soils at Site B. Metals including lead (maximum of 1,960 mg/kg), barium (maximum of 1,270 mg/kg), chromium trivalent (maximum of 48.6 mg/kg), copper (maximum of 132 mg/kg), mercury (maximum of 1.1 mg/kg), nickel (maximum of 38.2 mg/kg) and zinc (maximum of 725 mg/kg) were detected in 5 of 6 shallow soil samples at concentrations above Track 1 SCOs, and of these, barium, chromium, lead and mercury also exceeded the Track 2 Residential SCOs. In deeper soils, manganese was detected in 1 deep soil sample at Site B at a concentration above the Track 2 Residential 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**. **Figures 8** to **13** depict the locations and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Track 2 Soil Cleanup Objectives.

5.3 Groundwater Chemistry

Groundwater samples collected during the RI showed 2 chlorinated VOCs including PCE (maximum of 18 ug/l) and chloroform (maximum of 10.7 ug/l) in 2 of the 3 monitoring wells installed at the Site. PCE concentrations in 2 wells and Chloroform concentrations in 1 well exceeded 6NYCRR Part 703.5 Class GA Groundwater Quality Standards (GQS). PCE was detected in soil samples on the property and therefore the presence of chlorinated VOCs in groundwater beneath the Site is likely to be attributed to the historic dry cleaning operations at the property. No SVOCs, pesticides or PCBs were detected in groundwater samples. Two dissolved metals including iron and Sodium were detected in groundwater beneath the Site above GQS, which are likely to reflect a regional impact.

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**. **Figures 14** and **15** show 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 AND INDOOR AIR CHEMISTRY

Sub slab and soil vapor samples collected during the RI showed a wide range of compounds throughout the property including BTEX and associated derivative compounds and chlorinated hydrocarbons. BTEX and associated derivatives were found in all soil vapor samples and included a wide number of compounds. Concentrations of these compounds generally fell below 260 ug/m3. These compounds were not identified in soil or groundwater on the property and are not believed to be associated with an onsite source area. Chlorinated hydrocarbons are also commonly observed in soil vapor samples at high concentrations across Site A and Site B. PCE

was found in all samples and occurred in high concentrations ranging from 69.8 ug/m^3 to a maximum of 12,800 ug/m^3. TCE was found in 10 of the 11 vapor samples collected and ranged from 0.59 ug/m^3 to a maximum of 180 ug/m^3. A variety of other chlorinated hydrocarbon compounds are identified in many soil vapor samples. The most significant concentrations for these compounds occurred for chloroform (maximum 190 ug/m^3), and acetone (maximum 4,300 ug/m^3).

Indoor air sample collected during the RI identified BTEX and associated compounds and chlorinated hydrocarbons. PCE was the most abundant and occurred at a maximum of 130 ug/m^3. TCE was also detected in indoor air at a maximum of 9.8 ug/m^3. Acetone was also detected at high concentration with a maximum of 78 ug/m^3. The much lower concentrations of VOCs in the outdoor air and their presence in soil vapors would suggest that indoor air concentrations are associated with a on-site source of PVEC. These results indicate that there is a need for remedial action to protect occupants of buildings constructed onsite from exposure to soil vapors.

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 and ambient air samples is included in **Table 4**. **Figure 16** shows the location and posts the values for soil vapor samples with detected concentrations.

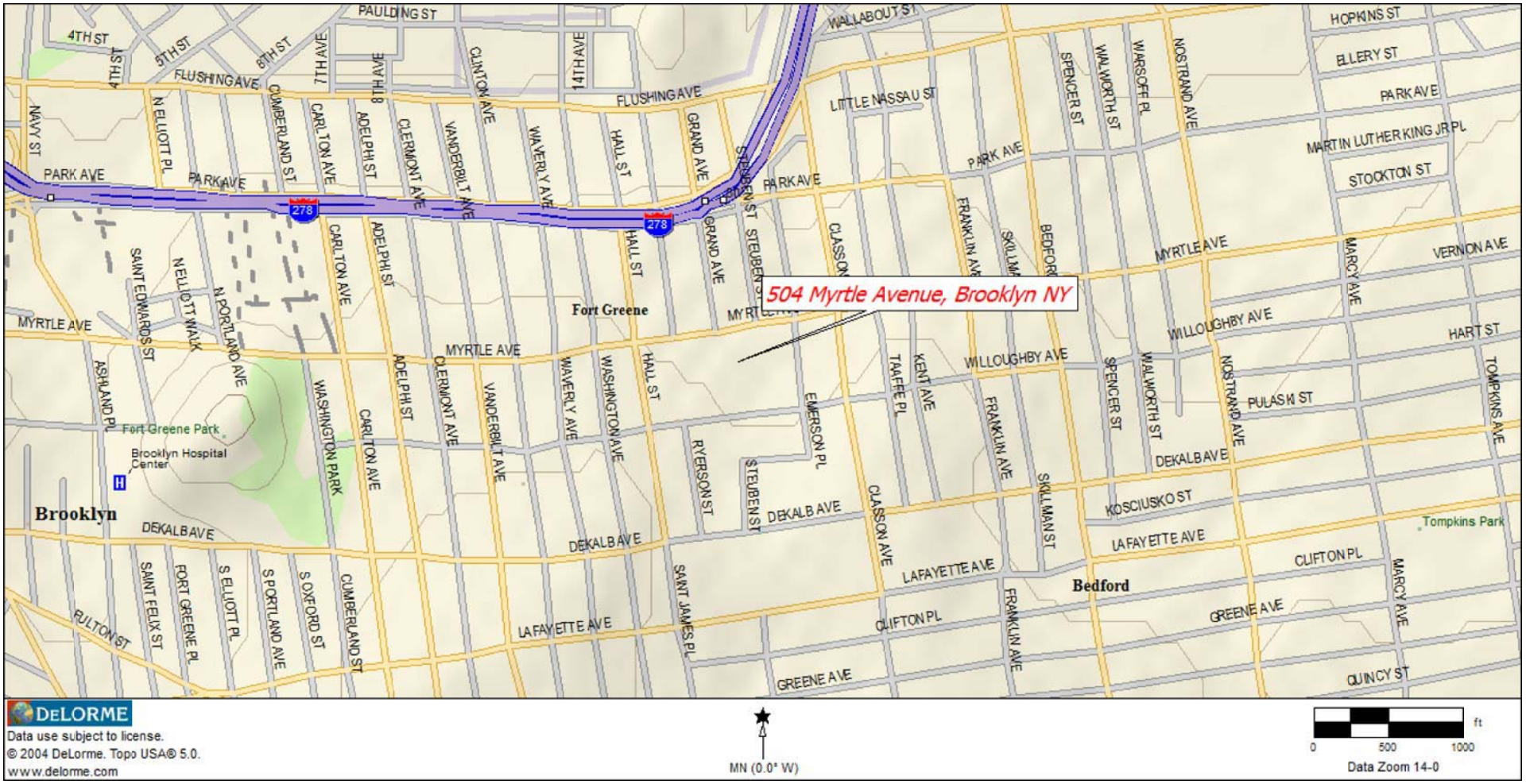
5.5 Prior Activity

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.

FIGURES



HYDRO TECH ENVIRONMENTAL CORP.

MAIN OFFICE:
77 ARKAY DRIVE, SUITE G
HAUPPAUGE, NEW YORK 11788
T (631)462-5866 F (631)462-5877

NYC OFFICE:
15 OCEAN AVENUE, 2nd Floor
BROOKLYN, NEW YORK 11225
T (718)636-0800 F (718)636-0900

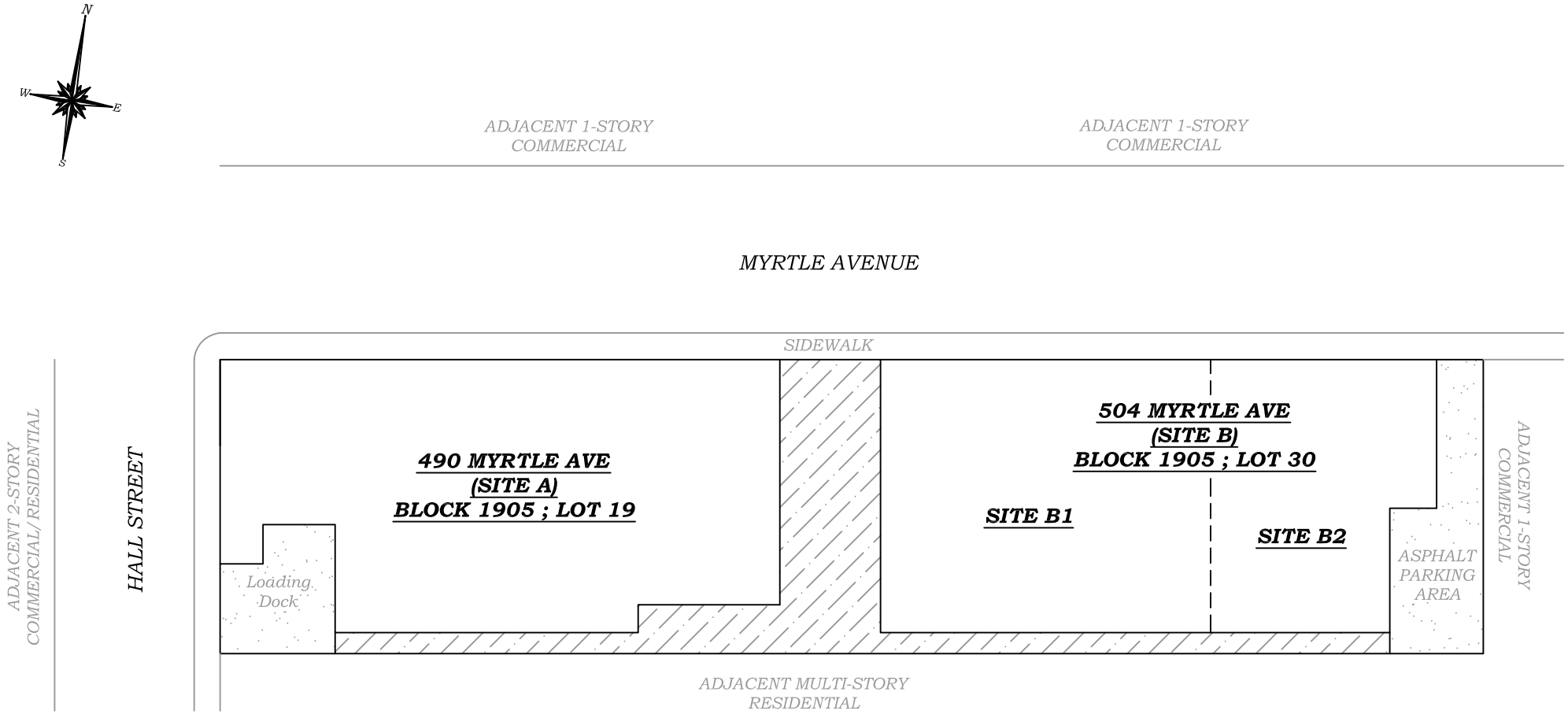
www.hydrotechenvironmental.com

490 - 504 Myrtle Avenue
Brooklyn, NY
HTE Job# 120262

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 01/09/13
Scale: AS NOTED

TITLE:

FIGURE 1: SITE LOCATION MAP



LEGEND:

CONCRETE SIDEWALKS, EASEMENT AND ALLEYS

0' 20' 40' 60'

SCALE IN FEET (FT.)

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77 ARKAY DRIVE, SUITE G
HAUPPAUGE, NEW YORK 11788
T (631)462-5866 F (631)462-5877

NYC OFFICE:
15 OCEAN AVENUE, 2nd Floor
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Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 01/09/13
Scale: AS NOTED

TITLE:

FIGURE 2: SITE BOUNDARIES

FIGURE-3
LAYOUT OF PROPOSED BUILDING

NOTE:
* OWNER SHALL PROVIDE CHILD GUARDS PER CHAPTER 12 OF THE NYC HEALTH & MENTAL HYGIENE REGULATIONS.

1 / A-200 MYRTLE AVENUE ELEVATION
SCALE : 1/8" = 1'-0"

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DATE	REVISIONS
XX-XX-12	ISSUED TO HPD FOR REVIEW AND COMMENT

asap Aufgang + Subotovsky Architecture and Planning PLLC
49 North Airmont Road, Suffern, NY 10901 tel: 845.368.0004 fax: 800.772.8304 www.asaparchitecture.com

PROPOSED NEW DEVELOPMENT FOR:
490 MYRTLE AVENUE
490 MYRTLE AVE, BROOKLYN, NEW YORK 11205

BUILDING A
MYRTLE AVE ELEVATION

REGISTERED ARCHITECT ARIEL AUFGANG 002769 STATE OF NEW YORK

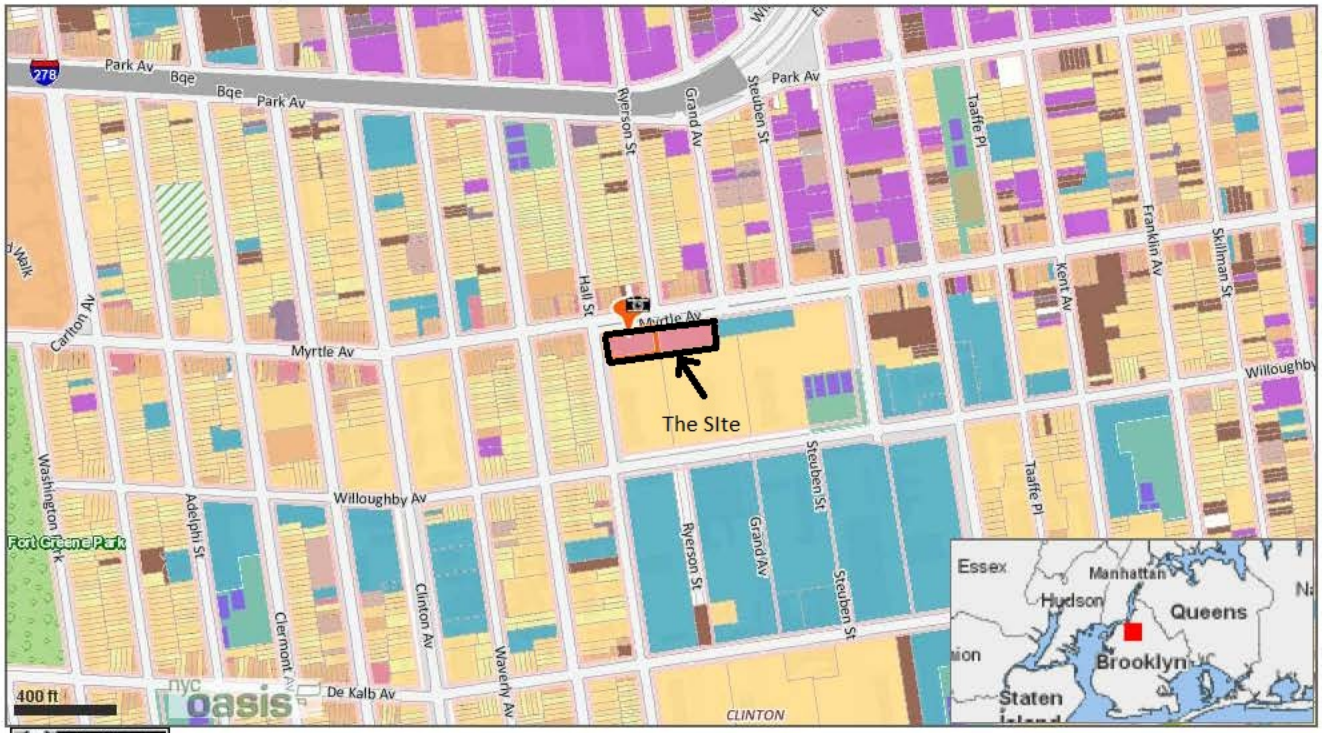
DATE:	01-09-13
PROJECT NO:	1220
DRAWN BY:	XX
CHECKED BY:	XX
DRAWING NO:	A-200.00
SCALE: AS NOTED	SHEET NO: XX of XX
NYC DOB NUMBER:	320572992

KEY PLAN
NOT TO SCALE
N

P1220_A-300

FIGURE-4
SURROUNDING LAND USE MAP

490 & 504 Myrtle Avenue, Brooklyn, NY



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Legend

Transit, Roads, Reference Features

Roads, ferries, commuter rail, neighborhood names

- Roads
- Major Roads
- Interstate Highways
- Tunnels
- Neighborhood/Town Labels
- County Boundaries
- Ferry
- Commuter Rail
- NYC subway routes and stations

Parks, Playgrounds, & Open Space

- Parks & Public Lands
- Forested Areas (NJ)
- Community Gardens
- School property with garden
- Playgrounds
- Green Spaces Along Streets
- Golf Courses
- Baseball/Soccer/Football Fields
- Tennis/Basketball/Handball Courts & Tracks
- Cemeteries

Land Use

Block/Lot Boundaries

(Building footprints in gray)

- 1 & 2 Family Residential
- Multi-family Residential
- Mixed Use
- Open space & outdoor recreation
- Commercial
- Institutions
- Industrial
- Parking
- Transportation / Utilities
- Vacant Lots

(Not all items in the legend may be visible on the map.)

Location Report

Property Information (1)

490 MYRTLE AVENUE, BROOKLYN 11205

Commercial / Office Building

Owner: OF 504 LLC
Block: 1905 **Lot:** 19
Property Characteristics:
Lot Area: 19,500 sq ft (195' x 100')
# of Buildings: 1 **Year built:** 1972
# of floors: 1 **Building Area:** 19,500 sq ft
Total Units: 6 **Residential Units:** 0
Primary zoning: R7A **Commercial Overlay:** C2-4
Floor Area Ratio: 1 **Max. FAR:** 4
FAR may depend on street widths or other characteristics. Contact City Planning Dept. for latest information.
MORE INFO:

- **Zoning Map#:** 16c (how to read NYC zoning maps)
- **Historical Zoning Maps:** 16c
- NYC Dept. of Buildings
- Property transaction records
- NYC Dept. of Finance Assessment Roll
- NYC Digital Tax Map
- NYC zoning guide
- NYC Watershed Resources

OASIS shortcut to this property:
http://oasisnyc.net/printmap.aspx?zoomto=lot:3019050019
Source: The Bytes of the Big Apple (TM) PLUTO (TM) and Tax Block & Tax Lot files are copyrighted by the New York City Department of City Planning, 2010 (ver. 10v1).

NYC Department of City Planning Census Factfinder

Find all census tracts within 0.25 mile(s) Go

YAHOO! Local search results for this address:

Know of something that's missing? Add it to YAHOO!

Stewards (2)

Brooklyn Child & Family Services
Feedback? Email Us.
Clinton Hill CSA
Feedback? Email Us.

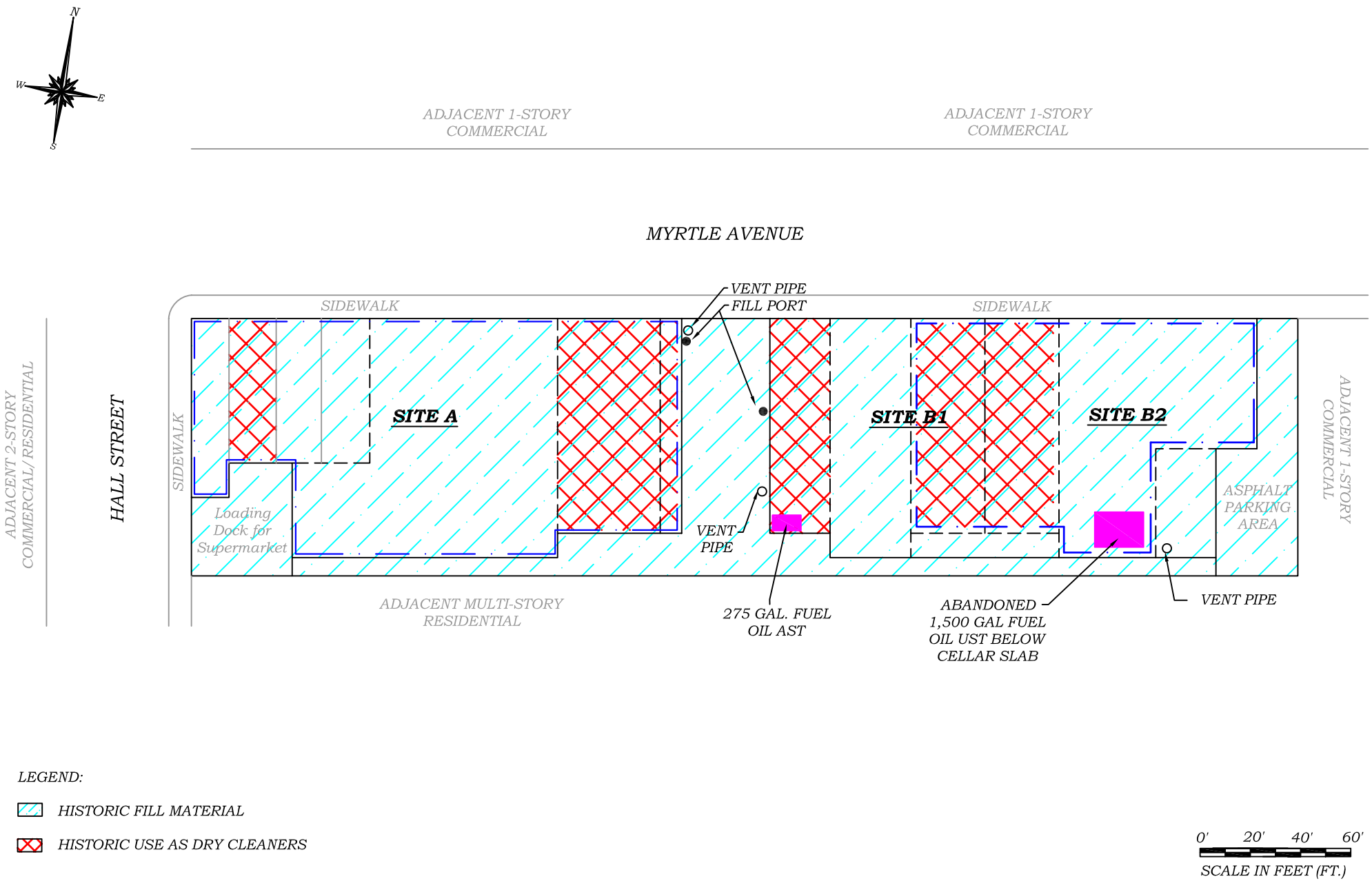
Stewards with large turfs (not mapped)

Community District (1)

Brooklyn 2 Community District Information
Chairperson: Ms. Shirley McRae
District Manager: Mr. Robert Perris
Address: 350 Jay Street, 8th Floor, Brooklyn, NY, 11201
Phone: 718-596-5410 **Email:** cb2k@nyc.rr.com
Website:
Meeting Information: Meetings are held at various locations in the CB area.
Go to District Profile by NYC Dept. of City Planning

Political Districts (5)

NYC Council: District 35
NYS Assembly: District 57
NYS Senate: District 18
US House of Representatives: District 10
US Senate: New York



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77 ARKAY DRIVE, SUITE G
HAUPPAUGE, NEW YORK 11788
T (631)462-5866 F (631)462-5877

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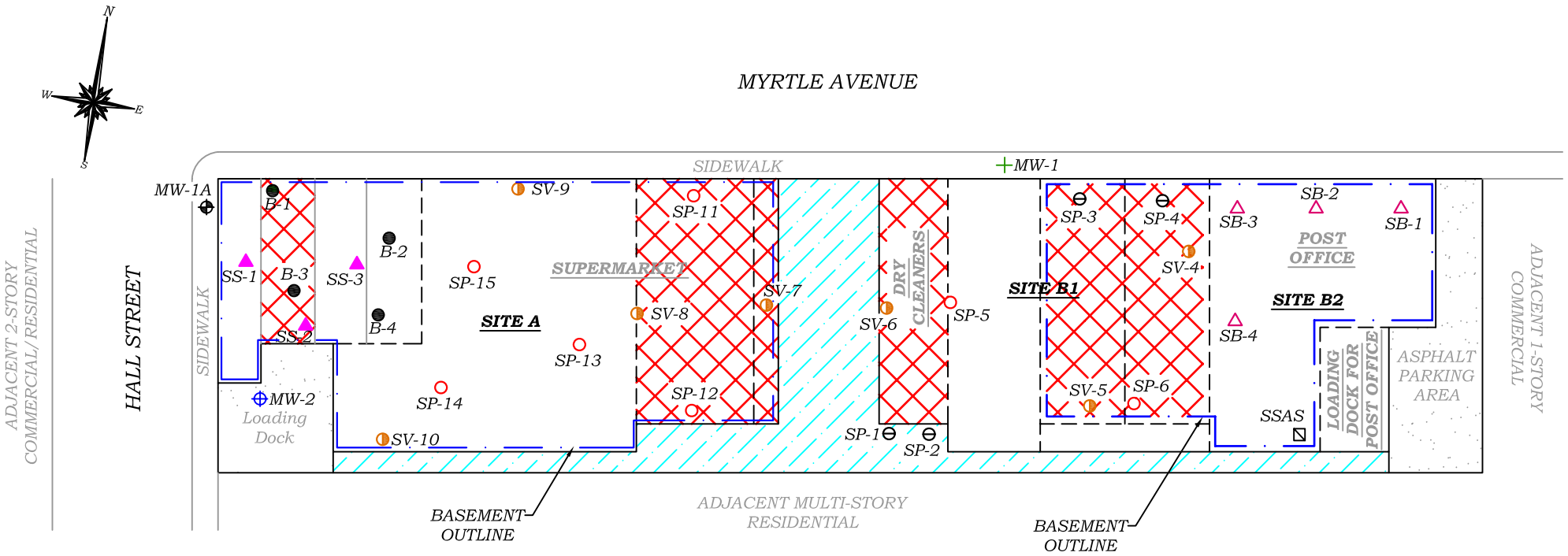
Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 01/09/13
Scale: AS NOTED

TITLE:

FIGURE 5: MAP OF AREAS OF CONCERN



LEGEND:

- SOIL PROBES (SP) INSTALLED DURING JUNE 2012
- SOIL PROBES (B) INSTALLED DURING SEPTEMBER 2011
- SUB SLAB VAPOR POINTS (SS) INSTALLED DURING SEPTEMBER 2011
- MONITORING WELL (MW-1A) INSTALLED DURING SEPTEMBER 2012
- MONITORING WELL (MW-1) INSTALLED DURING AUGUST 2012
- SOIL PROBE LOCATIONS (SP) - INSTALLED DURING NOVEMBER 2012
- SOIL VAPOR IMPLANTS (SV) - INSTALLED DURING NOVEMBER 2012
- MONITORING WELL LOCATION (MW) - INSTALLED DURING NOVEMBER 2012
- FORMER OR CURRENT USE AS DRY CLEANERS
- CONCRETE SIDEWALKS AND ALLEYS

LEGEND:

- SUB SLAB VAPOR POINT (SSAS) INSTALLED DURING OCTOBER 2010
- SOIL PROBE (SB) INSTALLED DURING OCTOBER 2010

0' 20' 40' 60'

SCALE IN FEET (FT.)

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MAIN OFFICE:
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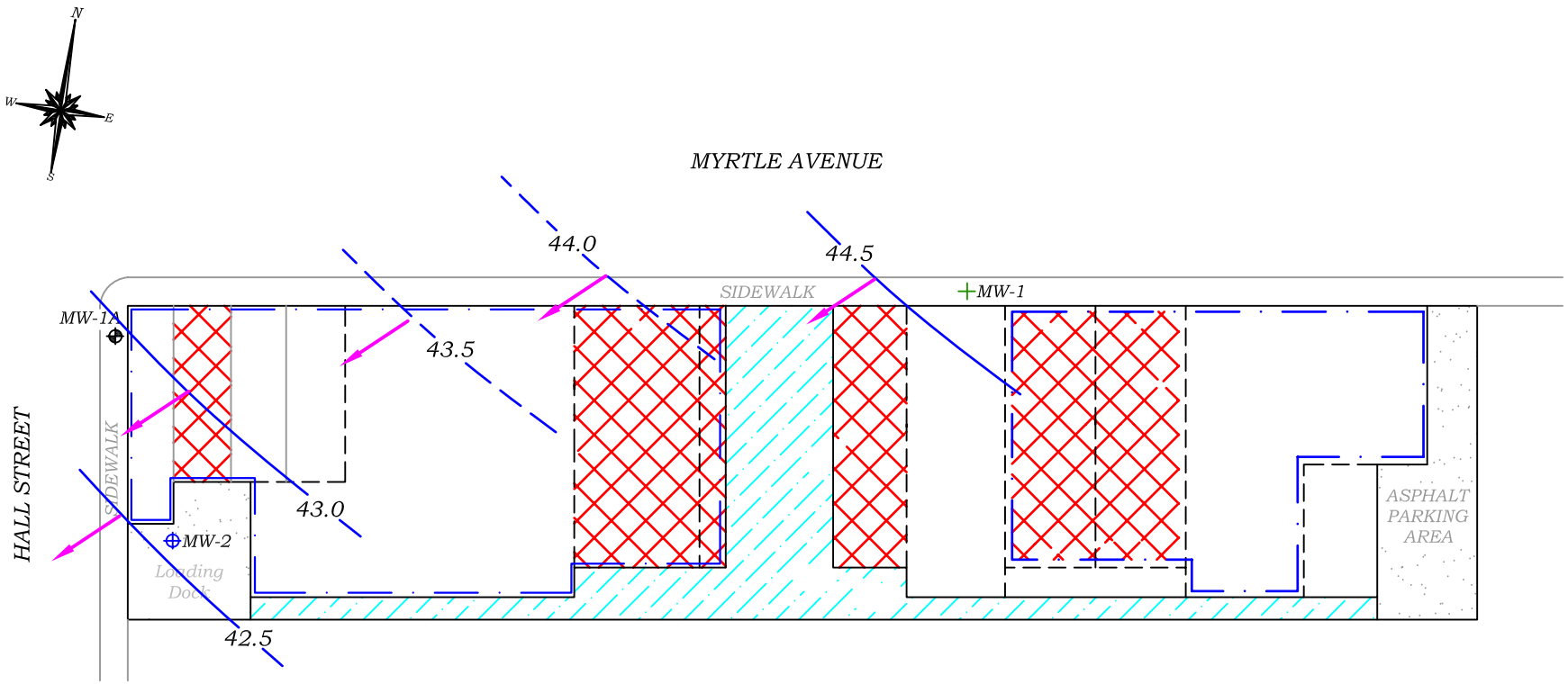
Reviewed By: M.R
Approved By: M.S
Date: 01/09/13
Scale: AS NOTED

TITLE:

FIGURE 6: LOCATION OF SOIL BORINGS, WELLS, SOIL VAPOR & AMBIENT AIR SAMPLES



C.I. = 0.5 FEET	
MONITORING WELL IDs	GROUNDWATER ELEVATION
MW-1	44.61
MW-1A	42.80
MW-2	42.64

LEGEND:

- MONITORING WELL (MW-1A) INSTALLED DURING SEPTEMBER 2012
- MONITORING WELL (MW-1) INSTALLED DURING AUGUST 2012
- MONITORING WELL LOCATION (MW)
- FORMER OR CURRENT USE AS DRY CLEANERS
- CONCRETE SIDEWALKS AND ALLEYS
- C.I CONTOUR INTERVAL
- CONTOUR LINES
- DASHED WHERE INFERRED

0' 20' 40' 60'

SCALE IN FEET (FT.)

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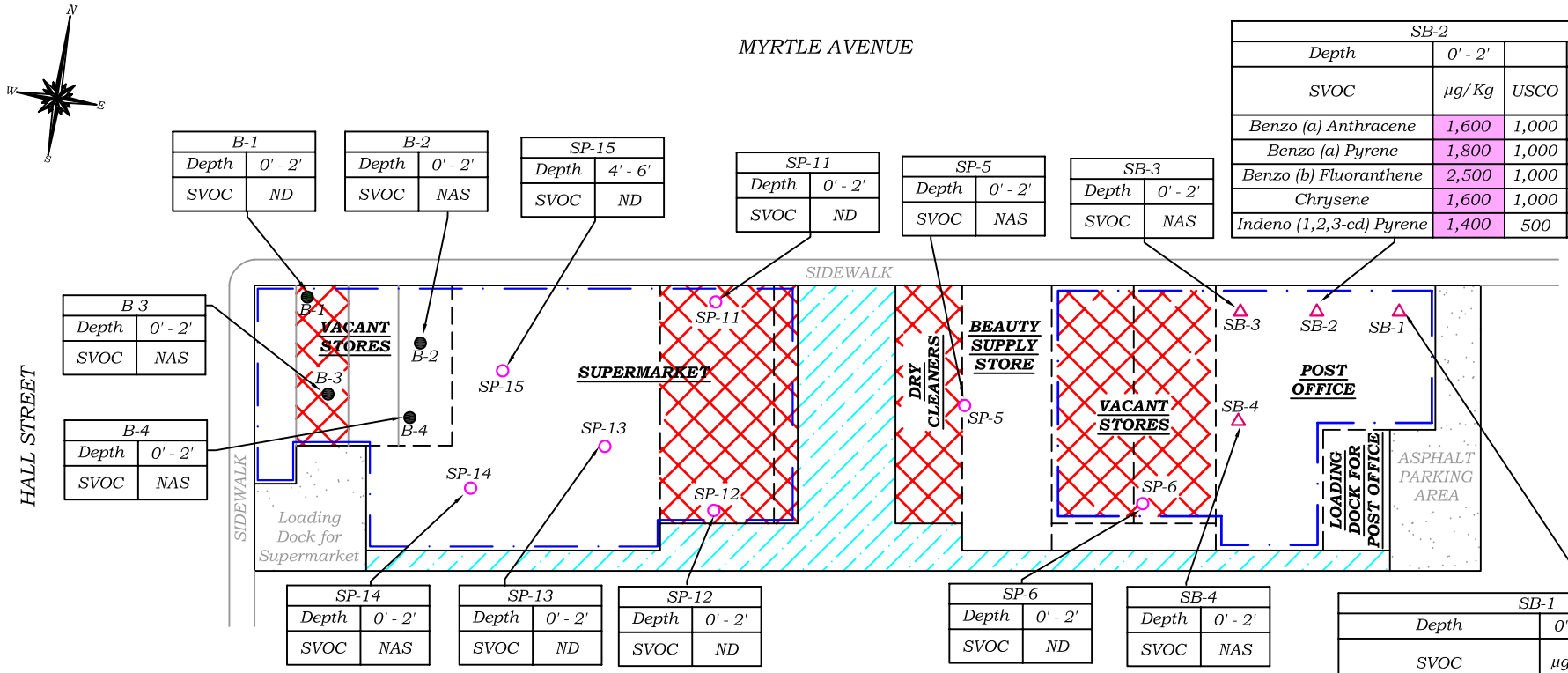
FIGURE 7: GROUNDWATER FLOW MAP



B-1	
Depth	0' - 2'
SVOC	ND

B-2	
Depth	0' - 2'
SVOC	NAS

SP-15	
Depth	4' - 6'
SVOC	ND

SP-11	
Depth	0' - 2'
SVOC	ND

SP-5	
Depth	0' - 2'
SVOC	NAS

SB-3	
Depth	0' - 2'
SVOC	NAS

SB-2			
Depth	0' - 2'		
SVOC	µg/Kg	USCO	RSCO
Benzo (a) Anthracene	1,600	1,000	1,000
Benzo (a) Pyrene	1,800	1,000	1,000
Benzo (b) Fluoranthene	2,500	1,000	1,000
Chrysene	1,600	1,000	1,000
Indeno (1,2,3-cd) Pyrene	1,400	500	500

B-3	
Depth	0' - 2'
SVOC	NAS

B-4	
Depth	0' - 2'
SVOC	NAS

SP-14	
Depth	0' - 2'
SVOC	NAS

SP-13	
Depth	0' - 2'
SVOC	ND

SP-12	
Depth	0' - 2'
SVOC	ND

SP-6	
Depth	0' - 2'
SVOC	ND

SB-4	
Depth	0' - 2'
SVOC	NAS

SB-1			
Depth	0' - 2'		
SVOC	µg/Kg	USCO	RSCO
Benzo (b) Fluoranthene	1,100	1,000	1,000
Indeno (1,2,3-cd) Pyrene	540	500	500

LEGEND:

- SOIL PROBES (SP) INSTALLED DURING JUNE 2012
- SOIL PROBES (B) INSTALLED DURING SEPTEMBER 2011
- SOIL PROBE LOCATIONS (SP) - INSTALLED DURING NOVEMBER 2012
- FORMER OR CURRENT USE AS DRY CLEANERS
- CONCRETE SIDEWALKS, EASEMENT AND ALLEYS

µg/Kg	MICROGRAMS PER KILOGRAM
SVOC	SEMI VOLATILE ORGANIC COMPOUNDS
NAS	NONE ABOVE STANDARDS
	SHADED VALUES EXCEED SCO
ND	NONE DETECTED
USCO	UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
RSCO	RESTRICTED USE SOIL CLEANUP OBJECTIVES

LEGEND:

- SOIL PROBE (SB) INSTALLED DURING OCTOBER 2010

0' 20' 40' 60'

SCALE IN FEET (FT.)

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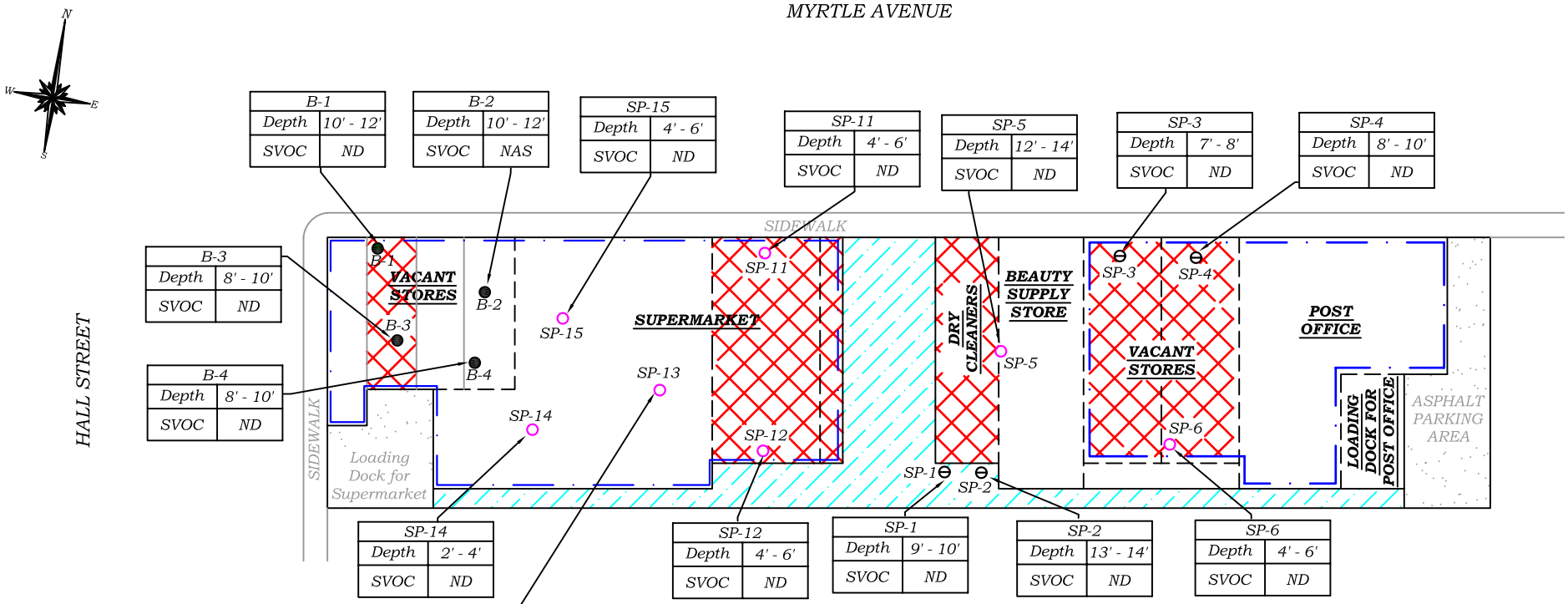
FIGURE 8: MAP OF SVOCs IN SHALLOW SOIL



SP-13			
Depth	2' - 4'		
SVOC	µg/Kg	USCO	RSCO
Benzo (a) Anthracene	9,700	1,000	1,000
Benzo (a) Pyrene	9,670	1,000	1,000
Benzo (b) Fluoranthene	15,000	1,000	1,000
Benzo (k) Fluoranthene	5,400	800	1,000
Chrysene	9,090	1,000	1,000
Indeno (1,2,3-cd) Pyrene	5,860	500	500

LEGEND:

- SOIL PROBES (SP) INSTALLED DURING JUNE 2012
- SOIL PROBES (B) INSTALLED DURING SEPTEMBER 2011
- SOIL PROBE LOCATIONS (SP) - INSTALLED DURING NOVEMBER 2012
- FORMER OR CURRENT USE AS DRY CLEANERS
- CONCRETE SIDEWALKS, EASEMENT AND ALLEYS

µg/Kg MICROGRAMS PER KILOGRAM

SVOC SEMI VOLATILE ORGANIC COMPOUNDS

NAS NONE ABOVE STANDARDS

SHADED VALUES EXCEED SCO

ND NONE DETECTED

USCO UNRESTRICTED USE SOIL CLEANUP OBJECTIVES

RSCO RESTRICTED USE SOIL CLEANUP OBJECTIVES

0' 20' 40' 60'

SCALE IN FEET (FT.)

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T (718)636-0800 F (718)636-0900

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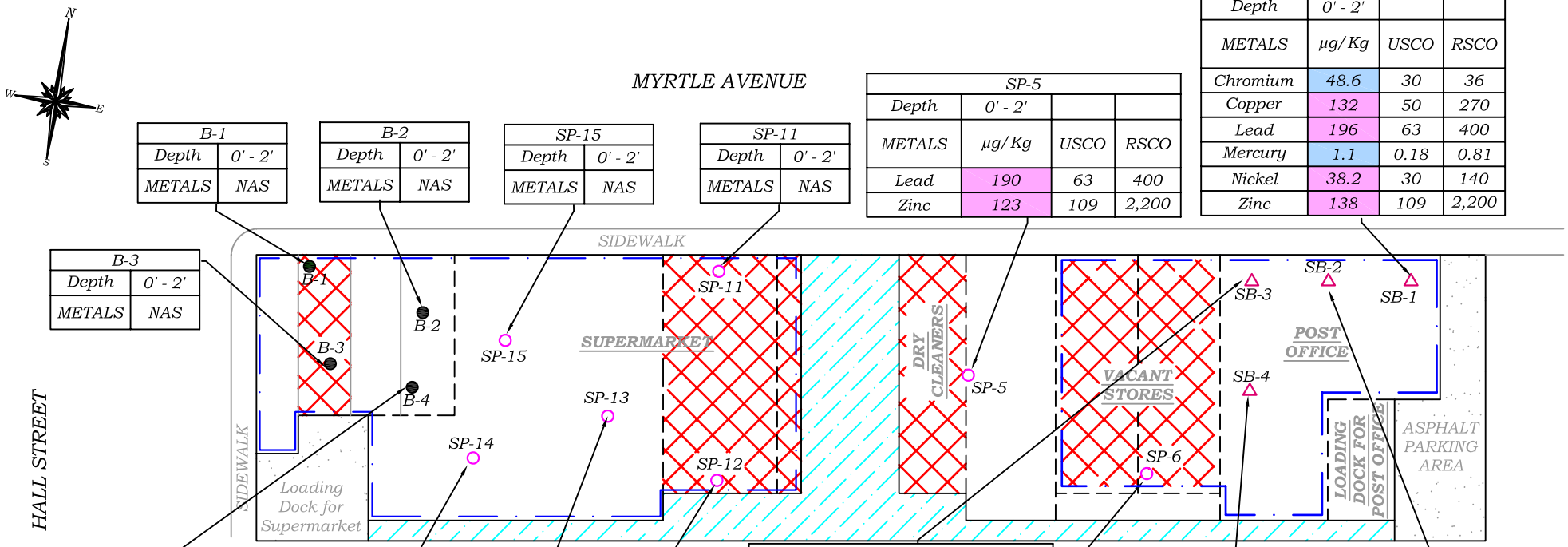
TITLE:

FIGURE 9: MAP OF SVOCs IN DEEP SOIL



B-1	
Depth	0' - 2'
METALS	NAS

B-2	
Depth	0' - 2'
METALS	NAS

SP-15	
Depth	0' - 2'
METALS	NAS

SP-11	
Depth	0' - 2'
METALS	NAS

B-3	
Depth	0' - 2'
METALS	NAS

SP-5			
Depth	0' - 2'		
METALS	µg/Kg	USCO	RSCO
Lead	190	63	400
Zinc	123	109	2,200

SB-1			
Depth	0' - 2'		
METALS	µg/Kg	USCO	RSCO
Chromium	48.6	30	36
Copper	132	50	270
Lead	196	63	400
Mercury	1.1	0.18	0.81
Nickel	38.2	30	140
Zinc	138	109	2,200

B-4			
Depth	0' - 2'		
METALS	µg/Kg	USCO	RSCO
Nickel	257	30	140

SP-12	
Depth	0' - 2'
METALS	NAS

SB-3			
Depth	0' - 2'		
METALS	µg/Kg	USCO	RSCO
Lead	255	63	400
Mercury	0.319	0.18	0.81
Zinc	146	109	2,200

SP-6	
Depth	0' - 2'
METALS	NAS

SB-2			
Depth	0' - 2'		
METALS	µg/Kg	USCO	RSCO
Barium	1,270	350	350
Lead	255	63	400
Mercury	0.319	0.18	0.81
Zinc	146	109	2,200

SP-14			
Depth	0' - 2'		
METALS	µg/Kg	USCO	RSCO
Manganese	3,560	1,600	2,000
Mercury	0.180	0.18	0.81

SP-13			
Depth	0' - 2'		
METALS	µg/Kg	USCO	RSCO
Manganese	5,340	1,600	2,000
Mercury	0.227	0.18	0.81
Nickel	45.0	30	140

SB-4			
Depth	0' - 2'		
METALS	µg/Kg	USCO	RSCO
Mercury	0.435	0.18	0.81
Zinc	198	109	2,200

LEGEND:

- ● SOIL PROBES (B) INSTALLED DURING SEPTEMBER 2011
- ○ SOIL PROBE LOCATIONS (SP) - INSTALLED DURING NOVEMBER 2012
- FORMER OR CURRENT USE AS DRY CLEANERS
- CONCRETE SIDEWALKS, EASEMENT AND ALLEYS
- µg/Kg MICROGRAMS PER KILOGRAM
- △ SOIL PROBE (SB) INSTALLED DURING OCTOBER 2010
- NAS NONE ABOVE STANDARDS
- USCO UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
- RSCO RESTRICTED USE SOIL CLEANUP OBJECTIVES
- SHADED VALUES EXCEED UNRESTRICTED USE OF SCO
- SHADED VALUES EXCEED UNRESTRICTED USE SCO & RESTRICTED RESIDENTIAL SCO

0' 20' 40' 60'
SCALE IN FEET (FT.)

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BROOKLYN, NEW YORK 11225
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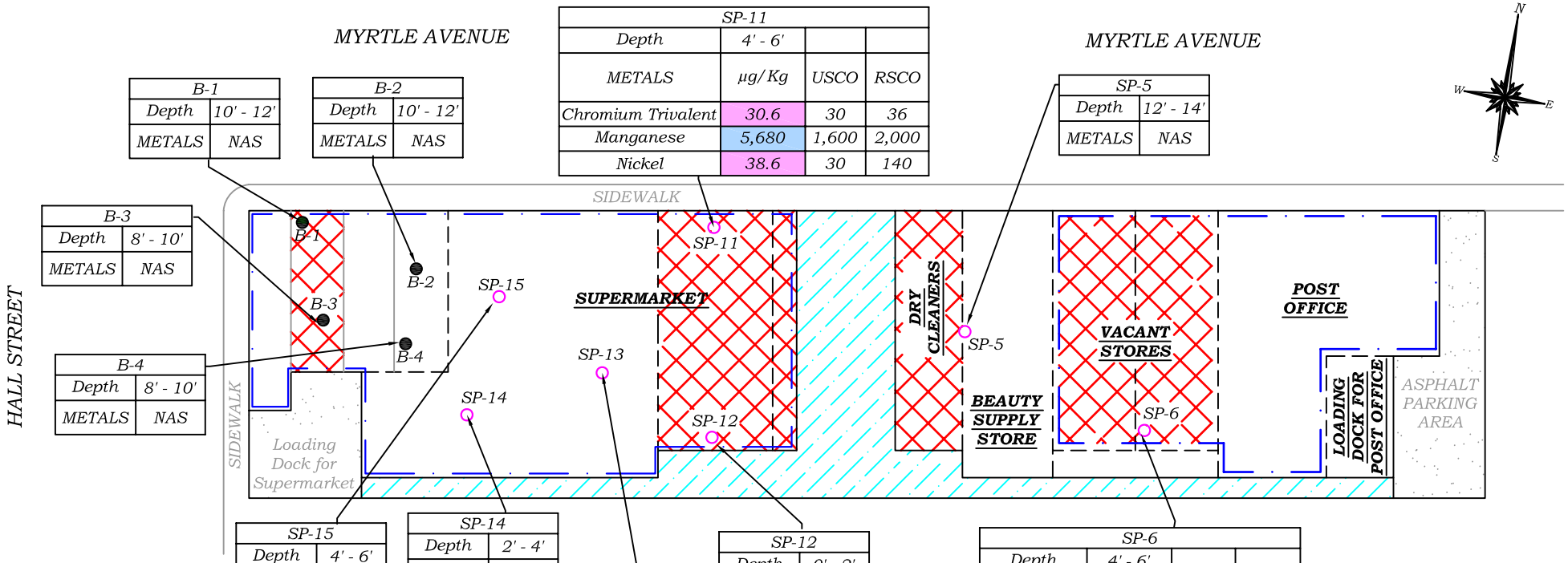
FIGURE 10: MAP OF METALS IN SHALLOW SOIL



B-1	
Depth	10' - 12'
METALS	NAS

B-2	
Depth	10' - 12'
METALS	NAS

B-3	
Depth	8' - 10'
METALS	NAS

B-4	
Depth	8' - 10'
METALS	NAS

SP-11			
Depth	4' - 6'		
METALS	µg/Kg	USCO	RSCO
Chromium Trivalent	30.6	30	36
Manganese	5,680	1,600	2,000
Nickel	38.6	30	140

SP-5	
Depth	12' - 14'
METALS	NAS

SP-15	
Depth	4' - 6'
METALS	NAS

SP-14	
Depth	2' - 4'
METALS	NAS

SP-12	
Depth	0' - 2'
METALS	NAS

SP-6			
Depth	4' - 6'		
METALS	µg/Kg	USCO	RSCO
Manganese	4,860	1,600	2,000

SP-13			
Depth	2' - 4'		
METALS	µg/Kg	USCO	RSCO
Manganese	5,030	1,600	2,000
Mercury	0.187	0.18	0.81
Nickel	39.0	30	140

LEGEND:

- ● SOIL PROBES (B) INSTALLED DURING SEPTEMBER 2011
- ○ SOIL PROBE LOCATIONS (SP) - INSTALLED DURING NOVEMBER 2012
- FORMER OR CURRENT USE AS DRY CLEANERS
- CONCRETE SIDEWALKS, EASEMENT AND ALLEYS
- µg/Kg MICROGRAMS PER KILOGRAM
- NAS NONE ABOVE STANDARDS
- USCO UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
- RSCO RESTRICTED USE SOIL CLEANUP OBJECTIVES
- SHADED VALUES EXCEED UNRESTRICTED USE OF SCO
- SHADED VALUES EXCEED UNRESTRICTED USE SCO & RESTRICTED RESIDENTIAL SCO

0' 20' 40' 60'

SCALE IN FEET (FT.)

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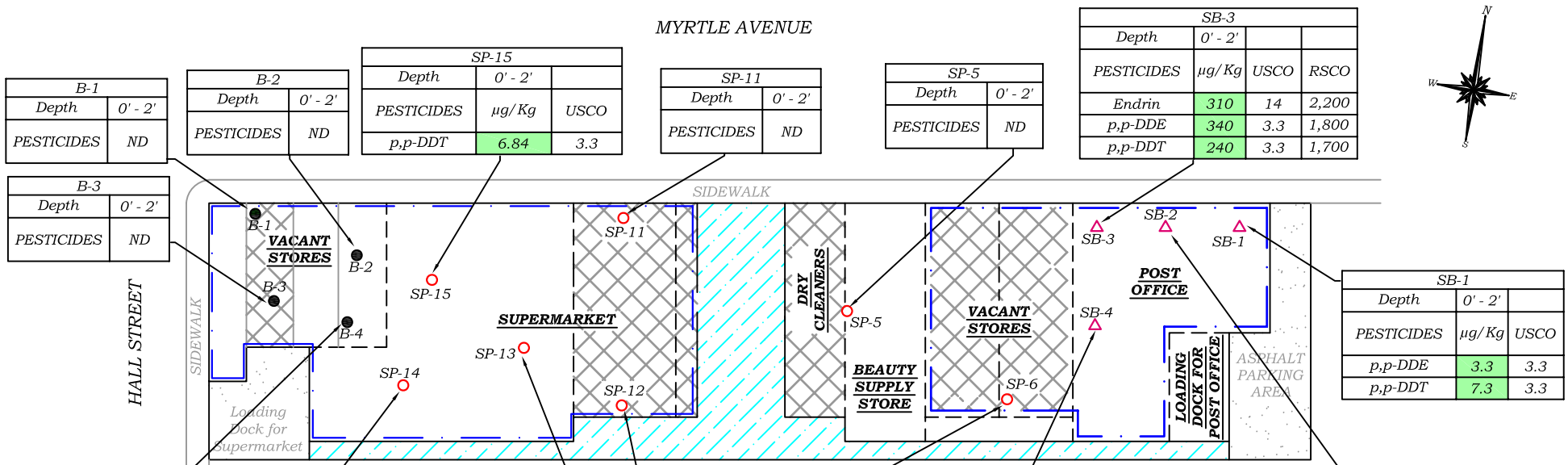
FIGURE 11: MAP OF METALS IN DEEP SOIL



B-1	
Depth	0' - 2'
PESTICIDES	ND

B-2	
Depth	0' - 2'
PESTICIDES	ND

SP-15		
Depth	0' - 2'	
PESTICIDES	µg/Kg	USCO
p,p-DDT	6.84	3.3

SP-11	
Depth	0' - 2'
PESTICIDES	ND

SP-5	
Depth	0' - 2'
PESTICIDES	ND

SB-3			
Depth	0' - 2'		
PESTICIDES	µg/Kg	USCO	RSCO
Endrin	310	14	2,200
p,p-DDE	340	3.3	1,800
p,p-DDT	240	3.3	1,700

B-3	
Depth	0' - 2'
PESTICIDES	ND

SB-1		
Depth	0' - 2'	
PESTICIDES	µg/Kg	USCO
p,p-DDE	3.3	3.3
p,p-DDT	7.3	3.3

B-4	
Depth	0' - 2'
PESTICIDES	ND

SP-14	
Depth	0' - 2'
PESTICIDES	ND

SP-13	
Depth	0' - 2'
PESTICIDES	ND

SP-6	
Depth	0' - 2'
PESTICIDES	ND

SB-4			
Depth	0' - 2'		
PESTICIDES	µg/Kg	USCO	RSCO
Endrin	1,800	14	2,200
p,p-DDE	180	3.3	1,800
p,p-DDT	2,900	3.3	1,700

SB-2		
Depth	0' - 2'	
PESTICIDES	µg/Kg	USCO
p,p-DDT	24	3.3

SP-12		
Depth	0' - 2'	
PESTICIDES	µg/Kg	USCO
p,p-DDD	5.64	3.3
p,p-DDE	43.8	3.3
p,p-DDT	88.4	3.3

LEGEND:

- SOIL PROBES (B) INSTALLED DURING SEPTEMBER 2011
- SOIL PROBE LOCATIONS (SP) - INSTALLED DURING NOVEMBER 2012
- FORMER OR CURRENT USE AS DRY CLEANERS
- CONCRETE SIDEWALKS AND ALLEYS
- µg/Kg — MICROGRAMS PER KILOGRAM
- SHADED VALUES EXCEED USCO
- SHADED VALUES EXCEED RSCO
- ND — NONE DETECTED
- USCO — UNRESTRICTED USE SOIL CLEANUP OBJECTIVES

0' 20' 40' 60'

SCALE IN FEET (FT.)

LEGEND:

- SOIL PROBE (SB) INSTALLED DURING OCTOBER 2010

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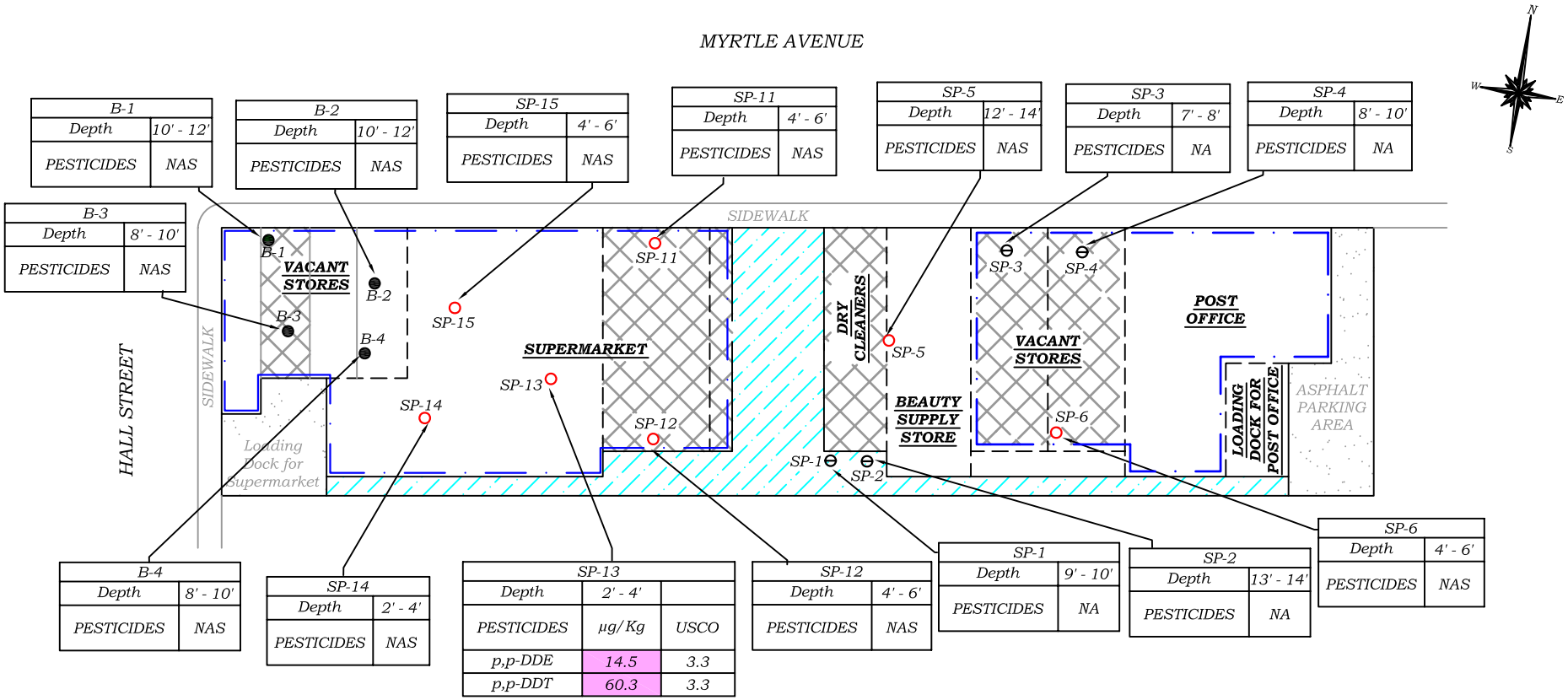
TITLE:

FIGURE 12: MAP OF PESTICIDES IN SHALLOW SOIL



LEGEND:

- ⊖ SOIL PROBES (SP) INSTALLED DURING JUNE 2012
- ● SOIL PROBES (B) INSTALLED DURING SEPTEMBER 2011
- ○ SOIL PROBE LOCATIONS (SP) - INSTALLED DURING NOVEMBER 2012
- FORMER OR CURRENT USE AS DRY CLEANERS
- CONCRETE SIDEWALKS AND ALLEYS
- µg/Kg MICROGRAMS PER KILOGRAM
- SHADED VALUES EXCEED SCO
- NAS NONE ABOVE STANDARD
- NA PESTICIDES WERE NOT A TARGET FOR THIS SAMPLE
- USCO UNRESTRICTED USE SOIL CLEANUP OBJECTIVES

0' 20' 40' 60'

SCALE IN FEET (FT.)

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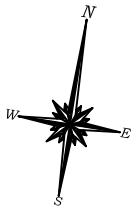
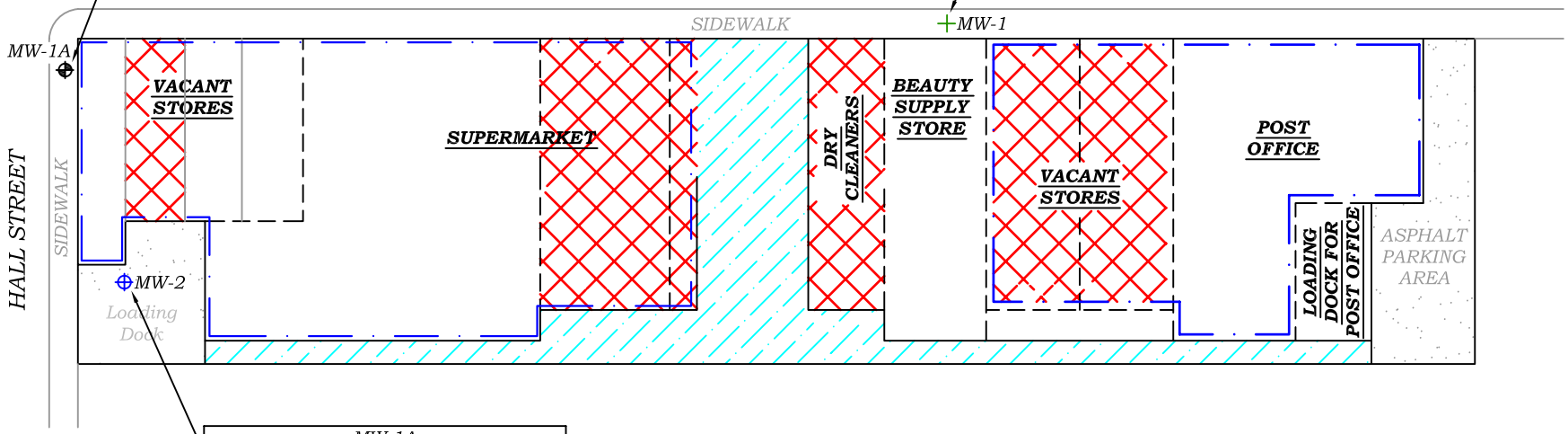
FIGURE 13: MAP OF PESTICIDES IN DEEP SOIL



MW-1A			
Date	9/14/12	11/19/12	
PCE	µg/L	µg/L	GQS
Tetrachloroethene	18	2.61	5

MYRTLE AVENUE

MW-1			
Date	8/29/12	11/19/12	
PCE	µg/L	µg/L	GQS
Tetrachloroethene	ND	7.92	5



MW-1A		
Date	11/19/12	
PCE	µg/L	GQS
Tetrachloroethene	ND	5

LEGEND:

- MONITORING WELL (MW-1A) INSTALLED DURING SEPTEMBER 2012
- MONITORING WELL (MW-1) INSTALLED DURING AUGUST 2012
- MONITORING WELL LOCATION (MW)
- FORMER OR CURRENT USE AS DRY CLEANERS
- CONCRETE SIDEWALKS AND ALLEYS
- µg/L — MICROGRAMS PER LITER
- ND — NONE DETECTED
- GQS — GROUNDWATER QUALITY STANDARD
- SHADED VALUES EXCEED GQS

0' 20' 40' 60'

SCALE IN FEET (FT.)

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Brooklyn, NY
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Approved By: M.S
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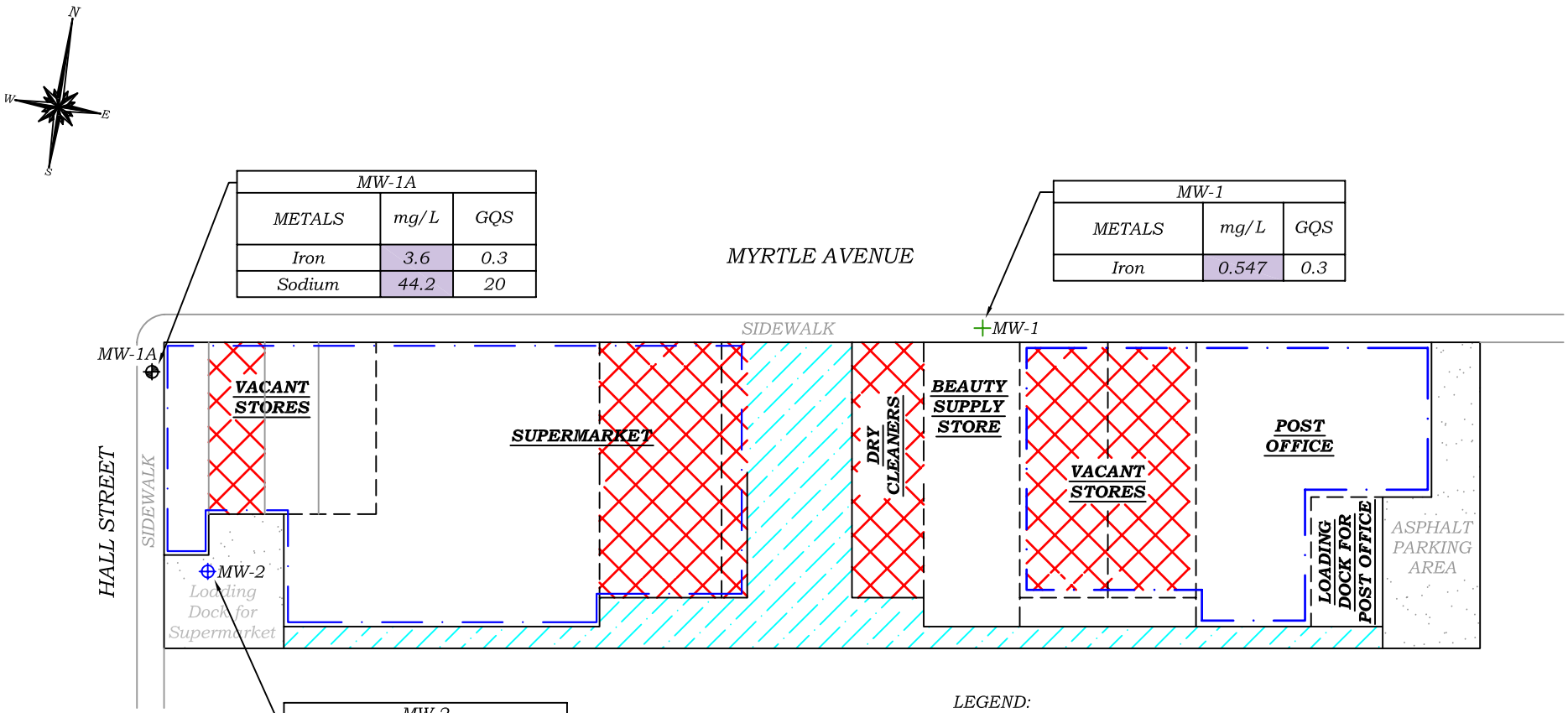
TITLE:

FIGURE 14: MAP OF PCE IN GROUNDWATER



MW-1A		
METALS	mg/L	GQS
Iron	3.6	0.3
Sodium	44.2	20

MW-1		
METALS	mg/L	GQS
Iron	0.547	0.3

MW-2		
METALS	mg/L	GQS
Iron	0.351	0.3

LEGEND:

- MONITORING WELL (MW-1A) INSTALLED DURING SEPTEMBER 2012
- MONITORING WELL (MW-1) INSTALLED DURING AUGUST 2012
- MONITORING WELL LOCATION (MW)
- FORMER OR CURRENT USE AS DRY CLEANERS
- CONCRETE SIDEWALKS AND ALLEYS
- mg/L — MILLIGRAMS PER LITER
- NAS — NONE ABOVE STANDARD
- GQS — GROUNDWATER QUALITY STANDARD
- SHADED VALUES EXCEED GQS

0' 20' 40' 60'

SCALE IN FEET (FT.)

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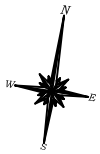
Date: 01/09/13
Scale: AS NOTED

TITLE:

FIGURE 15 : MAP OF DISSOLVED METALS IN GROUNDWATER



SS-3	
VOC	µg/m³
2-Butatone	17.6
Acetone	97.9
Chloroform	93.8
Ethanol	127
Isopropanol	41.3
Tetrachloroethylene	3,330
Toluene	8.33
Trichloroethylene	39

SV-9	
VOC	µg/m³
1,2,4-Trimethylbenzene	48
1,3,5-Trimethylbenzene	19
Acetone	220
Benzene	12
Carbon Disulfide	12
Chloroform	390
Ethyl Benzene	37
Methylene Chloride	12
n-Heptane	12
o-Xylene	43
p- & m- Xylenes	130
p-Ethyltoluene	47
Tetrachloroethylene	5,000
Toluene	60
Trichloroethylene	180

SV-8	
VOC	µg/m³
1,2,4-Trimethylbenzene	1.1
1,3,5-Trimethylbenzene	1.2
Acetone	550
Benzene	11
Chloroform	32
Ethyl Benzene	21
Methylene Chloride	11
n-Heptane	9.8
o-Xylene	25
p- & m- Xylenes	72
p-Ethyltoluene	1.6
Tetrachloroethylene	4,200
Toluene	34
Trichloroethylene	66

SV-6	
VOC	µg/m³
1,2,4-Trimethylbenzene	80
1,3,5-Trimethylbenzene	32
Acetone	47
Benzene	36
Carbon Disulfide	18
Chloroform	26
Ethyl Benzene	73
Methylene Chloride	16
n-Heptane	43
n-Hexane	43
o-Xylene	79
p- & m- Xylenes	260
p-Ethyltoluene	86
Tetrachloroethylene	1,700
Toluene	230
Trichloroethylene	29

SV-4	
VOC	µg/m³
1,2,4-Trimethylbenzene	0.99
1,3,5-Trimethylbenzene	1.1
Acetone	39
Benzene	8.6
Carbon Disulfide	18
Chloroform	120
Ethyl Benzene	18
Methylene Chloride	9.9
n-Heptane	8.9
o-Xylene	22
p- & m- Xylenes	67
p-Ethyltoluene	1.5
Tetrachloroethylene	4,200
Toluene	32
Trichloroethylene	13

SS-1	
VOC	µg/m³
2-Butatone	13
Acetone	75.1
Chloroform	32.5
Dichlorodifluoramethane	5.19
Isopropanol	7.25
n-Heptane	6.23
Tetrachloroethylene	258
Vinyl acetate	5.28

SSAS	
VOC	µg/m³
1,2,4-Trichlorobenzne	0.59
1,2,4-Trimethylbenzene	2.9
1,3,5-Trimethylbenzene	0.84
1,4-Dichlorobenzne	0.54
2-Butatone	20.8
2,2,4-Tirmethylpentane	1.07
4-Ethyltoluene	0.79
4-Methyl-2-pentanone	2.13
Acetone	161
Benzene	12.1
Carbon disulfide	10.9
Carbon tetrachloride	0.31
Chloroethane	0.34
Chloroform	2.59
Chloromethane	0.54
Cyclohexane	0.65
Dichlorodifluoromethane	1.14
Ethyl Benzene	2.43
Methylene Chloride	0.76
n-Heptane	3.77
n-hexane	5.5
p- & m- Xylenes	2.51
p-Ethyltoluene	2
Styrene	2.17
Tetrachlorothylene	69.8
Toluene	21.7
trans-1,2-Dichloroethylene	3.37
Trichloroethylene	0.59
Trichlorofluoromethane	2.92

SS-2	
VOC	µg/m³
2-Butatone	23.9
2,2,4-Timerthylpentane	101
n-Heptane	6.54
Tetrachloroethylene	12,800
Toluene	59.5
Trichloroethylene	136

SV-10	
VOC	µg/m³
1,2,4-Trimethylbenzene	1
1,3,5-Trimethylbenzene	1.1
Acetone	4,300
Benzene	11
Chloroform	35
Ethyl Benzene	24
Methylene Chloride	12
n-Heptane	12
o-Xylene	22
p- & m- Xylenes	67
p-Ethyltoluene	1.5
Tetrachloroethylene	840
Toluene	36
Trichloroethylene	19

SV-7	
VOC	µg/m³
1,2,4-Trimethylbenzene	1.1
1,3,5-Trimethylbenzene	1.2
Acetone	190
Benzene	11
Ethyl Benzene	15
Methylene Chloride	12
n-Heptane	9.6
o-Xylene	16
p- & m- Xylenes	48
p-Ethyltoluene	1.7
Tetrachloroethylene	240
Toluene	36
Trichloroethylene	8.4

SV-5	
VOC	µg/m³
1,2,4-Trimethylbenzene	1.1
1,3,5-Trimethylbenzene	1.2
Acetone	48
Benzene	10
Chloroform	59
Ethyl Benzene	18
Methylene Chloride	15
n-Heptane	10
p-Ethyltoluene	1.7
Tetrachloroethylene	4,200
Toluene	31
Trichloroethylene	16

LEGEND:

- SUB SLAB VAPOR POINT (SSAS) INSTALLED DURING OCTOBER 2010
- SUB SLAB VAPOR POINTS (SS) INSTALLED DURING SEPTEMBER 2011
- SOIL VAPOR IMPLANTS (SV) INSTALLED DURING NOVEMBER 2012
- FORMER OR CURRENT USE AS DRY CLEANERS
- CONCRETE SIDEWALKS AND ALLEYS
- VOC — VOLATILE ORGANIC COMPOUNDS
- µg/m³ — MICROGRAMS PER CUBIT METER

0' 20' 40' 60'
SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

MAIN OFFICE:
77 ARKAY DRIVE, SUITE G
HAUPPAUGE, NEW YORK 11788
T (631)462-5866 F (631)462-5877

NYC OFFICE:
15 OCEAN AVENUE, 2nd Floor
BROOKLYN, NEW YORK 11225
T (718)636-0800 F (718)636-0900

www.hydrotechenvironmental.com

490 & 504 Myrtle Avenue
Brooklyn, NY
HTE Job# 120262

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 01/09/13
Scale: AS NOTED

TITLE:

FIGURE 16: MAP OF VOCs IN SUB SLAB AND SOIL VAPOR

TABLES

Table 1

Groundwater Monitoring and Surveying Details

490-504 Myrtle Avenue, Brooklyn, New York

Monitoring Well (MW)	Nov-12				
	Casing Elevation(Feet)	Depth to Water (Feet)	Benchmark	Groundwater Elevation (Feet)	Depth to Product
MW-1	8.49	46.9	100	44.61	ND
MW-1A	7.3	49.9	100	42.8	ND
MW-2	8.26	49.1	100	42.64	ND

ND…None Detected

Table 2
Shallow Soil Samples Organic Analytical Results
490-504 Myrtle Avenue, Brooklyn, New York

Sample Identification	SB-1	SB-2	SB-3	SB-4	B-1	B-2	B-3	B-4	SP-5	SP-6	SP-11	SP-12	SP-13	SP-14	SP-15	Unrestricted Use Soil Cleanup Objectives (6 NYC RR Pt.375-6.8)	Restricted Use Soil Cleanup Objectives (6 NYC RR Pt.375-6.8b) - Residential
Sample Depth	0-2	0-2'	0-2'	0-2'	0-2	0-2'	0-2'	0-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'		
Sample Date	10/21/2010	10/21/2010	10/21/2010	10/21/2010	9/23/2011	9/23/2011	9/23/2011	9/23/2011	11/16/2012	11/16/2012	11/15/2012	11/15/2012	11/15/2012	11/15/2012	11/15/2012		
Sample Matrix	soil	soil	soil	soil	soil	soil	soil	soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil		
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/kg	ug/kg
Volatile Organic Compounds (µg/kg)																	
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	NS	NS
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	680	100,000
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	<2.16	<2.12	<2.10	<2.11	<2.11	<2.21	<2.36	NS	NS
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	NS	NS
1,1,2-Trichlorotrifluroethane	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	<2.16	<2.12	<2.10	<2.11	<2.11	<2.21	<2.36	270	19,000
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	330	100,000
1,1-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	NS	NS
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<2.16	<2.12	<2.10	<2.11	<2.11	<2.21	<2.36	NS	NS
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	<5.41	<5.30	<5.25	<5.27	<5.27	<5.52	<5.90	NS	NS
1,2,4,5-Tetramethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	NS	NS
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	3,600	47,000
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	<2.16	<2.12	<2.10	<2.11	<2.11	<2.21	<2.36	NS	NS
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	<2.16	<2.12	<2.10	<2.11	<2.11	<2.21	<2.36	NS	NS
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	1,100	100,000
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	20	2,300
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	NS	NS
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	<2.16	<2.12	<2.10	<2.11	<2.11	<2.21	<2.36	8,400	47,000
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<2.16	<2.12	<2.10	<2.11	<2.11	<2.21	<2.36	2,400	17,000
1,3-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	NS	NS
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	1,800	10,000
2,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	NS	NS
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
2-Chloroethylvinylether	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
2-Chlorotoluene	ND	ND	ND	ND	ND	ND	ND	ND	<2.16	<2.12	<2.10	<2.11	<2.11	<2.21	<2.36	NS	NS
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
4-Chlorotoluene	ND	ND	ND	ND	ND	ND	ND	ND	<2.16	<2.12	<2.10	<2.11	<2.11	<2.21	<2.36	NS	NS
4-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	NS	NS
4-Methyl-2pentanone	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
Acetone	**39**	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	60	2,900
Bromobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<2.16	<2.12	<2.10	<2.11	<2.11	<2.21	<2.36	NS	NS
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	NS	NS
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	<5.41	<5.30	<5.25	<5.27	<5.26	<5.52	<5.90	NS	NS
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	NS	NS
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	<2.16	<2.12	<2.10	<2.11	<2.11	<2.21	<2.36	NS	NS

Table 2 (Cont.)
Shallow Soil Samples Organic Analytical Results
490-504 Myrtle Avenue, Brooklyn, New York

Sample Identification	SB-1	SB-2	SB-3	SB-4	B-1	B-2	B-3	B-4	SP-5	SP-6	SP-11	SP-12	SP-13	SP-14	SP-15	Unresricted SCO	Residential SCO
Sample Depth	0-2	0-2'	0-2'	0-2'	0-2	0-2'	0-2'	0-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'		
Volatile Organic Compounds (µg/kg)																	
Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
Carbon tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	<2.16	<2.12	<2.10	<2.11	<2.11	<2.21	<2.36	760	1,400
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	1,100	100,000
Chlorodiflouromethane	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	<2.16	<2.12	<2.10	<2.11	<2.11	<2.21	<2.36	NS	NS
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	370	10,000
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	<2.16	<2.12	<2.10	<2.11	<2.11	<2.21	<2.36	NS	NS
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	250	59,000
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	NS	NS
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	<2.16	<2.12	<2.10	<2.11	<2.11	<2.21	<2.36	NS	NS
Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	NS	NS
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	NS	NS
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	1,000	30,000
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	NS	NS
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	<2.16	<2.12	<2.10	<2.11	<2.11	<2.21	<2.36	NS	NS
m + p-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	<2.16	<2.12	<2.10	**3.05**	<2.11	<2.21	<2.36	NS	NS
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	<10.8	<10.6	<10.5	<10.5	<10.5	<11.0	<11.8	50	51,000
Methyl-Tert-Butyl-Ether	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	930	62,000
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	12,000	100,000
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	<2.16	<2.12	<2.10	<2.11	<2.11	<2.21	<2.36	3,900	100,000
o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	**1.33**	<1.05	<1.10	<1.18	NS	NS
o-Xylene (Total)	ND	ND	ND	ND	ND	ND	ND	ND	<2.16	<2.12	<2.10	**4.38**	<2.11	<2.21	<2.36	260	100,000
p-Diethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
p-Ethyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	11,000	100,000
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	NS	NS
TAME	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	5,900	100,000
Tertiary butyl alcohol	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
Tetrachloroethene	**2.2**	**58**	ND	**1.2**	ND	ND	ND	ND	**1.87**	<1.06	<1.05	**12.1**	**28.7**	**4.25**	<1.18	1,300	5,500
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	700	100,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	190	100,000
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	NS	NS
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	470	10,000
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	<1.08	<1.06	<1.05	<1.05	<1.05	<1.10	<1.18	NS	NS
Vinyl chloride	ND	ND	ND	ND	ND	ND	ND	ND	<2.16	<2.12	<2.10	<2.11	<2.11	<2.21	<2.36	20	210
Total VOCS	**42.2**	**58**	ND	**1.2**	ND	ND	ND	ND	**1.87**	ND	ND	**20.86**	**28.7**	**4.25**	ND	NS	NS

Table 2 (Cont.)
Shallow Soil Samples Organic Analytical Results
490-504 Myrtle Avenue, Brooklyn, New York

Sample Identification	SB-1	SB-2	SB-3	SB-4	B-1	B-2	B-3	B-4	SP-5	SP-6	SP-11	SP-12	SP-13	SP-14	SP-15	Unresricted SCO	Residential SCO
Sample Depth	0-2	0-2'	0-2'	0-2'	0-2	0-2'	0-2'	0-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'		
Semi-Volatile Organic Compounds (µg/kg)																	
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
2,3,4,6-Tetrachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
2-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
3+4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
4-Bromophenyl Phenyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
4-Chlorophenyl Phenyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
Acenaphthene	ND	**100**	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	20,000	100,000
Acenaphthylene	**86**	**88**	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	100,000	100,000
Aniline	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
Anthracene	**220**	**430**	**170**	**57**	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	100,000	100,000
Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
Benzo (a) Anthracene	**850**	**1600**	**510**	**260**	ND	**153**	ND	ND	**703**	<265	<263	<264	<263	**301**	<295	1,000	1,000
Benzo (a) Pyrene	**790**	**1800**	**530**	**250**	ND	**127**	ND	ND	**796**	<265	<263	<264	<263	**294**	<295	1,000	1,000
Benzo (b) Fluoranthene	**1100**	**2500**	**730**	**340**	ND	ND	ND	ND	**972**	<265	<263	<264	<263	**285**	<295	1,000	1,000
Benzo (g,h,I) Perylene	**640**	**1300**	**410**	**170**	ND	ND	ND	ND	**444**	<265	<263	<264	<263	<276	<295	100,000	100,000
Benzo (k) Fluoranthene	**310**	**690**	**200**	**110**	ND	ND	ND	ND	**551**	<265	<263	<264	<263	<276	<295	800	1,000
Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
Benzyl alcohol	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
Benzyl Butyl Phthalate	**1900**	ND	ND	**110**	ND	ND	ND	ND	**996**	<265	<263	<264	<263	<276	<295	NS	NS

Table 2 (Cont.)
Shallow Soil Samples Organic Analytical Results
490-504 Myrtle Avenue, Brooklyn, New York

Sample Identification	SB-1	SB-2	SB-3	SB-4	B-1	B-2	B-3	B-4	SP-5	SP-6	SP-11	SP-12	SP-13	SP-14	SP-15	Unresricted SCO	Residential SCO
Sample Depth	0-2	0-2'	0-2'	0-2'	0-2	0-2'	0-2'	0-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'		
Semi-Volatile Organic Compounds (µg/kg)																	
bis (2-Chloroethoxy) Methane	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
bis (2-Chloroethyl) Ether	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
bis (2-Chloroisopropyl) Ether	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
bis(2-Ethylhexyl)phthalate	**190**	**190**	ND	**130**	ND	ND	**103**	**239**	NA	NA	NA	NA	NA	NA	NA	NS	NS
Carbazole	**120**	**180**	**82**		ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
Chrysene	**830**	**1600**	**520**	**260**	ND	**154**	ND	ND	**716**	<265	<263	<264	<263	**280**	<295	1,000	1,000
Cresols	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
Dibenzo (a,h) Anthracene	**150**	**320**	**90**	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	330	330
Dibenzofuran	ND	**61**	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
Diethyl Phthalate	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
Dimethyl Phthalate	**230**	**210**	**200**	**230**	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
Di-n-Butyl Phthalate	**66**	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
D-n-n-octyl Phthalate	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
Fluoranthene	**1600**	**2900**	**1100**	**540**	ND	**327**	ND	ND	NA	NA	NA	NA	NA	NA	NA	100,000	100,000
Fluorene	**66**	**73**	**59**	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	30,000	100,000
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
Hexachlorobudadiene	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	<270	<530	<252	<527	<252	<276	<590	NS	NS
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
Indeno (1,2,3-cd) Pyrene	**540**	**1400**	**330**	**160**	ND	ND	ND	ND	**467**	<265	<263	<264	<263	<276	<295	500	500
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	12,000	100,000
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
n-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
N-Nitrospdimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
Phenanthrene	**1000**	**1700**	**690**	**260**	ND	**83.8**	ND	ND	**307**	<265	<263	<264	<263	**549**	<295	100,000	100,000
Phenol	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
Pyrene	**1400**	**2500**	**840**	**540**	ND	**272**	ND	ND	**965**	<265	<263	<264	<263	**529**	<295	100,000	100,000
Pyridine	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
Total SVOCS	**12171**	**19758**	**6461**	**3419.4**	ND	**1116.8**	**103**	**239**	**6917**	ND	ND	ND	ND	**2238**	ND	NS	NS
Pesticides (µg/kg)																	
a BHC	ND	ND	ND	ND	ND	ND	ND	ND	<5.41	<5.30	<5.25	<5.27	<5.26	<5.52	<5.90	20	97
Aldrin	ND	ND	ND	ND	ND	ND	ND	ND	<5.41	<5.30	<5.25	<5.27	<5.26	<5.52	<5.90	5	19
b BHC	ND	ND	ND	ND	ND	ND	ND	ND	<5.41	<5.30	<5.25	<5.27	<5.26	<5.52	<5.90	36	72
Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	<5.41	<5.30	<5.25	<5.27	<5.26	<5.52	<5.90	NS	NS
Chlordane (alpha)	ND	ND	ND	ND	ND	ND	ND	ND	<54.1	<53.0	<52.5	<52.7	<52.6	<55.2	<59.0	94	910
d BHC g	ND	ND	ND	ND	ND	ND	ND	ND	<5.41	<5.30	<5.25	<5.27	<5.26	<5.52	<5.90	40	100,000
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	<5.41	<5.30	<5.25	<5.27	<5.26	<5.52	<5.90	5	39
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	<5.41	<5.30	<5.25	<5.27	<5.26	<5.52	<5.90	2,400	4,800
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	ND	<5.41	<5.30	<5.25	<5.27	<5.26	<5.52	<5.90	2,400	4,800

Table 2 (Cont.)
Shallow Soil Samples Organic Analytical Results
490-504 Myrtle Avenue, Brooklyn, New York

Sample Identification	SB-1	SB-2	SB-3	SB-4	B-1	B-2	B-3	B-4	SP-5	SP-6	SP-11	SP-12	SP-13	SP-14	SP-15	Unresricted SCO	Residential SCO
Sample Depth	0-2	0-2'	0-2'	0-2'	0-2	0-2'	0-2'	0-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'		
Pesticides (µg/kg)																	
Endosulfan Sulfate	ND	ND	ND	ND	ND	ND	ND	ND	<5.41	<5.30	<5.25	<5.27	<5.26	<5.52	<5.90	2,400	4,800
Endrin	ND	ND	**310**	**1800**	ND	ND	ND	ND	<5.41	<5.30	<5.25	<5.27	<5.26	<5.52	<5.90	14	2,200
Endrin Aldehyde	ND	ND	ND	ND	ND	ND	ND	ND	<5.41	<5.30	<5.25	<5.27	<5.26	<5.52	<5.90	NS	NS
Endrin Ketone	ND	ND	ND	ND	ND	ND	ND	ND	<5.41	<5.30	<5.25	<5.27	<5.26	<5.52	<5.90	NS	
Gamma BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	ND	<5.41	<5.30	<5.25	<5.27	<5.26	<5.52	<5.90	7,000	14,000
Gamma Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	<5.41	<5.30	<5.25	<5.27	<5.26	<5.52	<5.90	NS	NS
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	<5.41	<5.30	<5.25	<5.27	<5.26	<5.52	<5.90	420	420
Heptachlor Epoxide	ND	ND	ND	ND	ND	ND	ND	ND	<5.41	<5.30	<5.25	<5.27	<5.26	<5.52	<5.90	NS	NS
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	<5.41	<5.30	<5.25	<5.27	<5.26	<5.52	<5.90	NS	NS
p,p-DDD	ND	ND	ND	ND	ND	ND	ND	ND	<5.41	<5.30	<5.25	**5.64**	<5.26	<5.52	<5.90	3.3	2,600
p,p-DDE	**3.3**	ND	**340**	**180**	ND	ND	ND	ND	<5.41	<5.30	<5.25	**43.8**	<5.26	<5.52	<5.90	3.3	1,800
p,p-DDT	**7.3**	**24**	**240**	**2900**	ND	ND	ND	ND	<5.41	<5.30	<5.25	**88.4**	<5.26	<5.52	**6.84**	3.3	1,700
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	<270	<265	<263	<264	<263	<276	<295	NS	NS
PCBs (µg/kg)																	
Aroclor 1016	ND	ND	ND	ND	ND	ND	ND	ND	<70.3	<68.9	<68.3	<68.6	<68.4	<71.7	<76.7	NS	NS
Aroclor 1221	ND	ND	ND	ND	ND	ND	ND	ND	<108	<106	<105	<105	<105	<110	<118	NS	NS
Aroclor 1232	ND	ND	ND	ND	ND	ND	ND	ND	<77.8	<76.4	<75.6	<75.9	<75.8	<79.5	<84.9	NS	NS
Aroclor 1242	ND	ND	ND	ND	ND	ND	ND	ND	<108	<106	<105	<105	<105	<110	<118	NS	NS
Aroclor 1248	ND	ND	ND	ND	ND	ND	ND	ND	<64.9	<63.6	<63.0	<63.3	<63.2	<66.2	<70.8	NS	NS
Aroclor 1254	ND	ND	ND	ND	ND	ND	ND	ND	<32.4	<31.8	<31.5	<31.6	<31.6	<33.1	<35.4	NS	NS
Aroclor 1260	ND	ND	ND	ND	ND	ND	ND	ND	<108	<106	<105	<105	<105	<110	<118	NS	NS

ND…this indicates no detection above reporting limit for this analyte
NS...this indicates that no regulatory limit has been established for this analyte
NA...this indicates the analyte was not a target for this sample
Grey shaded values represent concentration exceeding Unrestricted Unse SCO
Blue shaded values represent concentration exceeding Residnetial SCO

Table 2 (Cont.)
Deep Soil Samples Organic Analytical Results
490-504 Myrtle Avenue, Brooklyn, New York

Sample Identification	B-1	B-2	B-3	B-4	SP-1	SP-2	SP-3	SP-4	SP-5	SP-6	SP-11	SP-12	SP-13	SP-14	SP-15	Unrestricted Use Soil Cleanup Objectives (6 NYC RR Pt.375-6.8)	Restricted Use Soil Cleanup Objectives (6 NYC RR Pt.375-6.8b) - Residential
Sample Depth	10-12'	10-12'	8-10'	8-10'	9'-10'	13'-14'	7'-8'	8'-10'	12'-14'	4'-6'	4'-6'	4'-6'	2'-4'	2'-4'	4'-6'		
Sample Date	9/23/2011	9/23/2011	9/23/2011	9/23/2011	6/3/2012	6/3/2012	6/3/2012	6/3/2012	11/16/2012	11/16/2012	11/15/2012	11/15/2012	11/15/2012	11/15/2012	11/15/2012		
Sample Matrix	soil	soil	soil	soil	soil	soil	soil	soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil		
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/kg	ug/kg
Volatile Organic Compounds (µg/kg)																	
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	NS	NS
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	680	100,000
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	<2.38	<2.35	<2.15	<2.06	<2.10	<2.16	<2.57	NS	NS
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	NS	NS
1,1,2-Trichlorotrifluroethane	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	<2.38	<2.35	<2.15	<2.06	<2.10	<2.16	<2.57	270	19,000
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	330	100,000
1,1-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	NS	NS
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<2.38	<2.35	<2.15	<2.06	<2.10	<2.16	<2.57	NS	NS
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	<5.94	<5.87	<5.37	<5.14	<5.25	<5.41	<6.43	NS	NS
1,2,4,5-Tetramethylbenzene	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
1,2,4-Trichlorobenzene	ND	ND	ND	ND	NA	NA	NA	NA	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	NS	NS
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	3,600	47,000
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	<2.38	<2.35	<2.15	<2.06	<2.10	<2.16	<2.57	NS	NS
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	<2.38	<2.35	<2.15	<2.06	<2.10	<2.16	<2.57	NS	NS
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	1,100	100,000
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	20	2,300
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	NS	NS
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	<2.38	<2.35	<2.15	<2.06	<2.10	<2.16	<2.57	8,400	47,000
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<2.38	<2.35	<2.15	<2.06	<2.10	<2.16	<2.57	2,400	17,000
1,3-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	NS	NS
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	1,800	10,000
2,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	NS	NS
2-Butanone	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
2-Chloroethylvinylether	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
2-Chlorotoluene	ND	ND	ND	ND	ND	ND	ND	ND	<2.38	<2.35	<2.15	<2.06	<2.10	<2.16	<2.57	NS	NS
2-Hexanone	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
4-Chlorotoluene	ND	ND	ND	ND	ND	ND	ND	ND	<2.38	<2.35	<2.15	<2.06	<2.10	<2.16	<2.57	NS	NS
4-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	NS	NS
4-Methyl-2pentanone	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Acetone	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Acrylonitrile	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	60	2,900
Bromobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<2.38	<2.35	<2.15	<2.06	<2.10	<2.16	<2.57	NS	NS
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	NS	NS
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	<5.94	<5.87	<5.37	<5.14	<5.26	<5.41	<6.43	NS	NS
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	NS	NS
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	<2.38	<2.35	<2.15	<2.06	<2.10	<2.16	<2.57	NS	NS
Carbon disulfide	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Carbon tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	<2.38	<2.35	<2.15	<2.06	<2.10	<2.16	<2.57	760	1,400
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	1,100	100,000
Chlorodiflouromethane	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	<2.38	<2.35	<2.15	<2.06	<2.10	<2.16	<2.57	NS	NS
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	370	10,000

Table 2 (Cont.)
Deep Soil Samples Organic Analytical Results
490-504 Myrtle Avenue, Brooklyn, New York

Sample Identification	B-1	B-2	B-3	B-4	SP-1	SP-2	SP-3	SP-4	SP-5	SP-6	SP-11	SP-12	SP-13	SP-14	SP-15	Unresricted SCO	Residential SCO
Sample Depth	10-12'	10-12'	8-10'	8-10'	9'-10'	13'-14'	7'-8'	8'-10'	12'-14'	4'-6'	4'-6'	4'-6'	2'-4'	2'-4'	4'-6'		
Volatile Organic Compounds (µg/kg)																	
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	<2.38	<2.35	<2.15	<2.06	<2.10	<2.16	<2.57	NS	NS
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	250	59,000
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	NS	NS
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	<2.38	<2.35	<2.15	<2.06	<2.10	<2.16	<2.57	NS	NS
Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	NS	NS
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	NS	NS
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	1,000	30,000
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	NS	NS
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	<2.38	<2.35	<2.15	<2.06	<2.10	<2.16	<2.57	NS	NS
m + p-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	<2.38	<2.35	<2.15	<2.06	<2.10	<2.16	<2.57	NS	NS
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	<11.9	<11.7	<10.7	<10.3	<10.5	<10.8	<12.9	50	51,000
Methyl-Tert-Butyl-Ether	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	930	62,000
Naphthalene	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	12,000	100,000
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	<2.38	<2.35	<2.15	<2.06	<2.10	<2.16	<2.57	3,900	100,000
o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	NS	NS
o-Xylene (Total)	ND	ND	ND	ND	ND	ND	ND	ND	<2.38	<2.35	<2.15	<2.06	<2.10	<2.16	<2.57	260	100,000
p-Diethylbenzene	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
p-Ethyltoluene	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	11,000	100,000
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	NS	NS
TAME	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	5,900	100,000
Tertiary butyl alcohol	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Tetrachloroethene	ND	ND	**1360**	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	**29.6**	**14.8**	<1.29	1,300	5,500
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	700	100,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	190	100,000
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	NS	NS
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	470	10,000
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	<1.19	<1.17	<1.07	<1.03	<1.05	<1.08	<1.29	NS	NS
Vinyl chloride	ND	ND	ND	ND	ND	ND	ND	ND	<2.38	<2.35	<2.15	<2.06	<2.10	<2.16	<2.57	20	210
Total VOCS	ND	ND	**1360**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**29.6**	**14.8**	ND	NS	NS
Semi-Volatile Organic Compounds (µg/kg)																	
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
1,2-Diphenylhydrazine	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
2,3,4,6-Tetrachlorophenol	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
2,4,5-Trichlorophenol	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
2,4,6-Trichlorophenol	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
2,4-Dichlorophenol	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
2,4-Dimethylphenol	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
2,4-Dinitrophenol	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
2-Chlorophenol	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS

Table 2 (Cont.)
Deep Soil Samples Organic Analytical Results
490-504 Myrtle Avenue, Brooklyn, New York

Sample Identification	B-1	B-2	B-3	B-4	SP-1	SP-2	SP-3	SP-4	SP-5	SP-6	SP-11	SP-12	SP-13	SP-14	SP-15	Unresricted SCO	Residential SCO
Sample Depth	10-12'	10-12'	8-10'	8-10'	9'-10'	13'-14'	7'-8'	8'-10'	12'-14'	4'-6'	4'-6'	4'-6'	2'-4'	2'-4'	4'-6'		
Semi-Volatile Organic Compounds (µg/kg)																	
2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
2-Methylphenol	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
2-Nitrophenol	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
3+4-Methylphenol	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
4-Bromophenyl Phenyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
4-Chloro-3-methylphenol	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
4-Chlorophenyl Phenyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
4-Nitrophenol	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	**1270**	<271	<321	20,000	100,000
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	100,000	100,000
Aniline	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	**3930**	<271	<321	100,000	100,000
Benzidine	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Benzo (a) Anthracene	ND	**324**	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	**9700**	<271	<321	1,000	1,000
Benzo (a) Pyrene	ND	**308**	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	**9670**	<271	<321	1,000	1,000
Benzo (b) Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	**15000**	<271	<321	1,000	1,000
Benzo (g,h,I) Perylene	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	**5150**	<271	<321	100,000	100,000
Benzo (k) Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	**5400**	<271	<321	800	1,000
Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
Benzyl alcohol	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Benzyl Butyl Phthalate	ND	ND	ND	ND	NA	NA	NA	NA	<297	<293	<269	<257	<263	<271	<321	NS	NS
bis (2-Chloroethoxy) Methane	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
bis (2-Chloroethyl) Ether	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
bis (2-Chloroisopropyl) Ether	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
bis(2-Ethylhexyl)phthalate	**506**	**1100**	ND	**152**	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
Carbazole	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Chrysene	ND	**350**	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	**9090**	<271	<321	1,000	1,000
Cresols	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Dibenzo (a,h) Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	330	330
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
Diethyl Phthalate	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
Dimethyl Phthalate	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
Di-n-Butyl Phthalate	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
D-n-n-octyl Phthalate	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
Fluoranthene	ND	**810**	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	100,000	100,000
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	30,000	100,000
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
Hexachlorobudadiene	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	<594	<587	<537	<514	<252	<541	<643	NS	NS
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
Indeno (1,2,3-cd) Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	**5860**	<271	<321	500	500
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS

Table 2 (Cont.)
Deep Soil Samples Organic Analytical Results
490-504 Myrtle Avenue, Brooklyn, New York

Sample Identification	B-1	B-2	B-3	B-4	SP-1	SP-2	SP-3	SP-4	SP-5	SP-6	SP-11	SP-12	SP-13	SP-14	SP-15	Unresricted SCO	Residential SCO
Sample Depth	10-12'	10-12'	8-10'	8-10'	9'-10'	13'-14'	7'-8'	8'-10'	12'-14'	4'-6'	4'-6'	4'-6'	2'-4'	2'-4'	4'-6'		
Semi-Volatile Organic Compounds (µg/kg)																	
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	12,000	100,000
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
n-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	<263	<271	<321	NS	NS
N-Nitrospdimethylamine	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Pentachlorophenol	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Phenanthrene	ND	**662**	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	**14300**	<271	<321	100,000	100,000
Phenol	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Pyrene	ND	**639**	ND	ND	ND	ND	ND	ND	<297	<293	<269	<257	**19200**	<271	<321	100,000	100,000
Pyridine	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Total SVOCS	**506**	**4193**	ND	**152**	ND	ND	ND	ND	ND	ND	ND	ND	**98570**	ND	ND	NS	NS
Pesticides (µg/kg)																	
a BHC	ND	ND	ND	ND	NA	NA	NA	NA	<5.94	<5.87	<5.37	<5.14	<5.26	<5.41	<6.43	20	97
Aldrin	ND	ND	ND	ND	NA	NA	NA	NA	<5.94	<5.87	<5.37	<5.14	<5.26	<5.41	<6.43	5	19
b BHC	ND	ND	ND	ND	NA	NA	NA	NA	<5.94	<5.87	<5.37	<5.14	<5.26	<5.41	<6.43	36	72
Chlordane	ND	ND	ND	ND	NA	NA	NA	NA	<5.94	<5.87	<5.37	<5.14	<5.26	<5.41	<6.43	NS	NS
Chlordane (alpha)	ND	ND	ND	ND	NA	NA	NA	NA	<59.4	<58.7	<53.7	<51.4	<52.6	<54.1	<64.3	94	910
d BHC g	ND	ND	ND	ND	NA	NA	NA	NA	<5.94	<5.87	<5.37	<5.14	<5.26	<5.41	<6.43	40	100,000
Dieldrin	ND	ND	ND	ND	NA	NA	NA	NA	<5.94	<5.87	<5.37	<5.14	<5.26	<5.41	<6.43	5	39
Endosulfan I	ND	ND	ND	ND	NA	NA	NA	NA	<5.94	<5.87	<5.37	<5.14	<5.26	<5.41	<6.43	2,400	4,800
Endosulfan II	ND	ND	ND	ND	NA	NA	NA	NA	<5.94	<5.87	<5.37	<5.14	<5.26	<5.41	<6.43	2,400	4,800
Endosulfan Sulfate	ND	ND	ND	ND	NA	NA	NA	NA	<5.94	<5.87	<5.37	<5.14	<5.26	<5.41	<6.43	2,400	4,800
Endrin	ND	ND	ND	ND	NA	NA	NA	NA	<5.94	<5.87	<5.37	<5.14	<5.26	<5.41	<6.43	14	2,200
Endrin Aldehyde	ND	ND	ND	ND	NA	NA	NA	NA	<5.94	<5.87	<5.37	<5.14	<5.26	<5.41	<6.43	NS	NS
Endrin Ketone	ND	ND	ND	ND	NA	NA	NA	NA	<5.94	<5.87	<5.37	<5.14	<5.26	<5.41	<6.43	NS	
Gamma BHC (Lindane)	ND	ND	ND	ND	NA	NA	NA	NA	<5.94	<5.87	<5.37	<5.14	<5.26	<5.41	<6.43	7,000	14,000
Gamma Chlordane	ND	ND	ND	ND	NA	NA	NA	NA	<5.94	<5.87	<5.37	<5.14	<5.26	<5.41	<6.43	NS	NS
Heptachlor	ND	ND	ND	ND	NA	NA	NA	NA	<5.94	<5.87	<5.37	<5.14	<5.26	<5.41	<6.43	420	420
Heptachlor Epoxide	ND	ND	ND	ND	NA	NA	NA	NA	<5.94	<5.87	<5.37	<5.14	<5.26	<5.41	<6.43	NS	NS
Methoxychlor	ND	ND	ND	ND	NA	NA	NA	NA	<5.94	<5.87	<5.37	<5.14	<5.26	<5.41	<6.43	NS	NS
p,p-DDD	ND	ND	ND	ND	NA	NA	NA	NA	<5.94	<5.87	<5.37	<5.14	<5.26	<5.41	<6.43	3.3	2,600
p,p-DDE	ND	ND	ND	ND	NA	NA	NA	NA	<5.94	<5.87	<5.37	<5.14	**14.5**	<5.41	<6.43	3.3	1,800
p,p-DDT	ND	ND	ND	ND	NA	NA	NA	NA	<5.94	<5.87	<5.37	<5.14	**60.3**	<5.41	<6.43	3.3	1,700
Toxaphene	ND	ND	ND	ND	NA	NA	NA	NA	<297	<2.93	<269	<257	<263	<271	<321	NS	NS
PCBs (µg/kg)																	
Aroclor 1016	ND	ND	ND	ND	NA	NA	NA	NA	<77.2	<76.3	<69.8	<66.8	<68.3	<70.3	<83.5	NS	NS
Aroclor 1221	ND	ND	ND	ND	NA	NA	NA	NA	<119	<117	<107	<103	<105	<108	<129	NS	NS
Aroclor 1232	ND	ND	ND	ND	NA	NA	NA	NA	<85.5	<84.5	<77.3	<74.0	<75.7	<77.9	<92.5	NS	NS
Aroclor 1242	ND	ND	ND	ND	NA	NA	NA	NA	<119	<117	<107	<103	<105	<108	<129	NS	NS
Aroclor 1248	ND	ND	ND	ND	NA	NA	NA	NA	<71.3	<70.4	<64.4	<61.7	<63.1	<64.9	<77.1	NS	NS
Aroclor 1254	ND	ND	ND	ND	NA	NA	NA	NA	<35.6	<35.2	<32.2	<30.8	<31.5	<32.9	<38.6	NS	NS
Aroclor 1260	ND	ND	ND	ND	NA	NA	NA	NA	<119	<117	<107	<103	<105	<108	<129	NS	NS

ND…this indicates no detection above reporting limit for this analyte
NS...this indicates that no regulatory limit has been established for this analyte
NA...this indicates the analyte was not a target for this sample
Grey shaded values represent concentration exceeding Unrestricted Unse SCO
Blue shaded values represent concentration exceeding Residnetial SCO

Table 2 (Cont.)
Shallow Soil Samples Inorganic Analytical Results
490-504 Myrtle Avenue, Brooklyn, New York

Sample Identification	SB-1	SB-2	SB-3	SB-4	B-1	B-2	B-3	B-4	SP-5	SP-6	SP-11	SP-12	SP-13	SP-14	SP-15	Unrestricted Use Soil Cleanup Objectives (6 NYC RR Pt.375-6.8)	Restricted Use Soil Cleanup Objectives (6 NYC RR Pt.375-6.8b) - Residential
Sample Depth	0-2	0-2'	0-2'	0-2'	0-2	0-2'	0-2'	0-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'		
Sample Date	10/21/2010	10/21/2010	10/21/2010	10/21/2010	9/23/2011	9/23/2011	9/23/2011	9/23/2011	11/16/2012	11/16/2012	11/15/2012	11/15/2012	11/15/2012	11/15/2012	11/15/2012		
Sample Matrix	soil	soil	soil	soil	soil	soil	soil	soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil		
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aluminum	4440	4670	4490	4200	5010	5130	4130	4920	7610	8020	8050	5860	6750	7400	9800	NS	NS
Antimony	3160	0.6	0.7	ND	ND	ND	ND	ND	<1.64	<1.67	<1.58	<1.50	<1.60	<1.61	<1.66	NS	NS
Arsenic	10.6	5.36	0.67	1.9	ND	ND	ND	ND	<1.64	<1.67	<1.58	<1.50	<1.60	<1.61	<1.66	13	16
Barium	118	1270	124	128	58.8	59.2	49.6	65.8	151	62.5	66.3	94.2	54.4	79.0	73.8	350	350
Beryllium	1	0.35	0.38	0.34	ND	ND	ND	ND	<0.164	<0.167	<0.158	<0.150	<0.160	0.237	<0.166	7.2	14
Cadmium	0.55	ND	ND	ND	ND	ND	ND	ND	1.71	1.62	1.74	1.12	1.12	1.28	1.85	2.5	2.5
Calcium	19700	2610	12300	7790	1150	1450	962	10500	16000	2590	4390	24200	8200	21600	5580	NS	NS
Chromium	48.6	16	16	14.4	20.6	19.1	17.1	15.8	7.02	<0.265	<0.263	6.34	7.68	9.66	13.4	30*	36*
Chromium Hexavalent	NA	NA	NA	NA	NA	NA	NA	NA	<0.270	<0.265	<0.263	<0.264	<0.263	<0.276	<0.295	1	22
Chromium Trivalent	NA	NA	NA	NA	NA	NA	NA	NA	9.96	5.49	5.04	6.34	7.68	9.66	13.4	30	36
Cobalt	7.45	5.43	3.22	5.79	10.3	8.29	9.83	7.51	7.99	10.1	10.7	6.03	7.84	7.07	10.6	NS	NS
Copper	132	47.1	20.7	18.7	19.2	19.1	13.8	25.8	17.8	16.5	16.1	19.0	22.9	20.1	22.3	50	270
Cyanide	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
Iron	78600	12800	15200	13800	28300	22200	20900	17300	22700	27100	27500	17000	17100	17200	27400	NS	NS
Lead	196	1960	255	148	6.75	8.79	5.03	11.4	190	8.00	9.39	48.4	33.4	26.5	17.6	63	400
Magnesium	2570	4650	3760	2720	2760	2950.00	2290	2480	3860	4160	4580	6500	310	233	4960	NS	NS
Manganese	579	241	283	261	312	215	317	257	402	327	365	265	5340	3560	405	1,600	2,000
Mercury	1.1	1.1	0.319	0.435	ND	ND	ND	ND	0.097	<0.013	<0.016	0.037	0.227	0.180	0.020	0.18	0.81
Nickel	38.2	12.8	13.8	12.7	15.9	16.4	12.9	257	15.2	19.0	17.7	13	45.0	16.3	27.4	30	140
Potassium	1290	1610	1880	1530	3640	2690	2070	1890	2530	3120	2940	1500	2120	2040	3070	NS	NS
Selenium	3.72	1.5	1.53	1.05	ND	ND	ND	ND	<0.822	<0.835	<0.790	<0.748	<0.798	<0.804	<0.829	3.9	36
Silver	1.74	0.45	0.36	0.42	ND	ND	ND	ND	<0.822	<0.835	<0.790	<0.748	<0.798	<0.804	<0.829	2	36
Sodium	462	658	1260	305	121	111	53.1	201	202	119	237	446	531	439	240	NS	NS
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	<1.64	1.98	2.30	<1.50	<1.60	<1.61	1.76	NS	NS
Vanadium	29.5	20.6	21.8	21.1	32.7	30.8	26.4	26.4	33.9	40.6	38.3	24.9	41.5	26.4	41.8	NS	NS
Zinc	138	725	146	198	63	61.2	44.6	47.9	123	63.9	88.2	51.7	67.0	61.9	70.6	109	2,200

ND…this indicates no detection above reporting limit for this analyte
NS...this indicates that no regulatory limit has been established for this analyte
*….Standard for Chromium Trivalent
NA...this indicates the analyte was not a target for this sample
Grey shaded values represent concentration exceeding Unrestricted Unse SCO
Blue shaded values represent concentration exceeding Residnetial SCO

Table 2 (Cont.)
Deep Soil Samples Inorganic Analytical Results
490-504 Myrtle Avenue, Brooklyn, New York

Sample Identification	B-1	B-2	B-3	B-4	SP-5	SP-6	SP-11	SP-12	SP-13	SP-14	SP-15	Unrestricted Use Soil Cleanup Objectives (6 NYC RR Pt.375-6.8)	Restricted Use Soil Cleanup Objectives (6 NYC RR Pt.375-6.8b) - Residential
Sample Depth	10-12'	10-12'	8-10'	8-10'	12'-14'	4'-6'	4'-6'	4'-6'	2'-4'	2'-4'	4'-6'		
Sample Date	9/23/2011	9/23/2011	9/23/2011	9/23/2011	11/16/2012	11/16/2012	11/15/2012	11/15/2012	11/15/2012	11/15/2012	11/15/2012		
Sample Matrix	soil	soil	soil	soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil		
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aluminum	**2620**	**4210**	**1380**	**4270**	**12900**	**9400**	**5660**	**4130**	**6200**	**7370**	**17400**	NS	NS
Antimony	ND	ND	ND	ND	<1.90	<1.90	<1.90	<1.43	<1.53	<1.95	<1.95	NS	NS
Arsenic	ND	**0.8**	ND	ND	<1.90	<1.90	<1.90	<1.43	<1.53	<1.95	<1.95	13	16
Barium	**34.7**	**51.2**	**31.2**	**46.5**	**125**	**73.9**	**49.1**	**21.9**	**419**	**83.0**	**145**	350	350
Beryllium	ND	ND	ND	ND	<0.190	<0.190	<0.190	**0.402**	**0.256**	**0.316**	<0.195	7.2	14
Cadmium	ND	ND	ND	ND	**2.42**	**1.80**	**1.02**	**0.835**	**1.50**	**1.24**	**2.90**	2.5	2.5
Calcium	**4690**	**7940**	**6270**	**2880**	**4330**	**2610**	**5820**	**21100**	**11500**	**24100**	**4480**	NS	NS
Chromium	**14**	**16.5**	**4.46**	**21.5**	<0.297	<0.293	**30.6**	**27.2**	**24.4**	**4.42**	**17.5**	30*	36*
Chromium Hexavalent	NA	NA	NA	NA	<0.297	<0.293	<0.269	<0.257	<0.263	<0.252	<0.301	1	22
Chromium Trivalent	NA	NA	NA	NA	**14.1**	**8.68**	**30.6**	**27.2**	**24.4**	**4.42**	**17.5**	30	36
Cobalt	**6.78**	**7.54**	**3.14**	**7.35**	**14.3**	**13.1**	**7.49**	**4.80**	**8.35**	**7.27**	**14.3**	NS	NS
Copper	**14.9**	**16.8**	**6.92**	**16.9**	**27.5**	**20.9**	**12.7**	**8.53**	**22.3**	**26.7**	**29.5**	50	270
Cyanide	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
Iron	**19800**	**17600**	**15200**	**17100.00**	**34800**	**28400**	**17200**	**16000**	**26100**	**18700**	**41100**	NS	NS
Lead	**8.41**	**10.5**	**3.93**	**5.61**	**8.15**	**6.83**	**6.37**	**4.28**	**113**	**28.4**	**13.8**	63	400
Magnesium	**2990**	**2700**	**3150**	**3490**	**6940**	**479**	**275**	**7040**	**441**	**3650**	**8880**	NS	NS
Manganese	**292**	**268**	**383**	**237**	**448**	**4860**	**5680**	**355**	**5030**	**471**	**589**	1,600	2,000
Mercury	ND	ND	ND	ND	<0.016	<0.018	<0.014	<0.011	**0.187**	**0.099**	<0.017	0.18	0.81
Nickel	**11.7**	**13.1**	**6.02**	**15.6**	**26.2**	**22.5**	**38.6**	**25.7**	**39.0**	**15.7**	**29.7**	30	140
Potassium	**1180**	**1710**	**432**	**1810**	**5220**	**3650**	**1400**	**856**	**1770**	**1760**	**5380**	NS	NS
Selenium	ND	ND	ND	ND	<0.951	<0.949	<0.949	<0.717	<0.765	<0.974	<0.976	3.9	36
Silver	ND	ND	ND	ND	<0.951	<0.949	<0.949	<0.717	<0.765	<0.974	<0.976	2	36
Sodium	**105**	**274**	**57**	**101**	**198**	**137**	**168**	**1000**	**181**	**471**	**419**	NS	NS
Thallium	ND	ND	ND	ND	**4.56**	**2.70**	<1.90	<1.43	<1.53	<195	**2.92**	NS	NS
Vanadium	**23.3**	**24.2**	**12.1**	**28.5**	**55.2**	**46.5**	**23.7**	**15.5**	**28.5**	**31.2**	**57.3**	NS	NS
Zinc	**29.7**	**36.8**	**15**	**34.6**	**94.1**	**74.0**	**39.5**	**23.4**	**217**	**56.4**	**89.9**	109	2,200

ND…this indicates no detection above reporting limit for this analyte
NS...this indicates that no regulatory limit has been established for this analyte
*….Standard for Chromium Trivalent
NA...this indicates the analyte was not a target for this sample
Grey shaded values represent concentration exceeding Unrestricted Unse SCO
Blue shaded values represent concentration exceeding Residnetial SCO

Table 2 (Cont.)
Blanks Organic Analytical Results
490-504 Myrtle Avenue, Brooklyn, New York

Sample Identification	Trip Blank	Field Blank	Trip Blank	NYSDEC TOGS 1.1.1 Groundwater Quality Standard
Sample Date	10/21/2010	11/15/2012	11/16/2012	
Sample Matrix	DI Water	DI Water	DI Water	
Units	ug/L	ug/L	ug/L	ug/L
Volatile Organic Compounds (µg/kg)				
Benzene	ND	<1.00	<1.00	1
Bromobenzene	ND	<1.00	<1.00	5
Bromochloromethane	ND	<1.00	<1.00	5
Bromodichloromethane	ND	<1.00	<1.00	5
Bromoform	ND	<1.00	<1.00	5
Bromomethane	ND	<2.01	<2.01	NS
sec-Butylbenzene	ND	<1.00	<1.00	5
n-Butylbenzene	ND	<1.00	<1.00	5
tert-Butylbenzene	ND	<1.00	<1.00	5
Carbon tetrachloride	ND	<1.00	<1.00	5
Chlorobenzene	ND	<1.00	<1.00	5
Chloroethane	ND	<1.00	<1.00	5
Chloroform	ND	<1.00	<1.00	7
Chloromethane	ND	<1.00	<1.00	NS
2-Chlorotoluene	ND	<2.01	<2.01	5
4-Chlorotoluene	ND	<1.00	<1.00	5
1,2-Dibromo-3-chloropropane	ND	<1.00	<1.00	0.04
Dibromochloromethane	ND	<1.00	<1.00	5
1,2-Dibromoethane	ND	<1.00	<1.00	0.0006
Dibromomethane	ND	<1.00	<1.00	5
1,2-Dichlorobenzene	ND	<1.00	<1.00	3
1,3-Dichlorobenzene	ND	<1.00	<1.00	3
1,4-Dichlorobenzene	ND	<1.00	<1.00	3
Dichlorodifluoromethane	ND	<1.00	<1.00	5
1,1-Dichloroethane	ND	<1.00	<1.00	5
1,2-Dichloroethane	ND	<1.00	<1.00	5
1,1-Dichloroethene	ND	<1.00	<1.00	5
cis-1,2-Dichloroethene	ND	<1.00	<1.00	5
trans-1,2-Dichloroethene	ND	<1.00	<1.00	5
1,3-Dichloropropane	ND	<1.00	<1.00	5
2,2-Dichloropropane	ND	<1.00	<1.00	5
1,2-Dichloropropane	ND	<1.00	<1.00	1
trans-1,3-Dichloropropene	ND	<1.00	<1.00	0.4
1,1-Dichloropropene	ND	<1.00	<1.00	5
cis-1,3-Dichloropropene	ND	<1.00	<1.00	0.4
Ethylbenzene	ND	<1.00	<1.00	5
Hexachlorobutadiene	ND	<1.00	<1.00	0.5
Isopropylbenzene	ND	<1.00	<1.00	5
4-Isopropyltoluene	ND	<1.00	<1.00	5
Methyl-t-butyl ether	ND	<1.00	<1.00	10
Methylene chloride	ND	<10.1	<10.1	5

Table 2 (Cont.)
Blanks Organic Analytical Results
409 & 504 Myrtle Ave, Brooklyn, New York

Sample Identification		Field Blank	Trip Blank	GQS
Volatile Organic Compounds (µg/kg)				
Styrene	ND	<1.00	<1.00	5
1,1,2,2-Tetrachloroethane	ND	<1.00	<1.00	5
1,1,1,2-Tetrachloroethane	ND	<1.00	<1.00	5
Tetrachloroethene	ND	<1.00	<1.00	5
Toluene	ND	<1.00	<1.00	5
1,2,4-Trichlorobenzene	ND	<1.00	<1.00	5
1,2,3-Trichlorobenzene	ND	<2.01	<2.01	5
1,1,1-Trichloroethane	ND	<1.00	<1.00	5
1,1,2-Trichloroethane	ND	<1.00	<1.00	1
Trichloroethene	ND	<1.00	<1.00	5
Trichlorofluoromethane	ND	<1.00	<1.00	5
1,2,3-Trichloropropane	ND	<1.00	<1.00	0.04
1,2,4-Trimethylbenzene	ND	**1.02**	<1.00	5
1,3,5-Trimethylbenzene	ND	<1.00	<1.00	5
Vinyl chloride	ND	<1.00	<1.00	2
o-Xylene	ND	**1.07**	<1.00	5
m,p-Xylene	ND	**2.92**	**2.58**	5
Semi-Volatile Organic Compounds (µg/kg)				
Acenaphthene	NA	<3.00	NA	20
Acenaphthylene	NA	<3.00	NA	NS
Anthracene	NA	<3.00	NA	50
Benzo(a)anthracene	NA	<3.00	NA	NS
Benzo(a)pyrene	NA	<3.00	NA	NS
Benzo(b)fluoranthene	NA	<3.00	NA	0.002
Benzo(g,h,i)perylene	NA	<3.00	NA	NS
Benzo(k)fluoranthene	NA	<3.00	NA	0.002
4-Bromophenyl phenyl ether	NA	<3.00	NA	0.04
Butyl benzyl phthalate	NA	<4.00	NA	50
4-Chloroaniline	NA	<4.00	NA	5
bis(2-Chloroethoxy)methane	NA	<4.00	NA	NS
bis(2-Chloroethyl)ether	NA	<4.00	NA	NS
bis(2-Chloroisopropyl)ether	NA	<4.00	NA	NS
2-Chloronaphthalene	NA	<3.00	NA	10
4-Chlorophenol phenyl ether	NA	<3.00	NA	NS
Chrysene	NA	<3.00	NA	0.002
Dibenzo(a,h)anthracene	NA	<3.00	NA	NS
Dibenzofuran	NA	<3.00	NA	NS
Di-n-butylphthalate	NA	<3.00	NA	50
1,2-Dichlorobenzene	NA	<3.00	NA	NS
1,4-Dichlorobenzene	NA	<3.00	NA	NS
1,3-Dichlorobenzene	NA	<3.00	NA	NS
3,3'-Dichlorobenzidene	NA	<4.03	NA	5
Diethyl phthalate	NA	<3.00	NA	50
Dimethyl phthalate	NA	<3.00	NA	5
2,4-Dinitrotoluene	NA	<3.00	NA	5

Table 2 (Cont.)
Blanks Organic Analytical Results
409 & 504 Myrtle Ave, Brooklyn, New York

Sample Identification		Field Blank	Trip Blank	GQS
Semi-Volatile Organic Compounds (µg/kg)				
2,6-Dinitrotoluene	NA	<3.00	NA	5
bis(2-Ethylhexyl)phthalate	NA	<3.00	NA	5
Fluoranthene	NA	<3.00	NA	50
Fluorene	NA	<3.00	NA	50
Hexachlorobenzene	NA	<5.03	NA	0.04
Hexachlorobutadiene	NA	<3.03	NA	NS
Hexachlorocyclopentadiene	NA	<6.03	NA	5
Hexachloroethane	NA	<4.03	NA	5
Indeno(1,2,3-cd)pyrene	NA	<2.00	NA	0.002
Isophorone	NA	<2.00	NA	50
2-Methylnaphthalene	NA	<3.03	NA	NS
Naphthalene	NA	<4.03	NA	10
3-Nitroaniline	NA	<3.03	NA	5
2-Nitroaniline	NA	<4.03	NA	5
4-Nitroaniline	NA	<3.00	NA	5
Nitrobenzene	NA	<3.00	NA	0.4
N-Nitrosodiphenylamine	NA	<5.00	NA	50
N-Nitrosodi-n-propylamine	NA	<5.00	NA	NS
Phenanthrene	NA	<3.00	NA	50
Pyrene	NA	<3.00	NA	50
1,2,4-Trichlorobenzene	NA	<3.00	NA	NS
Pesticides (µg/kg)				
4,4-DDD	NA	<0.05	NA	0.3
a BHC	NA	<0.05	NA	NS
Alachlor	NA	<0.05	NA	0.5
Aldrin	NA	<0.05	NA	NS
b BHC	NA	<0.05	NA	NS
Chlordane	NA	<0.05	NA	0.05
Chlordane (technical)	NA	<0.50	NA	NS
d BHC	NA	<0.05	NA	NS
Dieldrin	NA	<0.05	NA	0.004
Endosulfan I	NA	<0.05	NA	NS
Endosulfan II	NA	<0.05	NA	NS
Endosulfan Sulfate	NA	<0.05	NA	NS
Endrin	NA	<0.05	NA	NS
Endrin Aldehyde	NA	<0.05	NA	5
Endrin Ketone	NA	<0.05	NA	5
Heptachlor	NA	<0.05	NA	0.04
Heptachlor Epoxide	NA	<0.05	NA	0.03
Lindane	NA	<0.05	NA	NS
Methoxychlor	NA	<0.05	NA	35
p,p-DDE	NA	<0.05	NA	0.2
p,p-DDT	NA	<0.05	NA	0.2
Toxaphene	NA	<2.50	NA	NS

Table 2 (Cont.)
Blanks Organic Analytical Results
409 & 504 Myrtle Ave, Brooklyn, New York

Sample Identification		Field Blank	Trip Blank	GQS
PCBs (µg/kg)				
Aroclor 1016	NA	<1.00	NA	0.09
Aroclor 1221	NA	<1.00	NA	0.09
Aroclor 1232	NA	<1.00	NA	0.09
Aroclor 1242	NA	<0.500	NA	0.09
Aroclor 1248	NA	<1.00	NA	0.09
Aroclor 1254	NA	<1.00	NA	0.09
Aroclor 1260	NA	<0.400	NA	0.09

NS=No standard
ND=Not detected
NA=Not analyzed
Grey shaded cell represent a concentration exceeding the GQS

Table 2 (Cont.)
Blanks Inorganic Analytical Results
490-504 Myrtle Avenue, Brooklyn, New York

Sample Identification	Field Blank	NYSDEC TOGS 1.1.1 Groundwater Quality Standard
Sample Date	11/15/012	
Sample Matrix	Groundwater	
Units	mg/L	mg/L
Aluminum	<0.040	NS
Antimony	<0.040	0.003
Arsenic	<0.040	0.025
Barium	<0.004	1
Beryllium	<0.004	0.003
Cadmium	<0.020	0.005
Calcium	**0.042**	NS
Chromium Hexavalent	<0.050	0.05
Chromium	<0.020	0.05
Cobalt	<0.008	NS
Copper	<0.004	0.2
Iron	<0.040	0.3
Lead	<0.040	0.025
Magnesium	<0.040	35
Manganese	<0.004	0.30
Mercury	<0.30	0.0007
Nickel	<0.010	0.1
Potassium	<0.040	NS
Selenium	<0.020	0.01
Silver	<0.020	0.05
Sodium	**0.105**	20
Thallium	<0.040	0.0005
Vanadium	<0.004	NS
Zinc	**0.021**	5

NS…No Standard

Table 3
Groundwater Samples Organic Analytical Results
490-504 Myrtle Avenue, Brooklyn, New York

Sample Identification	MW-1	MW-1A	MW-1	MW-1A	MW-2	Field Blank	Field Blank	Trip Blank	NYSDEC TOGS 1.1.1 Groundwater Quality Standard
Sample Date	8/29/2012	9/14/2012	11/19/2012	11/19/2012	11/19/2012	9/14/2012	11/19/2012	11/19/2012	
Sample Matrix	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Volatile Organic Compounds (µg/kg)									
Benzene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	1
Bromobenzene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
Bromochloromethane	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
Bromodichloromethane	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
Bromoform	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
Bromomethane	ND	ND	<2.00	<2.00	<2.00	ND	<2.01	<2.02	NS
sec-Butylbenzene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
n-Butylbenzene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
tert-Butylbenzene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
Carbon tetrachloride	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
Chlorobenzene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
Chloroethane	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
Chloroform	**10.7**	**1**	**2.13**	<1.00	<1.00	ND	<1.00	<1.00	7
Chloromethane	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	NS
2-Chlorotoluene	ND	ND	<2.00	<2.00	<2.00	ND	<2.01	<2.02	5
4-Chlorotoluene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
1,2-Dibromo-3-chloropropane	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	0.04
Dibromochloromethane	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
1,2-Dibromoethane	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	0.0006
Dibromomethane	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
1,2-Dichlorobenzene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	3
1,3-Dichlorobenzene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	3
1,4-Dichlorobenzene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	3
Dichlorodifluoromethane	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
1,1-Dichloroethane	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
1,2-Dichloroethane	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
1,1-Dichloroethene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
cis-1,2-Dichloroethene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
trans-1,2-Dichloroethene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
1,3-Dichloropropane	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
2,2-Dichloropropane	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
1,2-Dichloropropane	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	1
trans-1,3-Dichloropropene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	0.4
1,1-Dichloropropene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
cis-1,3-Dichloropropene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	0.4
Ethylbenzene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
Hexachlorobutadiene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	0.5
Isopropylbenzene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
4-Isopropyltoluene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
Methyl-t-butyl ether	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	10
Methylene chloride	ND	ND	<10.0	<10.0	<10.0	ND	<10.1	<10.2	5
n-Propylbenzene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	NS

Table 3 (Cont.)
Groundwater Samples Organic Analytical Results
490-504 Myrtle Avenue, Brooklyn, New York

Sample Identification	MW-1	MW-1A	MW-1	MW-1A	MW-2	Field Blank	Field Blank	Trip Blank	GQS
Volatile Organic Compounds (µg/kg)									
Styrene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
1,1,2,2-Tetrachloroethane	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
1,1,1,2-Tetrachloroethane	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
Tetrachloroethene	ND	**18**	**7.92**	**2.61**	<1.00	ND	<1.00	<1.00	5
Toluene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
1,2,4-Trichlorobenzene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
1,2,3-Trichlorobenzene	ND	ND	<2.00	<2.00	<2.00	ND	<2.01	<2.02	5
1,1,1-Trichloroethane	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
1,1,2-Trichloroethane	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	1
Trichloroethene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
Trichlorofluoromethane	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
1,2,3-Trichloropropane	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	0.04
1,2,4-Trimethylbenzene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
1,3,5-Trimethylbenzene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
Vinyl chloride	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	2
o-Xylene	ND	ND	<1.00	<1.00	<1.00	ND	<1.00	<1.00	5
m,p-Xylene	ND	ND	<2.00	<2.00	<2.00	ND	<2.01	<2.02	5
Total VOCs	**10.7**	**19**	**10.05**	**2.61**	ND	ND	ND	ND	NS
Semivolatile Organic Compounds									
Acenaphthene	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	20
Acenaphthylene	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	NS
Anthracene	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	50
Benzo(a)anthracene	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	NS
Benzo(a)pyrene	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	NS
Benzo(b)fluoranthene	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	0.002
Benzo(g,h,i)perylene	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	NS
Benzo(k)fluoranthene	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	0.002
4-Bromophenyl phenyl ether	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	0.04
Butyl benzyl phthalate	NA	ND	<4.00	<4.00	<4.00	ND	<4.00	NA	50
4-Chloroaniline	NA	ND	<4.00	<4.00	<4.00	ND	<4.00	NA	5
bis(2-Chloroethoxy)methane	NA	ND	<4.00	<4.00	<4.00	ND	<4.00	NA	NS
bis(2-Chloroisopropyl)ether	NA	ND	<4.00	<4.00	<4.00	ND	<4.00	NA	NS
2-Chloronaphthalene	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	10
4-Chlorophenol phenyl ether	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	NS
Chrysene	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	0.002
Dibenzo(a,h)anthracene	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	NS
Dibenzofuran	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	NS
Di-n-butylphthalate	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	50
1,2-Dichlorobenzene	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	NS
1,4-Dichlorobenzene	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	NS
1,3-Dichlorobenzene	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	NS
3,3'-Dichlorobenzidene	NA	ND	<4.00	<4.00	<4.01	ND	<4.02	NA	5
Diethyl phthalate	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	50
Dimethyl phthalate	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	5
2,4-Dinitrotoluene	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	5
2,6-Dinitrotoluene	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	5

Table 3 (Cont.)
Groundwater Samples Organic Analytical Results
490-504 Myrtle Avenue, Brooklyn, New York

Sample Identification	MW-1	MW-1A	MW-1	MW-1A	MW-2	Field Blank	Field Blank	Trip Blank	GQS
Semi-Volatile Organic Compounds (µg/kg)									
Di-n-octylphthalate	NA	ND	<4.00	<4.00	<4.01	ND	<4.02	NA	50
bis(2-Ethylhexyl)phthalate	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	5
Fluoranthene	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	50
Fluorene	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	50
Hexachlorobenzene	NA	ND	<5.00	<5.00	<5.01	ND	<5.02	NA	0.04
Hexachlorobutadiene	NA	ND	<3.00	<3.00	<3.01	ND	<3.02	NA	NS
Hexachlorocyclopentadiene	NA	ND	<6.00	<6.00	<6.01	ND	<6.02	NA	5
Hexachloroethane	NA	ND	<4.00	<4.00	<4.01	ND	<4.02	NA	5
Indeno(1,2,3-cd)pyrene	NA	ND	<2.00	<2.00	<2.00	ND	<2.00	NA	0.002
Isophorone	NA	ND	<2.00	<2.00	<2.00	ND	<2.00	NA	50
2-Methylnaphthalene	NA	ND	<3.00	<3.00	<3.01	ND	<3.02	NA	NS
Naphthalene	NA	ND	<4.00	<4.00	<4.01	ND	<4.02	NA	10
3-Nitroaniline	NA	ND	<3.00	<3.00	<3.01	ND	<3.02	NA	5
2-Nitroaniline	NA	ND	<4.00	<4.00	<4.01	ND	<4.02	NA	5
4-Nitroaniline	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	5
Nitrobenzene	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	0.4
N-Nitrosodiphenylamine	NA	ND	<5.00	<5.00	<5.00	ND	<5.00	NA	50
N-Nitrosodi-n-propylamine	NA	ND	<5.00	<5.00	<5.00	ND	<5.00	NA	NS
Phenanthrene	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	50
Pyrene	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	50
1,2,4-Trichlorobenzene	NA	ND	<3.00	<3.00	<3.00	ND	<3.00	NA	NS
Pesticides (µg/kg)									
4,4-DDD	NA	ND	<0.05	<0.05	<0.05	ND	<0.05	NA	0.3
a BHC	NA	ND	<0.05	<0.05	<0.05	ND	<0.05	NA	NS
Alachlor	NA	ND	<0.05	<0.05	<0.05	ND	<0.05	NA	0.5
Aldrin	NA	ND	<0.05	<0.05	<0.05	ND	<0.05	NA	NS
b BHC	NA	ND	<0.05	<0.05	<0.05	ND	<0.05	NA	NS
Chlordane	NA	ND	<0.05	<0.05	<0.05	ND	<0.05	NA	0.05
Chlordane (technical)	NA	ND	<0.50	<0.50	<0.50	ND	<0.50	NA	NS
d BHC	NA	ND	<0.05	<0.05	<0.05	ND	<0.05	NA	NS
Dieldrin	NA	ND	<0.05	<0.05	<0.05	ND	<0.05	NA	0.004
Endosulfan I	NA	ND	<0.05	<0.05	<0.05	ND	<0.05	NA	NS
Endosulfan II	NA	ND	<0.05	<0.05	<0.05	ND	<0.05	NA	NS
Endosulfan Sulfate	NA	ND	<0.05	<0.05	<0.05	ND	<0.05	NA	NS
Endrin	NA	ND	<0.05	<0.05	<0.05	ND	<0.05	NA	NS
Endrin Aldehyde	NA	ND	<0.05	<0.05	<0.05	ND	<0.05	NA	5
Endrin Ketone	NA	ND	<0.05	<0.05	<0.05	ND	<0.05	NA	5
Heptachlor	NA	ND	<0.05	<0.05	<0.05	ND	<0.05	NA	0.04
Heptachlor Epoxide	NA	ND	<0.05	<0.05	<0.05	ND	<0.05	NA	0.03
Lindane	NA	ND	<0.05	<0.05	<0.05	ND	<0.05	NA	NS
Methoxychlor	NA	ND	<0.05	<0.05	<0.05	ND	<0.05	NA	35
p,p-DDE	NA	ND	<0.05	<0.05	<0.05	ND	<0.05	NA	0.2
p,p-DDT	NA	ND	<0.05	<0.05	<0.05	ND	<0.05	NA	0.2
Toxaphene	NA	ND	<2.50	<2.50	<2.50	ND	<2.50	NA	NS

Table 3 (Cont.)
Groundwater Samples Organic Analytical Results
490-504 Myrtle Avenue, Brooklyn, New York

Sample Identification	MW-1	MW-1A	MW-1	MW-1A	MW-2	Field Blank	Field Blank	Trip Blank	GQS
PCBs (µg/kg)									
Aroclor 1016	NA	ND	<1.00	<1.00	<1.00	ND	<1.00	NA	0.09
Aroclor 1221	NA	ND	<1.00	<1.00	<1.00	ND	<1.00	NA	0.09
Aroclor 1232	NA	ND	<1.00	<1.00	<1.00	ND	<1.00	NA	0.09
Aroclor 1242	NA	ND	<0.500	<0.500	<0.500	ND	<0.500	NA	0.09
Aroclor 1248	NA	ND	<1.00	<1.00	<1.00	ND	<1.00	NA	0.09
Aroclor 1254	NA	ND	<1.00	<1.00	<1.00	ND	<1.00	NA	0.09
Aroclor 1260	NA	ND	<0.400	<0.400	<0.400	ND	<0.400	NA	0.09

NS=this indicates that no regulatory standard has been established for this analyte
NA=this indicates data is not available for this analyte
Grey shaded cell represent a concentration exceeding the GQS

Table 3 (Cont.)
Groundwater Samples Inorganic Analytical Results
490-504 Myrtle Avenue, Brooklyn, New York

Sample Identification	MW-1A	MW-1	MW-1A	MW-2	Field Blank	Field Blank	NYSDEC TOGS 1.1.1 Groundwater Quality Standard
Sample Date	9/14/2012	11/19/2012	11/19/2012	11/19/2012	9/14/2012	11/19/2012	
Sample Matrix	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	
Units	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Metals, Target Analyte, Total							
Aluminum	**64.2**	**24.3**	**0.315**	**0.362**	**0.022**	<0.040	NS
Antimony	NA	<0.040	<0.040	<0.040	NA	<0.040	0.003
Arsenic	**0.019**	<0.040	<0.040	<0.040	ND	<0.040	0.025
Barium	**1.06**	**0.415**	**0.154**	**0.125**	ND	<0.004	1
Beryllium	**0.003**	<0.004	<0.004	<0.004	ND	<0.004	0.003
Cadmium	ND	<0.020	<0.020	<0.020	ND	<0.020	0.005
Calcium	**129**	**153**	**99**	**91.3**	**0.048**	**0.048**	NS
Chromium Hexavalent	NA	<0.050	<0.050	<0.050	NA	<0.050	0.05
Chromium	**0.491**	**0.064**	**0.108**	**0.136**	ND	<0.020	0.05
Chromium Trivalent	NA	**0.064**	**0.106**	**0.134**	NA	<0.050	NS
Cobalt	**0.114**	**0.044**	<0.050	<0.008	ND	<0.008	NS
Copper	**0.295**	**0.129**	<0.004	<0.004	ND	<0.004	0.2
Iron	**142**	**40.1**	**1.11**	**1.31**	ND	**0.0052**	0.3
Lead	**0.114**	**0.118**	<0.040	<0.040	ND	<0.040	0.025
Magnesium	**92**	**56.4**	**30.1**	**26.8**	ND	<0.040	35
Manganese	**5.45**	**2.13**	**0.033**	**0.097**	ND	<0.004	0.30
Mercury	ND	<0.30	<0.30	<0.30	ND	<0.30	0.0007
Nickel	**0.695**	**0.159**	**0.054**	**0.071**	ND	<0.010	0.1
Potassium	**22**	**11.8**	**4.15**	**5.74**	ND	<0.040	NS
Selenium	NA	<0.020	<0.020	<0.020	NA	<0.020	0.01
Silver	NA	<0.020	<0.020	<0.020	NA	<0.020	0.05
Sodium	**49.3**	**57.2**	**23.2**	**49.9**	**0.3**	**0.105**	20
Thallium	**NA**	<0.040	<0.040	<0.040	NA	<0.040	0.0005
Vanadium	**0.176**	**0.078**	<0.004	<0.004	ND	<0.004	NS
Zinc	**0.41**	**0.596**	<0.020	<0.020	ND	**0.02**	5

Table 3 (Cont.)
Groundwater Samples Inorganic Analytical Results
490-504 Myrtle Avenue, Brooklyn, New York

Sample Identification	MW-1A	MW-1	MW-1A	MW-2	Field Blank	Field Blank	GQS
Metals, Target Analyte, Dissolved							
Aluminum	**2.75**	0.312	<0.040	0.048	ND	<0.040	NS
Antimony	NA	<0.040	<0.040	<0.040	NA	<0.040	0.003
Arsenic	ND	<0.040	<0.040	<0.040	ND	<0.040	0.025
Barium	**0.167**	0.171	0.139	0.109	ND	<0.004	1
Beryllium	ND	<0.004	<0.0040	<0.004	ND	<0.004	0.003
Cadmium	ND	<0.020	<0.020	<0.020	ND	<0.020	0.005
Calcium	**83.9**	**134**	**95**	**87.8**	**0.01**	**0.081**	NS
Chromium	**0.016**	<0.020	<0.020	<0.020	ND	<0.020	0.05
Cobalt	**0.002**	<0.008	<0.008	<0.008	ND	<0.008	NS
Copper	ND	<0.004	<0.004	<0.004	ND	<0.004	0.2
Iron	**3.6**	**0.547**	**0.116**	**0.351**	ND	**0.07**	0.3
Lead	**0.004**	<0.040	<0.040	<0.040	ND	0.061	0.025
Magnesium	**27.7**	39.8	28.5	25.4	ND	<0.040	35
Manganese	**0.161**	0.496	0.018	0.075	ND	<0.004	0.30
Mercury	ND	<0.30	<0.30	<0.30	ND	<0.30	0.0007
Potassium	**6**	5.39	4.18	5.66	**0.4**	<0.040	NS
Selenium	NA	<0.020	<0.020	<0.020	NA	<0.020	0.01
Silver	NA	<0.020	<0.020	<0.020	NA	<0.020	0.05
Sodium	**44.2**	58.2	25.2	60	**0.14**	**0.266**	20
Thallium	NA	<0.040	<0.040	<0.040	NA	<0.040	0.0005
Vanadium	**0.005**	<0.004	<0.004	<0.004	ND	<0.004	NS
Zinc	**0.001**	0.037	0.032	<0.020	ND	<0.020	5

NS…No Standard
ND…not detected

Table 4
Soil Vapor Analytical Results
490-504 Myrtle Avenue, Brooklyn, New York

SampleID	SSAS	SSV-1	SSV-2	SSV-3	SV-4	SV-5	SV-6	SV-7	SV-8	SV-9	SV-10	IA_a-1	AI-1	AI-2	OA-a-1	AO-1
Sampling Date	10/21/2010	9/21/2011	9/21/2011	9/21/2011	11/17/2012	11/17/2012	11/17/2012	11/17/2012	11/17/2012	11/17/2012	11/17/2012	9/21/2011	11/17/2012	11/17/2012	9/21/2011	11/17/2012
ClientMatrix	sub slab vapor	sub slab vapor	sub slab vapor	sub slab vapor	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor	Indoor Ambient Air	Indoor Ambient Air	Indoor Ambient Air	Indoor Ambient Air	Outdoor Ambient Air
Units	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	g/m³	g/m³	ug/m³	g/m³
Volatile Organics, EPA TO15 List (ug/m³)																
1,1,1-Trichloroethane	ND	ND	ND	ND	<1.6	<1.9	<2.7	<1.9	<1.8	<1.7	<<1.7	ND	<0.13	<0.067	ND	<0.067
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	<2.8	<3.1	<4.4	<3.2	<3.0	<2.9	<2.8	ND	<0.22	<0.11	ND	<0.11
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ND	ND	ND	<0.90	<1.0	<1.4	<1.0	<0.98	<0.95	0.93	**1.95**	<0.073	**1.1 D**	ND	<0.036
1,1,2-Trichloroethane	ND	ND	ND	ND	<2.3	<2.6	<3.7	<2.7	<2.5	<2.4	2.4	ND	<0.18	<0.092	ND	<0.092
1,1-Dichloroethane	ND	ND	ND	ND	<0.8<1	<0.92	<1.3	<0.95	<0.89	<0.86	0.84	ND	<0.066	<0.033	ND	<0.033
1,1-Dichloroethylene	ND	ND	ND	ND	<1.0	<1.1	<1.6	<1.2	<1.1	<1.0	<1.0	ND	<0.081	<0.040	ND	<0.040
1,2,4-Trichlorobenzene	**0.59**	ND	ND	ND	<2.7	<3.1	<4.4	<3.2	<3.0	<2.9	<2.8	ND	<0.22	<0.11	ND	<0.11
1,2,4-Trimethylbenzene	**2.9**	ND	ND	ND	**0.99 J**	**1.1 J**	**80 D**	**1.1 J**	**1.1 J**	**48 D**	**1 J**	ND	**0.08 J**	**7.2 D**	**2.94**	**0.04 J**
1,2-Dibromoethane	ND	ND	ND	ND	<13	<15	21	<15	<14	<14	<13	ND	<1.0	<0.52	ND	<0.52
1,2-Dichlorobenzene	ND	ND	ND	ND	<2.5	<2.9	<4.1	<2.9	2.8	<2.6	<2.6	ND	<0.20	<0.10	ND	<0.10
1,2-Dichloroethane	ND	ND	ND	ND	<1.6	<1.8	<2.6	<1.9	<1.8	<1.7	<1.7	ND	<0.13	<0.066	ND	<0.066
1,2-Dichloropropane	ND	ND	ND	ND	<1.7	<1.9	<2.7	<2.0	<1.9	<1.8	<1.8	ND	0.14	<0.069	ND	<0.069
1,2-Dichlorotetrafluoroethane	ND	ND	ND	ND	<2.0	<2.3	<3.2	<2.3	<2.2	<2.1	2.1	ND	0.16	<0.081	ND	<0.081
1,3,5-Trimethylbenzene	**0.84**	ND	ND	ND	**1.1 J**	**1.2 J**	**32 D**	**1.2 J**	**1.2 J**	**19 D**	**1.1 J**	ND	**1.3 D**	**2.5 D**	**0.998**	**0.043** J
1,3-Butadiene	ND	ND	ND	ND	<1.1	<1.2	<1.8	<1.3	<1.2	<1.1	<1.1	ND	<0.088	<0.044	ND	<0.044
1,3-Dichlorobenzene	ND	ND	ND	ND	<<1.8	<2.1	<2.9	<2.1	<2.0	<1.9	<1.9	ND	<0.15	<0.073	ND	<0.073
1,4-Dichlorobenzene	**0.54**	ND	ND	ND	<2.2	<2.5	<3.6	<2.6	<2.4	<2.3	<2.3	ND	<0.18	**3.1 D**	**19.2**	<0.090
1,4-Dioxane	ND	ND	ND	ND	<5.4	<6.2	<8.8	<6.3	<5.9	<5.7	<5.6	ND	<0.44	<0.22	ND	<0.22
2-Butanone	**20.8**	**13**	**23.9**	**17.6**	<2.0	<2.2	<3.2	<2.3	<2.2	<2.1	<2.0	**10**	**6.8 D**	**19 D**	ND	**6.6 D**
2-Hexanone	ND	ND	ND	ND	<3.8	<4.3	<6.1	<4.4	<4.1	<4.0	<3.9	ND	<0.31	<0.15	ND	<0.15
2,2,4-Tirmethylpentane	**1.07**	ND	**101**	ND	NA	NA	NA	NA	NA	NA	NA	**1.84**	NA	NA	ND	NA
4-EthylToluene	**0.79**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4-Methyl-2-pentanone	**2.13**	ND	ND	ND	<2.5	<2.8	<4.0	<2.9	<2.7	<2.6	<2.5	ND	<0.20	1.1 D	ND	<0.10
Acetone	**161**	**75.1**	ND	**97.9**	**39 D**	**48 D**	**47 D**	**190 D**	**550 D**	**220 D**	**4300 D,E**	**77.2**	**40 D**	**78 D,E**	**10**	**12 D**
Benzene	**12.1**	ND	ND	ND	**8.6 D**	**10 D**	**36 D**	**11 D**	**11 D**	**12 D**	**<11 D**	**2.61**	**2.4 D**	**3.9 D**	ND	**1.4 D**
Benzyl chloride	ND	ND	ND	ND	<1.0	<1.2	<1.7	<1.2	<1.1	<1.1	<1.1	ND	<0.084	<0.042	ND	<0.042
Bromodichloromethane	ND	ND	ND	ND	<2.5	<2.8	<4.0	<2.9	<2.7	<2.6	<2.6	ND	<0.20	<0.10	ND	<0.10
Bromoform	ND	ND	ND	ND	<3.1	<3.5	5.0	<3.6	<3.4	<3.3	3.2	ND	<0.25	<0.13	ND	<0.13
Bromomethane	ND	ND	ND	ND	<0.78	<0.88	<1.3	<0.91	<0.85	<0.82	<0.80	ND	<0.063	<0.032	ND	<0.032
Carbon disulfide	**10.9**	ND	ND	ND	**18 D**	<0.71	**18 D**	<0.73	<0.68	**12 D**	<.64	ND	**10 D**	**2.9 D**	ND	**3.1 D**
Carbon tetrachloride	**0.31**	ND	ND	ND	<1.3	<1.4	<2.0	<1.5	<1.4	<1.3	<1.3	ND	0.1	<0.051	ND	<0.051
Chlorobenzene	ND	ND	ND	ND	<1.4	<1.6	<2.2	<1.6	<1.5	<1.5	<1.4	ND	0.11	<0.056	ND	<0.056
Chloroethane	**0.34**	ND	ND	ND	<0.53	<0.60	<0.85	0.62	<0.58	<0.56	<0.55	ND	<0.043	<0.021	ND	<0.021
Chloroform	**2.59**	**32.5**	ND	**93.8**	**120 D**	**59 D**	**26 D**	<1.4	**32 D**	**390 D**	**35 D**	**9.57**	**3.9 D**	**2.1 D**	ND	**0.43 D**
Chloromethane	**0.54**	900	ND	ND	<1.0	<1.2	<1.7	<1.2	<1.1	<1.1	<1.1	**2.11**	**1.2 D**	**1.8 D**	**0.979**	**1.1 D**
cis-1,2-Dichloroethylene	ND	ND	ND	ND	<1.1	<1.3	<1.8	<1.3	<1.2	<1.2	<1.2	ND	**1.1 D**	<0.046	ND	<0.046
cis-1,3-Dichloropropylene	ND	ND	ND	ND	<1.9	<2.2	<3.1	2.2	2.1	<2.0	<2.0	ND	<0.15	<0.077	ND	<0.077
Cyclohexane	**0.65**	ND	ND	ND	<0.69	7.2 D	<1.1	0.80	0.76	<0.73	<0.71	ND	**<1.2 D**	**0.61 D**	ND	**0.42 D**
Dibromochloromethane	ND	ND	ND	ND	<13	<15	<22	<16	<<15	<14	<14	ND	<1.1	<0.54	ND	<0.54
Dichlorodifluoromethane	**1.14**	**5.19**	ND	ND	2.1	<2.3	<3.3	2.4	2.3	<2.2	2.1	**4.42**	**3.0 D**	<0.084	**2.28**	**2.5 D**
Ethanol	ND	ND	ND	**127**	NA	NA	NA	NA	NA	NA	NA	**895**	NA	NA	**14.2**	NA
Ethyl acetate	ND	ND	ND	ND	<1.5	<1.7	<2.4	<1.8	**<1.6**	<1.6	<1.6	**47.6**	0.12	5.5 D	ND	<0.061
Ethyl Benzene	**2.43**	ND	ND	ND	**18 D**	**18 D**	**73 D**	**15 D**	**21 D**	**37 D**	**24 D**	**1.19**	**3.0 D**	**1.5 D**	ND	**0.68 D**
Hexachlorobutadiene	ND	ND	ND	ND	3.2	<3.6	<5.2	<3.7	<3.5	<3.4	<3.3	ND	<0.26	**<0.13**	ND	<0.13
Isopropanol	ND	**7.25**	ND	**41.3**	<1.4	<1.6	<2.3	<1.7	<1.6	<1.5	<1.5	**132**	<0.12	**13 D**	**1.74**	<0.058
Methylene Chrloride	**0.76**	ND	ND	ND	9.9 D	15 D	16 D	12 D	11 D	12 D	12 D	**10**	4.4 D	2.1 D	ND	1.4 D
Methyl Methacrylate	ND	ND	ND	ND	<6.8	<7.8	<11	<8.0	<7.5	<7.2	<7.1	**10.3**	<0.55	<0.28	ND	<0.28
Methyl tert-butyl ether (MTBE)	ND	ND	ND	ND	<0.72	<0.82	<1.2	<0.84	<0.79	<0.76	<0.75	ND	<0.059	<0.029	ND	<0.029
n-Heptane	**3.77**	**6.23**	**6.54**	ND	**8.9 D**	**10 D**	**43 D**	**9.6 D**	**9.8 D**	**12 D**	**12 D**	**1.7**	**1.9 D**	**1.4 D**	ND	**0.67 D**
n-Hexane	**5.5**	ND	ND	ND	<0.71	<0.80	**43 D**	<0.82	<0.77	<0.75	<0.73	**2.17**	2.9 D	**1.5 D**	ND	**0.93 D**
o-Xylene	ND	ND	ND	ND	**22 D**	<21	**79 D**	**16 D**	**25 D**	**43 D**	**22 D**	**1.32**	**2.9 D**	**2.3 D**	ND	**1 D**
p- & m- Xylenes	**5.21**	ND	ND	ND	**67 D**	<63	**260 D**	**48 D**	**72 D**	**130 D**	**67 D**	**21.1**	**7.4 D**	**4.9 D**	**3.88**	**2.0 D**
p-Ethyltoluene	**2**	ND	ND	ND	**1.5 J**	**1.7 J**	**86 D**	**1.7 J**	**1.6 J**	**47 D**	**1.5 J**	ND	**0.12 J**	**6.2 D**	ND	**0.06 J**
Propylene	ND	ND	ND	ND	<1.3	<1.5	2.1	<1.5	<1.4	<1.4	<<1.4	**88.8**	<0.11	<0.054	**0.95**	<0.054
Styrene	**2.17**	ND	ND	ND	<1.3	<1.5	2.1	<1.5	<1.4	<1.4	<1.3	**2**	<0.1	**1.3 D**	ND	<0.052
Tetrachloroethylene	**69.8**	**258**	**12,800**	**3330**	**4200 D,E**	**4200 D,E**	**1700 D**	**240 D**	**4200 D,E**	**5000 D**	**840 D**	**13.4**	**130 D**	**5.0 D**	ND	**1.5 D**
Tetrahydrofuran	ND	ND	ND	ND	<1.2	<1.4	<2.0	<1.4	<1.3	<1.3	<1.3	**2.68**	**4.1 D**	**21 D**	ND	**2.2 D**

Table 4 (Cont.)
Soil Vapor Analytical Results
490-504 Myrtle Avenue, Brooklyn, New York

SampleID	SSAS	SSV-1	SSV-2	SSV-3	SV-4	SV-5	SV-6	SV-7	SV-8	SV-9	SV-10	IA-1	AI-1	AI-2	OA-1	AO-1
Volatile Organics, EPA TO15 List (ug/m³)																
Toluene	**21.7**	ND	**59.5**	**8.33**	**32 D**	**31 D**	**230** D	**36 D**	**34 D**	**60 D**	**36 D**	**1.61**	**9.6 D**	**7.5 D**	**2.38**	**2.0 D**
trans-1,2-Dichloroethylene	**3.37**	ND	ND	ND	<0.80	<0.90	<1.3	<0.93	<0.87	<0.84	<0.82	ND	<0.065	<0.032	ND	<0.032
trans-1,3-Dichloropropylene	ND	ND	ND	ND	<1.4	<1.6	<2.2	<1.6	<1.5	<1.4	<1.4	ND	<0.11	<0.055	ND	<0.055
Trichloroethylene	**0.59**	ND	**136**	**39**	**13 D**	**16 D**	**29 D**	**8.4 D**	**66 D**	**180 D**	**19 D**	ND	**9.8 D**	**0.40 D**	ND	**0.33 D**
Trichlorofluoromethane (Freon 11)	**2.92**	ND	ND	ND	<0.56	<0.64	<0.91	<0.66	<0.62	<0.59	<0.58	**2.62**	**2.5 D**	**<1.9 D**	**1.23**	**1.6 D**
Vinyl acetate	ND	**5.28**	ND	ND	<0.88	<1.0	<1.4	<1.0	<0.97	<0.93	<0.91	**4.79**	<0.072	<0.036	ND	<0.036
Vinyl Chloride	ND	ND	ND	ND	<1.0	<1.2	<1.7	<1.2	<1.1	<1.1	<1.1	ND	<0.083	<0.042	ND	<0.042
Vinyl Bromide	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	NA

U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
D=result is from an analysis that required a dilution
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
NA-Not Applicabble

APPENDICES

APPENDIX-A
PREVIOUS ENVIRONMENTAL AND GEOTECHNICAL REPORTS
(CD-ROM)

APPENDIX-B
PHOTOGRAPHS

Installation of Soil Probes, Groundwater Probes and Soil Vapor Implants

APPENDIX-C
GPR SUMMARY REPORT (CD-ROM)

APPENDIX-D
SOIL BORING LOGS

Hydro Tech Environmental, Corp.

Main Office
77 Arkay Street, Suite G
Hauppauge, New York 11788
T (631) 462-5866 · F (631) 462-5877

NYC Office
15 Ocean Avenue, 2nd Floor
Brooklyn, New York 11225
T (718) 636-0800 · F (718) 636-0900

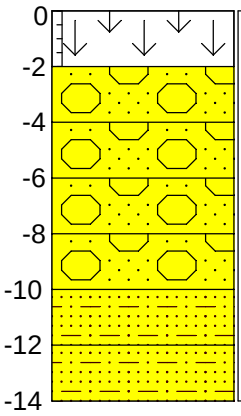
www.hydrotechenvironmental.com

Soil Probe Log

Job No:	120232	Date: 11/16/2012	Page: 1 of 1
Location:	504 Myrtle Avenue Brooklyn, New York	Sampling Interval:	2 Feet
		Sampling Method:	Geoprobe
Boring No.:	SP-5	Driller:	Efrain H.
Drilling Method:	Direct Push	Depth to Water:	49.1 to 49.9 feet
Total Depth:	6 Feet		

USCS SYMBOLS

GW - Well Graded Gravel
GP - Poorly Graded Gravel
GM - Silty Gravel
GC - Clayey Gravel
SW - Well Graded Sand
SP - Poorly Graded Sand
SM - Silty Sand
SC - Clayey Sand
ML - Inorganic Silt / Sandy Silt
CL - Inorganic Clays/Sandy Clay
OL - Inorganic Silts/Organic Silty Clay
MH- Elastic Silts
CH - Inorganic Clay, High Plastic
OH - Organic Silt / Clay
PT - Peat/High Organics



Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
	0.1	SP	Concrete, brown medium grained sand with pebbles and fill material. No odor
	0.1	SP	Brown fine grained sand with pebbles. No odor
	0.1	SP	S.A.B.
	0.1	SP	S.A.B.
	0.1	SP	S.A.B.
	0.1	SP	Brown fine grained silty sand with pebbles. No odor
	0.1	SP	S.A.B.

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Soil Probe Log

Job No:	120232	Date: 11/16/2012	Page: 1 of 1
Location:	504 Myrtle Avenue Brooklyn, New York	Sampling Interval:	2 Feet
		Sampling Method:	Geoprobe
Boring No.:	SP-6	Driller:	Efrain H.
Drilling Method:	Direct Push	Depth to Water:	49.1 to 49.9 feet
Total Depth:	6 Feet		

USCS SYMBOLS

GW - Well Graded Gravel
GP - Poorly Graded Gravel
GM - Silty Gravel
GC - Clayey Gravel
SW - Well Graded Sand
SP - Poorly Graded Sand
SM - Silty Sand
SC - Clayey Sand
ML - Inorganic Silt / Sandy Silt
CL - Inorganic Clays/Sandy Clay
OL - Inorganic Silts/Organic Silty Clay
MH- Elastic Silts
CH - Inorganic Clay, High Plastic
OH - Organic Silt / Clay
PT - Peat/High Organics

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.1	SP	Concrete, brown fine grained sand with pebbles. No odor
-2	0.1	SP	S.A.B.
-4	0.1	SP	S.A.B.
-6			

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Hauppauge, New York 11788
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Soil Probe Log

Job No:	120232	Date: 11/15/2012	Page: 1 of 1
Location:	490 Myrtle Avenue Brooklyn, New York	Sampling Interval:	2 Feet
		Sampling Method:	Geoprobe
Boring No.:	SP-11	Driller:	Efrain H.
Drilling Method:	Direct Push	Depth to Water:	49.1 to 49.9 feet
Total Depth:	6 Feet		

USCS SYMBOLS

GW - Well Graded Gravel
GP - Poorly Graded Gravel
GM - Silty Gravel
GC - Clayey Gravel
SW - Well Graded Sand
SP - Poorly Graded Sand
SM - Silty Sand
SC - Clayey Sand
ML - Inorganic Silt / Sandy Silt
CL - Inorganic Clays/Sandy Clay
OL - Inorganic Silts/Organic Silty Clay
MH- Elastic Silts
CH - Inorganic Clay, High Plastic
OH - Organic Silt / Clay
PT - Peat/High Organics

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.1	SP	Concrete, brown fine/medium grained sand with pebbles. No odor
-2	0.1	SP	S.A.B.
-4	0.1	SP	S.A.B.
-6			

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Soil Probe Log

Job No:	120232	Date: 11/15/2012	Page: 1 of 1
Location:	490 Myrtle Avenue Brooklyn, New York	Sampling Interval:	2 Feet
		Sampling Method:	Geoprobe
Boring No.:	SP-12	Driller:	Efrain H.
Drilling Method:	Direct Push	Depth to Water:	49.1 to 49.9 feet
Total Depth:	6 Feet		

USCS SYMBOLS

GW - Well Graded Gravel
SW - Well Graded Sand
ML - Inorganic Silt / Sandy Silt
CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel
SP - Poorly Graded Sand
CL - Inorganic Clays/Sandy Clay
OH - Organic Silt / Clay
GM - Silty Gravel
SM - Silty Sand
OL - Inorganic Silts/Organic Silty Clay
PT - Peat/High Organics
GC - Clayey Gravel
SC - Clayey Sand
MH- Elastic Silts

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.1	SP	Concrete, brown medium/coarse grained sand with pebbles and fill material. No odor
-2	0.1	SP	Brown medium/coarse grained sand with pebbles. No odor
-4	0.1	SP	S.A.B.
-6			

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Soil Probe Log

Job No:	120232	Date: 11/15/2012	Page: 1 of 1
Location:	490 Myrtle Avenue Brooklyn, New York	Sampling Interval:	2 Feet
		Sampling Method:	Geoprobe
Boring No.:	SP-13	Driller:	Efrain H.
Drilling Method:	Direct Push	Depth to Water:	49.1 to 49.9 feet
Total Depth:	6 Feet		

USCS SYMBOLS

GW - Well Graded Gravel
GP - Poorly Graded Gravel
GM - Silty Gravel
GC - Clayey Gravel
SW - Well Graded Sand
SP - Poorly Graded Sand
SM - Silty Sand
SC - Clayey Sand
ML - Inorganic Silt / Sandy Silt
CL - Inorganic Clays/Sandy Clay
OL - Inorganic Silts/Organic Silty Clay
MH- Elastic Silts
CH - Inorganic Clay, High Plastic
OH - Organic Silt / Clay
PT - Peat/High Organics

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.1	SP	Concrete, brown medium grained sand with pebbles and fill material. No odor
-2	0.1	SP	S.A.B.
-4	0.1	SP	S.A.B.
-6			

Hydro Tech Environmental, Corp.

Main Office
77 Arkay Street, Suite G
Hauppauge, New York 11788
T (631) 462-5866 · F (631) 462-5877

NYC Office
15 Ocean Avenue, 2nd Floor
Brooklyn, New York 11225
T (718) 636-0800 · F (718) 636-0900

www.hydrotechenvironmental.com

Soil Probe Log

Job No:	120232	Date: 11/15/2012	Page: 1 of 1
Location:	490 Myrtle Avenue Brooklyn, New York	Sampling Interval:	2 Feet
		Sampling Method:	Geoprobe
Boring No.:	SP-14	Driller:	Efrain H.
Drilling Method:	Direct Push	Depth to Water:	49.1 to 49.9 feet
Total Depth:	6 Feet		

USCS SYMBOLS

GW - Well Graded Gravel
SW - Well Graded Sand
ML - Inorganic Silt / Sandy Silt
CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel
SP - Poorly Graded Sand
CL - Inorganic Clays/Sandy Clay
OH - Organic Silt / Clay
GM - Silty Gravel
SM - Silty Sand
OL - Inorganic Silts/Organic Silty Clay
PT - Peat/High Organics
GC - Clayey Gravel
SC - Clayey Sand
MH- Elastic Silts

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.1	SP	Concrete, brown medium grained sand with pebbles and fill material. No odor
-2	0.1	SP	S.A.B.
-4	0.1	SP	S.A.B.
-6			

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Soil Probe Log

Job No:	120232	Date: 11/15/2012	Page: 1 of 1
Location:	490 Myrtle Avenue Brooklyn, New York	Sampling Interval:	2 Feet
		Sampling Method:	Geoprobe
Boring No.:	SP-15	Driller:	Efrain H.
Drilling Method:	Direct Push	Depth to Water:	49.1 to 49.9 feet
Total Depth:	6 Feet		

USCS SYMBOLS

GW - Well Graded Gravel
GP - Poorly Graded Gravel
GM - Silty Gravel
GC - Clayey Gravel
SW - Well Graded Sand
SP - Poorly Graded Sand
SM - Silty Sand
SC - Clayey Sand
ML - Inorganic Silt / Sandy Silt
CL - Inorganic Clays/Sandy Clay
OL - Inorganic Silts/Organic Silty Clay
MH- Elastic Silts
CH - Inorganic Clay, High Plastic
OH - Organic Silt / Clay
PT - Peat/High Organics

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.1	SP	Concrete, brown medium grained sand with pebbles. No odor
-2	0.1	SP	Brown fine grained silty sand with pebbles. No odor
-4	0.1	SP	S.A.B.
-6			

APPENDIX-E
WELL PURGING AND SAMPLING LOG

Hydro Tech Environmental, Corp.

Project 490-504 Myrtle Avenue **Well No.** MW-1 **Date** 11/19/02012
Well Depth 60' **Screen Length** _____ **Well Diameter** 2" **Casing Type**
Sampling Device Horiba-22 **Tubing type** PVC **Water Level** 46.90 feet
Measuring Point 1 **Other Infor** _____

Sampling Personnel Alvin - Sylvetsre

Time	pH	Temp (ºF)	Cond. (S/Cm)	Dis.O2 (mg/L)	Turb.(NTU)	ORP (mV)	Notes
2:15 PM	6.80	58.7	77.500	5.950	121	88	
2:20 PM	6.77	58.8	76.200	6.67	80	85	
2:25 PM	6.75	58.8	75.100	6.68	39	70	
2:30 PM	6.75	58.8	75.200	6.7	39	70	
							10 gallons bailed

Hydro Tech Environmental, Corp.

Project 490-504 Myrtle Avenue **Well No.** MW-1A **Date** 11/19/02012
Well Depth 57' **Screen Length** _____ **Well Diameter** 2" **Casing Type**
Sampling Device Horiba-22 **Tubing type** PVC **Water Level** 49.90 feet
Measuring Point 1 **Other Infor** _____

Sampling Personnel Alvin - Sylvetsre

Time	pH	Temp (ºF)	Cond. (S/Cm)	Dis.O2 (mg/L)	Turb.(NTU)	ORP (mV)	Notes
1:35 PM	6.45	59.3	71.600	5.930	183	77	
1:40 PM	6.59	59.3	72.700	6.33	184	61	
1:45 PM	6.57	59.3	72.300	6.34	31	63	
1:50 PM	6.57	42.7	72.500	6.32	31	63	
							10 gallons bailed

Hydro Tech Environmental, Corp.

Project 490-504 Myrtle Avenue **Well No.** MW-2 **Date** 11/19/02012
Well Depth 60' **Screen Length** _____ **Well Diameter** 2" **Casing Type**
Sampling Device Horiba-22 **Tubing type** PVC **Water Level** 49.10 feet
Measuring Point 1 **Other Infor** _____

Sampling Personnel Alvin - Sylvetsre

Time	pH	Temp (ºF)	Cond. (S/Cm)	Dis.O2 (mg/L)	Turb.(NTU)	ORP (mV)	Notes
1:00 PM	6.49	59.2	75.500	6.390	88	78	
1:05 PM	6.63	59.0	76.500	6.3	48	61	
1:10 PM	6.65	59.0	76.400	6.23	45	62	
1:15 PM	6.67	59.0	76.100	6.24	45	60	
							10 gallons bailed

APPENDIX-F
SOIL VAPOR SAMPLING LOG

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab:

ALPHA Job #: L1115166

Client Information

Client: Associated Env. Services
Address: 25 Central Ave
Hauppauge, NY 11788
Phone: 631 234-4280
Fax: 631 234-4297
Email: greg@assocenvsvcs.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name:
Project Location: 484-502A Myrtle Ave, Bklyn
Project #:
Project Manager: Greg Ernst
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☒ ADEx
Criteria Checker: NY
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:

Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria
NY	DOH	

Other Project Specific Requirements/Comments:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Comments (i.e. PID)
L1115166-1	SSV-1	9/21/11	10:17	6:21	30.31	6.18	SV	GE	2.7	337	0082		X						6.0 PPM PID
-2	SSV-2		10:04	6:05	30.31	4.06	SV	GE	2.7	548	0126		X						13.0 PPM PID
-3	SSV-3		9:58	5:59	28.91	3.31	SV	GE	2.7	206	0350		X						2.7 PPM PID
-4	IA-1		10:29	6:25	30.13	3.04	AA	GE	2.7	1748	0433		X						0.9 PPM PID
-5	OA-1		10:25	6:23	30.24	0.97	AA	GE	2.7	1744	0246		X						0.7 PPM PID

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
	9/22/11 10:50		9/22/11 10:50
	9/22/11 1800		9/22/11 1800
	9/22/11		9/22/11 700
	9/23/11 830		9/23/11 0830

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record - AIR

12K0548

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. ~~120234~~

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: Hydrotech Environmental	Company:	Company:	490-504 Myrtle Ave BK, NY	Rush 48 hr ✓	Summary Report
Address: 77 Arkay drive Hauppauge NY 11788	Address: SAME	Address: SAME		RUSH - Same Day ☐	Summary w/ QA Summary
Phone No. 631-462-5866	Phone No.	Phone No.		RUSH - Next Day ☐	CT RCP Package
Contact Person: Paul Matli	Attention: Paul Matli	Attention: Muslima Ward	Purchase Order No. 5421	RUSH - Two Day ☐	NY ASP A Package
E-Mail Address: pmatli@hydrotech environmental	E-Mail Address: pmatli@hydrotech environmental	E-Mail Address: mward@hydrotech environmental	Samples from: CT___ NY✓ NJ___	RUSH - Three Day ☐	NY ASP B/CLP Pkg
				RUSH - Four Day ☐	NJDEP Reduced
				Standard(5-7 Days) ☐	*Electronic Deliverables:* EDD (Specify Type)
					Standard Excel ✓
					Regulatory Comparison Excel

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature): [signature]

Name (printed): Alvin Chau

Air Matrix Codes

- AI - INDOOR Ambient Air
- AO- OUTDOOR Amb. Air
- AE- Vapor Extraction Well/ Process Gas/Effluent
- AS- SOIL Vapor/Sub-Slab

TO15 Volatiles and Other Gas Analyses

EPA TO-15 List	EPA TO-14A List
NYSDEC VI list	Tentatively Identified Compounds
NYSDEC STARS List	Air VPH
Project Specific List by TO-15	Helium
NJDEP Target List	Methane
CTDEP RCP Target List	OTHER_____

Detection Limits Required

- ≤ 1 ug/m³ ____
- NYSDEC VI Limits ____ (VI = vapor intrusion)
- NJDEP low level ____
- Routine Survey ____
- Other <0.5 ug/m³

Special Instructions

Rush turn around time 48 hrs from pick-up

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum Afer Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
SV-4	11/17	AS	-28	0	EPA TO-15	6 Liter Summa canister ✓ Tedlar Bag___
SV-5	↓	↓	-29	-4	↓	6 Liter Summa canister ✓ Tedlar Bag___
SV-6	↓	↓	-30	-20	↓	6 Liter Summa canister ✓ Tedlar Bag___
SV-7	↓	↓	-30	-4	↓	6 Liter Summa canister ✓ Tedlar Bag___
SV-8	↓	↓	-30	-30	↓	6 Liter Summa canister ✓ Tedlar Bag___
SV-9	↓	↓	-30	-5	↓	6 Liter Summa canister ✓ Tedlar Bag___
SV-10	↓	↓	-30	-4	↓	6 Liter Summa canister ✓ Tedlar Bag___
AI-1	↓	AI	-30	-5	↓	6 Liter Summa canister ✓ Tedlar Bag___
AI-2	↓	AI	-30	-10	↓	6 Liter Summa canister ✓ Tedlar Bag___
AO-1	↓	AO	-30	-2	↓	6 Liter Summa canister ✓ Tedlar Bag___

Comments: Report in Excel, PDF and EDD
Compare data w/ NYSDOH Indoor air quality

Samples Relinquished By: [signature]	Date/Time: 11-19-12 11-19-12	Samples Received By: K Baker	Date/Time: 11-19-12 1140 AM
Samples Relinquished By:	Date/Time:	Samples Received in LAB by: [signature]	Date/Time: 11/19/12 - 1800

APPENDIX-G
LABORATORY DATA DELIVERABLES FOR SOIL ANALYTICAL DATA

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

B3967.

CHEMTECH PROJECT NO.
QUOTE NO.
COC Number 082311

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: Warren Panzer
ADDRESS: 228 E 45th St
CITY: New York STATE: NY ZIP: 10017
ATTENTION: Bryan Shaw
PHONE: (212) 922 0078 FAX: 212 922 0630

CLIENT PROJECT INFORMATION

PROJECT NAME: 1661.01.02
PROJECT NO. 1661.01 LOCATION: Brooklyn
PROJECT MANAGER: Bryan Shaw
e-mail: bshaw@warrenpanzer.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Same as client info PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: DAYS *
HARD COPY: 1 DAY DAYS *
EDD: DAYS *
PREAPPROVED TAT: ☐ YES ☐ NO
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☒ EDD FORMAT

ANALYSIS

1 VOC's - TCL
2 SVOC's - TCL - BNA
3 Pest/PCB's
4 Metals - TAL
5 RCRA/TCLP
6 TO-15
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1 (E/A)	2 (E)	3 (E)	4 (E)	5 (E)	6 (N/A)	7	8	9	COMMENTS
1.	SB-1	Soil		X	10/21/10	1130	2	X	X	X	X						
2.	SB-2	"		X	↓	1015	2	↓	↓	↓	↓						
3.	SB-3	"		X	↓	1155	2	↓	↓	↓	↓						
4.	SB-4	"		X	↓	1235	2	↓	↓	↓	↓						
5.	Disposal	"	X		↓	1245	1					X					
6.	Trip	H_2O		X	10/13/10	1635	2	X									
7.		~~Air~~		~~X~~	~~10/21/10~~	~~N/A~~	~~1~~						~~X~~				
8.																	
9.																	
10.																	

← Specify Preservatives
A – HCl B – HNO_3
C – H_2SO_4 D – NaOH
E – ICE F – Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	10/21/10 1520	1.
RELINQUISHED BY: 2.	DATE/TIME:	RECEIVED BY: 2.
RELINQUISHED BY: 3.	DATE/TIME: 10/21/10 15:20	RECEIVED FOR LAB BY: 3. [signature]

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant Cooler Temp.
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:
Ice in Cooler?:

Page ____ of ____

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☐ YES ☐ NO

Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	Mercury	Lab Sample ID :	B3967-01
SDG ID :	B3967	Customer Sample No. :	SB-1
% Moisture :	9.300003	Analytical Method :	EPA SW-846 7471 - HG
DataFile :	LB52195.PRN	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
7439-97-6	Mercury	1.1	D	mg/Kg	0.010	0.055	5	

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	Metals ICP-TAL	Lab Sample ID :	B3967-01
SDG ID :	B3967	Customer Sample No. :	SB-1
% Moisture :	9.300003	Analytical Method :	EPA SW-846 6010 - ICP4
DataFile :	LB52194.txt	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
7429-90-5	Aluminum	4440		mg/Kg	0.62	3.680	1	
7440-36-0	Antimony	3.160		mg/Kg	0.41	1.840	1	
7440-38-2	Arsenic	10.6		mg/Kg	0.24	0.74	1	
7440-39-3	Barium	118		mg/Kg	0.29	3.680	1	
7440-41-7	Beryllium	1.000		mg/Kg	0.04	0.22	1	
7440-43-9	Cadmium	0.55		mg/Kg	0.04	0.22	1	
7440-70-2	Calcium	19700		mg/Kg	0.79	73.5	1	
7440-47-3	Chromium	48.6		mg/Kg	0.10	0.37	1	
7440-48-4	Cobalt	7.450		mg/Kg	0.42	1.100	1	
7440-50-8	Copper	132		mg/Kg	0.24	0.74	1	
7439-89-6	Iron	78600		mg/Kg	0.98	3.680	1	
7439-92-1	Lead	196		mg/Kg	0.09	0.44	1	
7439-95-4	Magnesium	2570		mg/Kg	3.370	73.5	1	
7439-96-5	Manganese	579		mg/Kg	0.14	0.74	1	
7440-02-0	Nickel	38.2		mg/Kg	0.34	1.470	1	
7440-09-7	Potassium	1290		mg/Kg	2.570	73.5	1	
7782-49-2	Selenium	3.720		mg/Kg	0.30	0.74	1	
7440-22-4	Silver	1.740		mg/Kg	0.11	0.37	1	
7440-23-5	Sodium	462		mg/Kg	1.850	73.5	1	
7440-28-0	Thallium	ND	U	mg/Kg	0.20	1.470	1	
7440-62-2	Vanadium	29.5		mg/Kg	0.43	1.470	1	
7440-66-6	Zinc	138		mg/Kg	0.51	1.470	1	

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	PCB	Lab Sample ID :	B3967-01
SDG ID :	B3967	Customer Sample No. :	SB-1
% Moisture :	9	Analytical Method :	EPA SW-846 8082
DataFile :	P6043271.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	U	ug/Kg	3.8	19	1	
11104-28-2	Aroclor-1221	ND	U	ug/Kg	3.7	19	1	
11141-16-5	Aroclor-1232	ND	U	ug/Kg	8.2	19	1	
53469-21-9	Aroclor-1242	ND	U	ug/Kg	3.7	19	1	
12672-29-6	Aroclor-1248	ND	U	ug/Kg	7.2	19	1	
11097-69-1	Aroclor-1254	ND	U	ug/Kg	1.6	19	1	
11096-82-5	Aroclor-1260	ND	U	ug/Kg	4.5	19	1	

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	Pesticide-TCL	Lab Sample ID :	B3967-01
SDG ID :	B3967	Customer Sample No. :	SB-1
% Moisture :	9	Analytical Method :	EPA SW-846 8081
DataFile :	P1023142.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
319-84-6	alpha-BHC	ND	U	ug/Kg	0.14	1.9	1	
319-85-7	beta-BHC	ND	U	ug/Kg	0.20	1.9	1	
319-86-8	delta-BHC	ND	U	ug/Kg	0.11	1.9	1	
58-89-9	gamma-BHC	ND	U	ug/Kg	0.16	1.9	1	
76-44-8	Heptachlor	ND	U	ug/Kg	0.15	1.9	1	
309-00-2	Aldrin	ND	U	ug/Kg	0.11	1.9	1	
1024-57-3	Heptachlor epoxide	ND	U	ug/Kg	0.18	1.9	1	
959-98-8	Endosulfan I	ND	U	ug/Kg	0.16	1.9	1	
60-57-1	Dieldrin	ND	U	ug/Kg	0.14	1.9	1	
72-55-9	4,4-DDE	3.3		ug/Kg	0.22	1.9	1	
72-20-8	Endrin	ND	U	ug/Kg	0.20	1.9	1	
33213-65-9	Endosulfan II	ND	U	ug/Kg	0.15	1.9	1	
72-54-8	4,4-DDD	ND	U	ug/Kg	0.19	1.9	1	
1031-07-8	Endosulfan Sulfate	ND	U	ug/Kg	0.16	1.9	1	
50-29-3	4,4-DDT	7.3	P	ug/Kg	0.15	1.9	1	
72-43-5	Methoxychlor	ND	U	ug/Kg	0.19	1.9	1	
53494-70-5	Endrin ketone	ND	U	ug/Kg	0.14	1.9	1	
7421-93-4	Endrin aldehyde	ND	U	ug/Kg	0.16	1.9	1	
5103-71-9	alpha-Chlordane	ND	U	ug/Kg	0.15	1.9	1	
5103-74-2	gamma-Chlordane	ND	U	ug/Kg	0.14	1.9	1	
8001-35-2	Toxaphene	ND	U	ug/Kg	3.7	19	1	

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	SVOC-TCL BNA	Lab Sample ID :	B3967-01
SDG ID :	B3967	Customer Sample No. :	SB-1
% Moisture :	9	Analytical Method :	EPA SW-846 8270
DataFile :	BF041106.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
100-52-7	Benzaldehyde	ND	U	ug/Kg	19	360	1	
108-95-2	Phenol	ND	U	ug/Kg	8.5	360	1	
111-44-4	bis(2-Chloroethyl)ether	ND	U	ug/Kg	18	360	1	
95-57-8	2-Chlorophenol	ND	U	ug/Kg	19	360	1	
95-48-7	2-Methylphenol	ND	U	ug/Kg	20	360	1	
108-60-1	2,2-oxybis(1-Chloropropane)	ND	U	ug/Kg	15	360	1	
98-86-2	Acetophenone	ND	U	ug/Kg	11	360	1	
65794-96-9	3+4-Methylphenols	ND	U	ug/Kg	19	360	1	
621-64-7	N-Nitroso-di-n-propylamine	ND	U	ug/Kg	18	360	1	
67-72-1	Hexachloroethane	ND	U	ug/Kg	16	360	1	
98-95-3	Nitrobenzene	ND	U	ug/Kg	14	360	1	
78-59-1	Isophorone	ND	U	ug/Kg	12	360	1	
88-75-5	2-Nitrophenol	ND	U	ug/Kg	18	360	1	
105-67-9	2,4-Dimethylphenol	ND	U	ug/Kg	21	360	1	
111-91-1	bis(2-Chloroethoxy)methane	ND	U	ug/Kg	21	360	1	
120-83-2	2,4-Dichlorophenol	ND	U	ug/Kg	14	360	1	
91-20-3	Naphthalene	ND	U	ug/Kg	13	360	1	
106-47-8	4-Chloroaniline	ND	U	ug/Kg	26	360	1	
87-68-3	Hexachlorobutadiene	ND	U	ug/Kg	13	360	1	
105-60-2	Caprolactam	ND	U	ug/Kg	17	360	1	
59-50-7	4-Chloro-3-methylphenol	ND	U	ug/Kg	16	360	1	
91-57-6	2-Methylnaphthalene	ND	U	ug/Kg	9.2	360	1	
77-47-4	Hexachlorocyclopentadiene	ND	U	ug/Kg	8.9	360	1	
88-06-2	2,4,6-Trichlorophenol	ND	U	ug/Kg	11	360	1	
95-95-4	2,4,5-Trichlorophenol	ND	U	ug/Kg	26	360	1	
92-52-4	1,1-Biphenyl	ND	U	ug/Kg	14	360	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	SVOC-TCL BNA	Lab Sample ID :	B3967-01
SDG ID :	B3967	Customer Sample No. :	SB-1
% Moisture :	9	Analytical Method :	EPA SW-846 8270
DataFile :	BF041106.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
91-58-7	2-Chloronaphthalene	ND	U	ug/Kg	8.3	360	1	
88-74-4	2-Nitroaniline	ND	U	ug/Kg	16	360	1	
131-11-3	Dimethylphthalate	230	J	ug/Kg	9.9	360	1	
208-96-8	Acenaphthylene	ND	U	ug/Kg	9.2	360	1	
606-20-2	2,6-Dinitrotoluene	ND	U	ug/Kg	15	360	1	
99-09-2	3-Nitroaniline	ND	U	ug/Kg	23	360	1	
83-32-9	Acenaphthene	86	J	ug/Kg	10	360	1	
51-28-5	2,4-Dinitrophenol	ND	U	ug/Kg	37	360	1	
100-02-7	4-Nitrophenol	ND	U	ug/Kg	68	360	1	
132-64-9	Dibenzofuran	ND	U	ug/Kg	14	360	1	
121-14-2	2,4-Dinitrotoluene	ND	U	ug/Kg	11	360	1	
84-66-2	Diethylphthalate	ND	U	ug/Kg	5.7	360	1	
7005-72-3	4-Chlorophenyl-phenylether	ND	U	ug/Kg	20	360	1	
86-73-7	Fluorene	66	J	ug/Kg	14	360	1	
100-01-6	4-Nitroaniline	ND	U	ug/Kg	48	360	1	
534-52-1	4,6-Dinitro-2-methylphenol	ND	U	ug/Kg	21	360	1	
86-30-6	N-Nitrosodiphenylamine	ND	U	ug/Kg	8.8	360	1	
101-55-3	4-Bromophenyl-phenylether	ND	U	ug/Kg	7.1	360	1	
118-74-1	Hexachlorobenzene	ND	U	ug/Kg	15	360	1	
1912-24-9	Atrazine	ND	U	ug/Kg	19	360	1	
87-86-5	Pentachlorophenol	ND	U	ug/Kg	25	360	1	
85-01-8	Phenanthrene	1000		ug/Kg	9.9	360	1	
120-12-7	Anthracene	220	J	ug/Kg	7.5	360	1	
86-74-8	Carbazole	120	J	ug/Kg	8.0	360	1	
84-74-2	Di-n-butylphthalate	66	J	ug/Kg	29	360	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	SVOC-TCL BNA	Lab Sample ID :	B3967-01
SDG ID :	B3967	Customer Sample No. :	SB-1
% Moisture :	9	Analytical Method :	EPA SW-846 8270
DataFile :	BF041106.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
206-44-0	Fluoranthene	1600		ug/Kg	7.4	360	1	
129-00-0	Pyrene	1400		ug/Kg	8.8	360	1	
85-68-7	Butylbenzylphthalate	1900		ug/Kg	18	360	1	
91-94-1	3,3-Dichlorobenzidine	ND	U	ug/Kg	23	360	1	
56-55-3	Benzo(a)anthracene	850		ug/Kg	17	360	1	
218-01-9	Chrysene	830		ug/Kg	17	360	1	
117-81-7	bis(2-Ethylhexyl)phthalate	190	J	ug/Kg	13	360	1	
117-84-0	Di-n-octyl phthalate	ND	U	ug/Kg	4.2	360	1	
205-99-2	Benzo(b)fluoranthene	1100		ug/Kg	12	360	1	
207-08-9	Benzo(k)fluoranthene	310	J	ug/Kg	17	360	1	
50-32-8	Benzo(a)pyrene	790		ug/Kg	7.9	360	1	
193-39-5	Indeno(1,2,3-cd)pyrene	540		ug/Kg	12	360	1	
53-70-3	Dibenz(a,h)anthracene	150	J	ug/Kg	11	360	1	
191-24-2	Benzo(g,h,i)perylene	640		ug/Kg	15	360	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	VOC-TCL	Lab Sample ID :	B3967-01
SDG ID :	B3967	Customer Sample No. :	SB-1
% Moisture :	9	Analytical Method :	EPA SW846 8260
DataFile :	VK041481.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-71-8	Dichlorodifluoromethane	ND	U	ug/Kg	0.71	5.5	1	
74-87-3	Chloromethane	ND	U	ug/Kg	0.94	5.5	1	
75-01-4	Vinyl Chloride	ND	U	ug/Kg	1.3	5.5	1	
74-83-9	Bromomethane	ND	U	ug/Kg	2.7	5.5	1	
75-00-3	Chloroethane	ND	U	ug/Kg	1.5	5.5	1	
75-69-4	Trichlorofluoromethane	ND	U	ug/Kg	1.4	5.5	1	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	ug/Kg	1.5	5.5	1	
75-35-4	1,1-Dichloroethene	ND	U	ug/Kg	1.6	5.5	1	
67-64-1	Acetone	39		ug/Kg	3.3	27	1	
75-15-0	Carbon Disulfide	ND	U	ug/Kg	1.2	5.5	1	
1634-04-4	Methyl tert-butyl Ether	ND	U	ug/Kg	1.0	5.5	1	
79-20-9	Methyl Acetate	ND	U	ug/Kg	1.6	5.5	1	
75-09-2	Methylene Chloride	ND	U	ug/Kg	1.6	5.5	1	
156-60-5	trans-1,2-Dichloroethene	ND	U	ug/Kg	0.75	5.5	1	
75-34-3	1,1-Dichloroethane	ND	U	ug/Kg	1.0	5.5	1	
110-82-7	Cyclohexane	ND	U	ug/Kg	1.1	5.5	1	
78-93-3	2-Butanone	ND	U	ug/Kg	3.4	27	1	
56-23-5	Carbon Tetrachloride	ND	U	ug/Kg	1.1	5.5	1	
156-59-2	cis-1,2-Dichloroethene	ND	U	ug/Kg	0.97	5.5	1	
67-66-3	Chloroform	ND	U	ug/Kg	0.81	5.5	1	
71-55-6	1,1,1-Trichloroethane	ND	U	ug/Kg	0.96	5.5	1	
108-87-2	Methylcyclohexane	ND	U	ug/Kg	1.2	5.5	1	
71-43-2	Benzene	ND	U	ug/Kg	0.42	5.5	1	
107-06-2	1,2-Dichloroethane	ND	U	ug/Kg	0.70	5.5	1	
79-01-6	Trichloroethene	ND	U	ug/Kg	0.94	5.5	1	
78-87-5	1,2-Dichloropropane	ND	U	ug/Kg	0.28	5.5	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	VOC-TCL	Lab Sample ID :	B3967-01
SDG ID :	B3967	Customer Sample No. :	SB-1
% Moisture :	9	Analytical Method :	EPA SW846 8260
DataFile :	VK041481.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-27-4	Bromodichloromethane	ND	U	ug/Kg	0.68	5.5	1	
108-10-1	4-Methyl-2-Pentanone	ND	U	ug/Kg	3.2	27	1	
108-88-3	Toluene	ND	U	ug/Kg	0.70	5.5	1	
10061-02-6	t-1,3-Dichloropropene	ND	U	ug/Kg	0.86	5.5	1	
10061-01-5	cis-1,3-Dichloropropene	ND	U	ug/Kg	0.79	5.5	1	
79-00-5	1,1,2-Trichloroethane	ND	U	ug/Kg	0.98	5.5	1	
591-78-6	2-Hexanone	ND	U	ug/Kg	4.3	27	1	
124-48-1	Dibromochloromethane	ND	U	ug/Kg	0.59	5.5	1	
106-93-4	1,2-Dibromoethane	ND	U	ug/Kg	0.70	5.5	1	
127-18-4	Tetrachloroethene	2.2	J	ug/Kg	1.1	5.5	1	
108-90-7	Chlorobenzene	ND	U	ug/Kg	0.55	5.5	1	
100-41-4	Ethyl Benzene	ND	U	ug/Kg	0.68	5.5	1	
179601-23-1	m/p-Xylenes	ND	U	ug/Kg	0.79	11	1	
95-47-6	o-Xylene	ND	U	ug/Kg	0.74	5.5	1	
100-42-5	Styrene	ND	U	ug/Kg	0.49	5.5	1	
75-25-2	Bromoform	ND	U	ug/Kg	0.81	5.5	1	
98-82-8	Isopropylbenzene	ND	U	ug/Kg	0.52	5.5	1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/Kg	0.50	5.5	1	
541-73-1	1,3-Dichlorobenzene	ND	U	ug/Kg	0.40	5.5	1	
106-46-7	1,4-Dichlorobenzene	ND	U	ug/Kg	0.45	5.5	1	
95-50-1	1,2-Dichlorobenzene	ND	U	ug/Kg	0.68	5.5	1	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	ug/Kg	0.95	5.5	1	
120-82-1	1,2,4-Trichlorobenzene	ND	U	ug/Kg	0.76	5.5	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	VOC-TCL	Lab Sample ID :	B3967-01RE
SDG ID :	B3967	Customer Sample No. :	SB-1RE
% Moisture :	9	Analytical Method :	EPA SW846 8260
DataFile :	VK041498.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-71-8	Dichlorodifluoromethane	ND	U	ug/Kg	0.71	5.5	1	RE
74-87-3	Chloromethane	ND	U	ug/Kg	0.94	5.5	1	RE
75-01-4	Vinyl Chloride	ND	U	ug/Kg	1.3	5.5	1	RE
74-83-9	Bromomethane	ND	U	ug/Kg	2.7	5.5	1	RE
75-00-3	Chloroethane	ND	U	ug/Kg	1.5	5.5	1	RE
75-69-4	Trichlorofluoromethane	ND	U	ug/Kg	1.4	5.5	1	RE
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	ug/Kg	1.5	5.5	1	RE
75-35-4	1,1-Dichloroethene	ND	U	ug/Kg	1.6	5.5	1	RE
67-64-1	Acetone	32		ug/Kg	3.3	27	1	RE
75-15-0	Carbon Disulfide	ND	U	ug/Kg	1.2	5.5	1	RE
1634-04-4	Methyl tert-butyl Ether	ND	U	ug/Kg	1.1	5.5	1	RE
79-20-9	Methyl Acetate	ND	U	ug/Kg	1.7	5.5	1	RE
75-09-2	Methylene Chloride	ND	U	ug/Kg	1.6	5.5	1	RE
156-60-5	trans-1,2-Dichloroethene	ND	U	ug/Kg	0.76	5.5	1	RE
75-34-3	1,1-Dichloroethane	ND	U	ug/Kg	1.0	5.5	1	RE
110-82-7	Cyclohexane	ND	U	ug/Kg	1.1	5.5	1	RE
78-93-3	2-Butanone	ND	U	ug/Kg	3.4	27	1	RE
56-23-5	Carbon Tetrachloride	ND	U	ug/Kg	1.1	5.5	1	RE
156-59-2	cis-1,2-Dichloroethene	ND	U	ug/Kg	0.98	5.5	1	RE
67-66-3	Chloroform	ND	U	ug/Kg	0.81	5.5	1	RE
71-55-6	1,1,1-Trichloroethane	ND	U	ug/Kg	0.97	5.5	1	RE
108-87-2	Methylcyclohexane	ND	U	ug/Kg	1.2	5.5	1	RE
71-43-2	Benzene	ND	U	ug/Kg	0.42	5.5	1	RE
107-06-2	1,2-Dichloroethane	ND	U	ug/Kg	0.70	5.5	1	RE
79-01-6	Trichloroethene	ND	U	ug/Kg	0.94	5.5	1	RE
78-87-5	1,2-Dichloropropane	ND	U	ug/Kg	0.29	5.5	1	RE

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	VOC-TCL	Lab Sample ID :	B3967-01RE
SDG ID :	B3967	Customer Sample No. :	SB-1RE
% Moisture :	9	Analytical Method :	EPA SW846 8260
DataFile :	VK041498.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-27-4	Bromodichloromethane	ND	U	ug/Kg	0.68	5.5	1	RE
108-10-1	4-Methyl-2-Pentanone	ND	U	ug/Kg	3.2	27	1	RE
108-88-3	Toluene	ND	U	ug/Kg	0.70	5.5	1	RE
10061-02-6	t-1,3-Dichloropropene	ND	U	ug/Kg	0.87	5.5	1	RE
10061-01-5	cis-1,3-Dichloropropene	ND	U	ug/Kg	0.79	5.5	1	RE
79-00-5	1,1,2-Trichloroethane	ND	U	ug/Kg	0.99	5.5	1	RE
591-78-6	2-Hexanone	ND	U	ug/Kg	4.3	27	1	RE
124-48-1	Dibromochloromethane	ND	U	ug/Kg	0.59	5.5	1	RE
106-93-4	1,2-Dibromoethane	ND	U	ug/Kg	0.70	5.5	1	RE
127-18-4	Tetrachloroethene	ND	U	ug/Kg	1.1	5.5	1	RE
108-90-7	Chlorobenzene	ND	U	ug/Kg	0.55	5.5	1	RE
100-41-4	Ethyl Benzene	ND	U	ug/Kg	0.68	5.5	1	RE
179601-23-1	m/p-Xylenes	ND	U	ug/Kg	0.79	11	1	RE
95-47-6	o-Xylene	ND	U	ug/Kg	0.75	5.5	1	RE
100-42-5	Styrene	ND	U	ug/Kg	0.49	5.5	1	RE
75-25-2	Bromoform	ND	U	ug/Kg	0.81	5.5	1	RE
98-82-8	Isopropylbenzene	ND	U	ug/Kg	0.53	5.5	1	RE
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/Kg	0.50	5.5	1	RE
541-73-1	1,3-Dichlorobenzene	ND	U	ug/Kg	0.41	5.5	1	RE
106-46-7	1,4-Dichlorobenzene	ND	U	ug/Kg	0.45	5.5	1	RE
95-50-1	1,2-Dichlorobenzene	ND	U	ug/Kg	0.68	5.5	1	RE
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	ug/Kg	0.95	5.5	1	RE
120-82-1	1,2,4-Trichlorobenzene	ND	U	ug/Kg	0.77	5.5	1	RE

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	Mercury	Lab Sample ID :	B3967-02
SDG ID :	B3967	Customer Sample No. :	SB-2
% Moisture :	5.599998	Analytical Method :	EPA SW-846 7471 - HG
DataFile :	LB52195.PRN	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
7439-97-6	Mercury	1.1	D	mg/Kg	0.010	0.053	5	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	Metals ICP-TAL	Lab Sample ID :	B3967-02
SDG ID :	B3967	Customer Sample No. :	SB-2
% Moisture :	5.599998	Analytical Method :	EPA SW-846 6010 - ICP4
DataFile :	LB52194.txt	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
7429-90-5	Aluminum	4670		mg/Kg	0.80	4.770	1	
7440-36-0	Antimony	0.60	J	mg/Kg	0.53	2.390	1	
7440-38-2	Arsenic	5.360		mg/Kg	0.31	0.95	1	
7440-39-3	Barium	1270		mg/Kg	0.38	4.770	1	
7440-41-7	Beryllium	0.35		mg/Kg	0.06	0.29	1	
7440-43-9	Cadmium	ND	U	mg/Kg	0.06	0.29	1	
7440-70-2	Calcium	26100		mg/Kg	1.020	95.4	1	
7440-47-3	Chromium	16.0		mg/Kg	0.12	0.48	1	
7440-48-4	Cobalt	5.430		mg/Kg	0.54	1.430	1	
7440-50-8	Copper	48.1		mg/Kg	0.31	0.95	1	
7439-89-6	Iron	12800		mg/Kg	1.270	4.770	1	
7439-92-1	Lead	1960		mg/Kg	0.11	0.57	1	
7439-95-4	Magnesium	4650		mg/Kg	4.370	95.4	1	
7439-96-5	Manganese	241		mg/Kg	0.18	0.95	1	
7440-02-0	Nickel	12.8		mg/Kg	0.44	1.910	1	
7440-09-7	Potassium	1610		mg/Kg	3.340	95.4	1	
7782-49-2	Selenium	1.480		mg/Kg	0.39	0.95	1	
7440-22-4	Silver	0.45	J	mg/Kg	0.14	0.48	1	
7440-23-5	Sodium	658		mg/Kg	2.400	95.4	1	
7440-28-0	Thallium	ND	U	mg/Kg	0.26	1.910	1	
7440-62-2	Vanadium	20.6		mg/Kg	0.56	1.910	1	
7440-66-6	Zinc	725		mg/Kg	0.67	1.910	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	PCB	Lab Sample ID :	B3967-02
SDG ID :	B3967	Customer Sample No. :	SB-2
% Moisture :	6	Analytical Method :	EPA SW-846 8082
DataFile :	P6043272.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	U	ug/Kg	3.7	18	1	
11104-28-2	Aroclor-1221	ND	U	ug/Kg	3.6	18	1	
11141-16-5	Aroclor-1232	ND	U	ug/Kg	7.9	18	1	
53469-21-9	Aroclor-1242	ND	U	ug/Kg	3.6	18	1	
12672-29-6	Aroclor-1248	ND	U	ug/Kg	7.0	18	1	
11097-69-1	Aroclor-1254	ND	U	ug/Kg	1.6	18	1	
11096-82-5	Aroclor-1260	ND	U	ug/Kg	4.4	18	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	Pesticide-TCL	Lab Sample ID :	B3967-02
SDG ID :	B3967	Customer Sample No. :	SB-2
% Moisture :	6	Analytical Method :	EPA SW-846 8081
DataFile :	P1023143.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
319-84-6	alpha-BHC	ND	U	ug/Kg	0.14	1.8	1	
319-85-7	beta-BHC	ND	U	ug/Kg	0.19	1.8	1	
319-86-8	delta-BHC	ND	U	ug/Kg	0.11	1.8	1	
58-89-9	gamma-BHC	ND	U	ug/Kg	0.16	1.8	1	
76-44-8	Heptachlor	ND	U	ug/Kg	0.15	1.8	1	
309-00-2	Aldrin	ND	U	ug/Kg	0.11	1.8	1	
1024-57-3	Heptachlor epoxide	ND	U	ug/Kg	0.17	1.8	1	
959-98-8	Endosulfan I	ND	U	ug/Kg	0.16	1.8	1	
60-57-1	Dieldrin	ND	U	ug/Kg	0.14	1.8	1	
72-55-9	4,4-DDE	ND	U	ug/Kg	0.21	1.8	1	
72-20-8	Endrin	ND	U	ug/Kg	0.19	1.8	1	
33213-65-9	Endosulfan II	ND	U	ug/Kg	0.15	1.8	1	
72-54-8	4,4-DDD	ND	U	ug/Kg	0.18	1.8	1	
1031-07-8	Endosulfan Sulfate	ND	U	ug/Kg	0.16	1.8	1	
50-29-3	4,4-DDT	24	P	ug/Kg	0.15	1.8	1	
72-43-5	Methoxychlor	ND	U	ug/Kg	0.18	1.8	1	
53494-70-5	Endrin ketone	ND	U	ug/Kg	0.14	1.8	1	
7421-93-4	Endrin aldehyde	ND	U	ug/Kg	0.16	1.8	1	
5103-71-9	alpha-Chlordane	ND	U	ug/Kg	0.15	1.8	1	
5103-74-2	gamma-Chlordane	ND	U	ug/Kg	0.14	1.8	1	
8001-35-2	Toxaphene	ND	U	ug/Kg	3.6	18	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	SVOC-TCL BNA	Lab Sample ID :	B3967-02
SDG ID :	B3967	Customer Sample No. :	SB-2
% Moisture :	6	Analytical Method :	EPA SW-846 8270
DataFile :	BF041107.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
100-52-7	Benzaldehyde	ND	U	ug/Kg	18	350	1	
108-95-2	Phenol	ND	U	ug/Kg	8.2	350	1	
111-44-4	bis(2-Chloroethyl)ether	ND	U	ug/Kg	17	350	1	
95-57-8	2-Chlorophenol	ND	U	ug/Kg	19	350	1	
95-48-7	2-Methylphenol	ND	U	ug/Kg	19	350	1	
108-60-1	2,2-oxybis(1-Chloropropane)	ND	U	ug/Kg	15	350	1	
98-86-2	Acetophenone	ND	U	ug/Kg	11	350	1	
65794-96-9	3+4-Methylphenols	ND	U	ug/Kg	18	350	1	
621-64-7	N-Nitroso-di-n-propylamine	ND	U	ug/Kg	18	350	1	
67-72-1	Hexachloroethane	ND	U	ug/Kg	16	350	1	
98-95-3	Nitrobenzene	ND	U	ug/Kg	13	350	1	
78-59-1	Isophorone	ND	U	ug/Kg	12	350	1	
88-75-5	2-Nitrophenol	ND	U	ug/Kg	17	350	1	
105-67-9	2,4-Dimethylphenol	ND	U	ug/Kg	20	350	1	
111-91-1	bis(2-Chloroethoxy)methane	ND	U	ug/Kg	20	350	1	
120-83-2	2,4-Dichlorophenol	ND	U	ug/Kg	13	350	1	
91-20-3	Naphthalene	ND	U	ug/Kg	12	350	1	
106-47-8	4-Chloroaniline	ND	U	ug/Kg	25	350	1	
87-68-3	Hexachlorobutadiene	ND	U	ug/Kg	13	350	1	
105-60-2	Caprolactam	ND	U	ug/Kg	16	350	1	
59-50-7	4-Chloro-3-methylphenol	ND	U	ug/Kg	16	350	1	
91-57-6	2-Methylnaphthalene	ND	U	ug/Kg	8.9	350	1	
77-47-4	Hexachlorocyclopentadiene	ND	U	ug/Kg	8.6	350	1	
88-06-2	2,4,6-Trichlorophenol	ND	U	ug/Kg	11	350	1	
95-95-4	2,4,5-Trichlorophenol	ND	U	ug/Kg	25	350	1	
92-52-4	1,1-Biphenyl	ND	U	ug/Kg	13	350	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	SVOC-TCL BNA	Lab Sample ID :	B3967-02
SDG ID :	B3967	Customer Sample No. :	SB-2
% Moisture :	6	Analytical Method :	EPA SW-846 8270
DataFile :	BF041107.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
91-58-7	2-Chloronaphthalene	ND	U	ug/Kg	8.1	350	1	
88-74-4	2-Nitroaniline	ND	U	ug/Kg	16	350	1	
131-11-3	Dimethylphthalate	210	J	ug/Kg	9.6	350	1	
208-96-8	Acenaphthylene	88	J	ug/Kg	8.9	350	1	
606-20-2	2,6-Dinitrotoluene	ND	U	ug/Kg	14	350	1	
99-09-2	3-Nitroaniline	ND	U	ug/Kg	23	350	1	
83-32-9	Acenaphthene	100	J	ug/Kg	10	350	1	
51-28-5	2,4-Dinitrophenol	ND	U	ug/Kg	36	350	1	
100-02-7	4-Nitrophenol	ND	U	ug/Kg	66	350	1	
132-64-9	Dibenzofuran	61	J	ug/Kg	14	350	1	
121-14-2	2,4-Dinitrotoluene	ND	U	ug/Kg	11	350	1	
84-66-2	Diethylphthalate	ND	U	ug/Kg	5.5	350	1	
7005-72-3	4-Chlorophenyl-phenylether	ND	U	ug/Kg	19	350	1	
86-73-7	Fluorene	73	J	ug/Kg	13	350	1	
100-01-6	4-Nitroaniline	ND	U	ug/Kg	46	350	1	
534-52-1	4,6-Dinitro-2-methylphenol	ND	U	ug/Kg	20	350	1	
86-30-6	N-Nitrosodiphenylamine	ND	U	ug/Kg	8.5	350	1	
101-55-3	4-Bromophenyl-phenylether	ND	U	ug/Kg	6.9	350	1	
118-74-1	Hexachlorobenzene	ND	U	ug/Kg	14	350	1	
1912-24-9	Atrazine	ND	U	ug/Kg	19	350	1	
87-86-5	Pentachlorophenol	ND	U	ug/Kg	24	350	1	
85-01-8	Phenanthrene	1700		ug/Kg	9.6	350	1	
120-12-7	Anthracene	430		ug/Kg	7.2	350	1	
86-74-8	Carbazole	180	J	ug/Kg	7.8	350	1	
84-74-2	Di-n-butylphthalate	ND	U	ug/Kg	28	350	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	SVOC-TCL BNA	Lab Sample ID :	B3967-02
SDG ID :	B3967	Customer Sample No. :	SB-2
% Moisture :	6	Analytical Method :	EPA SW-846 8270
DataFile :	BF041107.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
206-44-0	Fluoranthene	2900	E	ug/Kg	7.1	350	1	
129-00-0	Pyrene	2500		ug/Kg	8.5	350	1	
85-68-7	Butylbenzylphthalate	ND	U	ug/Kg	17	350	1	
91-94-1	3,3-Dichlorobenzidine	ND	U	ug/Kg	23	350	1	
56-55-3	Benzo(a)anthracene	1600		ug/Kg	17	350	1	
218-01-9	Chrysene	1600		ug/Kg	16	350	1	
117-81-7	bis(2-Ethylhexyl)phthalate	190	J	ug/Kg	13	350	1	
117-84-0	Di-n-octyl phthalate	ND	U	ug/Kg	4.0	350	1	
205-99-2	Benzo(b)fluoranthene	2500		ug/Kg	12	350	1	
207-08-9	Benzo(k)fluoranthene	690		ug/Kg	17	350	1	
50-32-8	Benzo(a)pyrene	1800		ug/Kg	7.7	350	1	
193-39-5	Indeno(1,2,3-cd)pyrene	1400		ug/Kg	12	350	1	
53-70-3	Dibenz(a,h)anthracene	320	J	ug/Kg	10	350	1	
191-24-2	Benzo(g,h,i)perylene	1300		ug/Kg	14	350	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	VOC-TCL	Lab Sample ID :	B3967-02
SDG ID :	B3967	Customer Sample No. :	SB-2
% Moisture :	6	Analytical Method :	EPA SW846 8260
DataFile :	VK041482.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-71-8	Dichlorodifluoromethane	ND	U	ug/Kg	0.69	5.3	1	
74-87-3	Chloromethane	ND	U	ug/Kg	0.91	5.3	1	
75-01-4	Vinyl Chloride	ND	U	ug/Kg	1.3	5.3	1	
74-83-9	Bromomethane	ND	U	ug/Kg	2.6	5.3	1	
75-00-3	Chloroethane	ND	U	ug/Kg	1.5	5.3	1	
75-69-4	Trichlorofluoromethane	ND	U	ug/Kg	1.4	5.3	1	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	ug/Kg	1.4	5.3	1	
75-35-4	1,1-Dichloroethene	ND	U	ug/Kg	1.6	5.3	1	
67-64-1	Acetone	ND	U	ug/Kg	3.2	26	1	
75-15-0	Carbon Disulfide	ND	U	ug/Kg	1.1	5.3	1	
1634-04-4	Methyl tert-butyl Ether	ND	U	ug/Kg	1.0	5.3	1	
79-20-9	Methyl Acetate	ND	U	ug/Kg	1.6	5.3	1	
75-09-2	Methylene Chloride	ND	U	ug/Kg	1.5	5.3	1	
156-60-5	trans-1,2-Dichloroethene	ND	U	ug/Kg	0.73	5.3	1	
75-34-3	1,1-Dichloroethane	ND	U	ug/Kg	1.0	5.3	1	
110-82-7	Cyclohexane	ND	U	ug/Kg	1.1	5.3	1	
78-93-3	2-Butanone	ND	U	ug/Kg	3.3	26	1	
56-23-5	Carbon Tetrachloride	ND	U	ug/Kg	1.0	5.3	1	
156-59-2	cis-1,2-Dichloroethene	ND	U	ug/Kg	0.94	5.3	1	
67-66-3	Chloroform	ND	U	ug/Kg	0.78	5.3	1	
71-55-6	1,1,1-Trichloroethane	ND	U	ug/Kg	0.93	5.3	1	
108-87-2	Methylcyclohexane	ND	U	ug/Kg	1.1	5.3	1	
71-43-2	Benzene	ND	U	ug/Kg	0.40	5.3	1	
107-06-2	1,2-Dichloroethane	ND	U	ug/Kg	0.68	5.3	1	
79-01-6	Trichloroethene	ND	U	ug/Kg	0.91	5.3	1	
78-87-5	1,2-Dichloropropane	ND	U	ug/Kg	0.28	5.3	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	VOC-TCL	Lab Sample ID :	B3967-02
SDG ID :	B3967	Customer Sample No. :	SB-2
% Moisture :	6	Analytical Method :	EPA SW846 8260
DataFile :	VK041482.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-27-4	Bromodichloromethane	ND	U	ug/Kg	0.66	5.3	1	
108-10-1	4-Methyl-2-Pentanone	ND	U	ug/Kg	3.1	26	1	
108-88-3	Toluene	ND	U	ug/Kg	0.68	5.3	1	
10061-02-6	t-1,3-Dichloropropene	ND	U	ug/Kg	0.84	5.3	1	
10061-01-5	cis-1,3-Dichloropropene	ND	U	ug/Kg	0.76	5.3	1	
79-00-5	1,1,2-Trichloroethane	ND	U	ug/Kg	0.95	5.3	1	
591-78-6	2-Hexanone	ND	U	ug/Kg	4.2	26	1	
124-48-1	Dibromochloromethane	ND	U	ug/Kg	0.57	5.3	1	
106-93-4	1,2-Dibromoethane	ND	U	ug/Kg	0.68	5.3	1	
127-18-4	Tetrachloroethene	58		ug/Kg	1.1	5.3	1	
108-90-7	Chlorobenzene	ND	U	ug/Kg	0.53	5.3	1	
100-41-4	Ethyl Benzene	ND	U	ug/Kg	0.66	5.3	1	
179601-23-1	m/p-Xylenes	ND	U	ug/Kg	0.76	11	1	
95-47-6	o-Xylene	ND	U	ug/Kg	0.72	5.3	1	
100-42-5	Styrene	ND	U	ug/Kg	0.48	5.3	1	
75-25-2	Bromoform	ND	U	ug/Kg	0.78	5.3	1	
98-82-8	Isopropylbenzene	ND	U	ug/Kg	0.51	5.3	1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/Kg	0.49	5.3	1	
541-73-1	1,3-Dichlorobenzene	ND	U	ug/Kg	0.39	5.3	1	
106-46-7	1,4-Dichlorobenzene	ND	U	ug/Kg	0.43	5.3	1	
95-50-1	1,2-Dichlorobenzene	ND	U	ug/Kg	0.66	5.3	1	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	ug/Kg	0.92	5.3	1	
120-82-1	1,2,4-Trichlorobenzene	ND	U	ug/Kg	0.74	5.3	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	SVOC-TCL BNA	Lab Sample ID :	B3967-02DL
SDG ID :	B3967	Customer Sample No. :	SB-2DL
% Moisture :	6	Analytical Method :	EPA SW-846 8270
DataFile :	BF041110.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
100-52-7	Benzaldehyde	ND	UD	ug/Kg	37	700	2	DIL
108-95-2	Phenol	ND	UD	ug/Kg	16	700	2	DIL
111-44-4	bis(2-Chloroethyl)ether	ND	UD	ug/Kg	34	700	2	DIL
95-57-8	2-Chlorophenol	ND	UD	ug/Kg	37	700	2	DIL
95-48-7	2-Methylphenol	ND	UD	ug/Kg	38	700	2	DIL
108-60-1	2,2-oxybis(1-Chloropropane)	ND	UD	ug/Kg	29	700	2	DIL
98-86-2	Acetophenone	ND	UD	ug/Kg	22	700	2	DIL
65794-96-9	3+4-Methylphenols	ND	UD	ug/Kg	37	700	2	DIL
621-64-7	N-Nitroso-di-n-propylamine	ND	UD	ug/Kg	36	700	2	DIL
67-72-1	Hexachloroethane	ND	UD	ug/Kg	32	700	2	DIL
98-95-3	Nitrobenzene	ND	UD	ug/Kg	27	700	2	DIL
78-59-1	Isophorone	ND	UD	ug/Kg	23	700	2	DIL
88-75-5	2-Nitrophenol	ND	UD	ug/Kg	34	700	2	DIL
105-67-9	2,4-Dimethylphenol	ND	UD	ug/Kg	40	700	2	DIL
111-91-1	bis(2-Chloroethoxy)methane	ND	UD	ug/Kg	41	700	2	DIL
120-83-2	2,4-Dichlorophenol	ND	UD	ug/Kg	27	700	2	DIL
91-20-3	Naphthalene	ND	UD	ug/Kg	24	700	2	DIL
106-47-8	4-Chloroaniline	ND	UD	ug/Kg	50	700	2	DIL
87-68-3	Hexachlorobutadiene	ND	UD	ug/Kg	26	700	2	DIL
105-60-2	Caprolactam	ND	UD	ug/Kg	33	700	2	DIL
59-50-7	4-Chloro-3-methylphenol	ND	UD	ug/Kg	31	700	2	DIL
91-57-6	2-Methylnaphthalene	ND	UD	ug/Kg	18	700	2	DIL
77-47-4	Hexachlorocyclopentadiene	ND	UD	ug/Kg	17	700	2	DIL
88-06-2	2,4,6-Trichlorophenol	ND	UD	ug/Kg	22	700	2	DIL
95-95-4	2,4,5-Trichlorophenol	ND	UD	ug/Kg	50	700	2	DIL
92-52-4	1,1-Biphenyl	ND	UD	ug/Kg	27	700	2	DIL

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	SVOC-TCL BNA	Lab Sample ID :	B3967-02DL
SDG ID :	B3967	Customer Sample No. :	SB-2DL
% Moisture :	6	Analytical Method :	EPA SW-846 8270
DataFile :	BF041110.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
91-58-7	2-Chloronaphthalene	ND	UD	ug/Kg	16	700	2	DIL
88-74-4	2-Nitroaniline	ND	UD	ug/Kg	31	700	2	DIL
131-11-3	Dimethylphthalate	220	JD	ug/Kg	19	700	2	DIL
208-96-8	Acenaphthylene	96	JD	ug/Kg	18	700	2	DIL
606-20-2	2,6-Dinitrotoluene	ND	UD	ug/Kg	29	700	2	DIL
99-09-2	3-Nitroaniline	ND	UD	ug/Kg	45	700	2	DIL
83-32-9	Acenaphthene	110	JD	ug/Kg	20	700	2	DIL
51-28-5	2,4-Dinitrophenol	ND	UD	ug/Kg	72	700	2	DIL
100-02-7	4-Nitrophenol	ND	UD	ug/Kg	130	700	2	DIL
132-64-9	Dibenzofuran	ND	UD	ug/Kg	28	700	2	DIL
121-14-2	2,4-Dinitrotoluene	ND	UD	ug/Kg	21	700	2	DIL
84-66-2	Diethylphthalate	ND	UD	ug/Kg	11	700	2	DIL
7005-72-3	4-Chlorophenyl-phenylether	ND	UD	ug/Kg	38	700	2	DIL
86-73-7	Fluorene	95	JD	ug/Kg	27	700	2	DIL
100-01-6	4-Nitroaniline	ND	UD	ug/Kg	92	700	2	DIL
534-52-1	4,6-Dinitro-2-methylphenol	ND	UD	ug/Kg	41	700	2	DIL
86-30-6	N-Nitrosodiphenylamine	ND	UD	ug/Kg	17	700	2	DIL
101-55-3	4-Bromophenyl-phenylether	ND	UD	ug/Kg	14	700	2	DIL
118-74-1	Hexachlorobenzene	ND	UD	ug/Kg	29	700	2	DIL
1912-24-9	Atrazine	ND	UD	ug/Kg	37	700	2	DIL
87-86-5	Pentachlorophenol	ND	UD	ug/Kg	48	700	2	DIL
85-01-8	Phenanthrene	1800	D	ug/Kg	19	700	2	DIL
120-12-7	Anthracene	380	JD	ug/Kg	14	700	2	DIL
86-74-8	Carbazole	140	JD	ug/Kg	16	700	2	DIL
84-74-2	Di-n-butylphthalate	ND	UD	ug/Kg	56	700	2	DIL

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	SVOC-TCL BNA	Lab Sample ID :	B3967-02DL
SDG ID :	B3967	Customer Sample No. :	SB-2DL
% Moisture :	6	Analytical Method :	EPA SW-846 8270
DataFile :	BF041110.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
206-44-0	Fluoranthene	2900	D	ug/Kg	14	700	2	DIL
129-00-0	Pyrene	2700	D	ug/Kg	17	700	2	DIL
85-68-7	Butylbenzylphthalate	ND	UD	ug/Kg	34	700	2	DIL
91-94-1	3,3-Dichlorobenzidine	ND	UD	ug/Kg	45	700	2	DIL
56-55-3	Benzo(a)anthracene	1700	D	ug/Kg	34	700	2	DIL
218-01-9	Chrysene	1700	D	ug/Kg	32	700	2	DIL
117-81-7	bis(2-Ethylhexyl)phthalate	190	JD	ug/Kg	25	700	2	DIL
117-84-0	Di-n-octyl phthalate	ND	UD	ug/Kg	8.1	700	2	DIL
205-99-2	Benzo(b)fluoranthene	2800	D	ug/Kg	23	700	2	DIL
207-08-9	Benzo(k)fluoranthene	700	JD	ug/Kg	33	700	2	DIL
50-32-8	Benzo(a)pyrene	2000	D	ug/Kg	15	700	2	DIL
193-39-5	Indeno(1,2,3-cd)pyrene	1500	D	ug/Kg	24	700	2	DIL
53-70-3	Dibenz(a,h)anthracene	370	JD	ug/Kg	20	700	2	DIL
191-24-2	Benzo(g,h,i)perylene	1600	D	ug/Kg	29	700	2	DIL

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	Mercury	Lab Sample ID :	B3967-03
SDG ID :	B3967	Customer Sample No. :	SB-3
% Moisture :	6.300003	Analytical Method :	EPA SW-846 7471 - HG
DataFile :	LB52195.PRN	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
7439-97-6	Mercury	0.319		mg/Kg	0.002	0.011	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	Metals ICP-TAL	Lab Sample ID :	B3967-03
SDG ID :	B3967	Customer Sample No. :	SB-3
% Moisture :	6.300003	Analytical Method :	EPA SW-846 6010 - ICP4
DataFile :	LB52194.txt	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
7429-90-5	Aluminum	4490		mg/Kg	0.68	4.070	1	
7440-36-0	Antimony	0.70	J	mg/Kg	0.46	2.040	1	
7440-38-2	Arsenic	0.67	J	mg/Kg	0.27	0.81	1	
7440-39-3	Barium	124		mg/Kg	0.33	4.070	1	
7440-41-7	Beryllium	0.38		mg/Kg	0.05	0.24	1	
7440-43-9	Cadmium	ND	U	mg/Kg	0.05	0.24	1	
7440-70-2	Calcium	12300		mg/Kg	0.87	81.5	1	
7440-47-3	Chromium	16.0		mg/Kg	0.11	0.41	1	
7440-48-4	Cobalt	6.220		mg/Kg	0.46	1.220	1	
7440-50-8	Copper	20.7		mg/Kg	0.26	0.81	1	
7439-89-6	Iron	15200		mg/Kg	1.080	4.070	1	
7439-92-1	Lead	255		mg/Kg	0.10	0.49	1	
7439-95-4	Magnesium	3760		mg/Kg	3.730	81.5	1	
7439-96-5	Manganese	283		mg/Kg	0.15	0.81	1	
7440-02-0	Nickel	13.8		mg/Kg	0.37	1.630	1	
7440-09-7	Potassium	1880		mg/Kg	2.850	81.5	1	
7782-49-2	Selenium	1.530		mg/Kg	0.33	0.81	1	
7440-22-4	Silver	0.36	J	mg/Kg	0.12	0.41	1	
7440-23-5	Sodium	1260		mg/Kg	2.050	81.5	1	
7440-28-0	Thallium	ND	U	mg/Kg	0.22	1.630	1	
7440-62-2	Vanadium	21.8		mg/Kg	0.48	1.630	1	
7440-66-6	Zinc	146		mg/Kg	0.57	1.630	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	PCB	Lab Sample ID :	B3967-03
SDG ID :	B3967	Customer Sample No. :	SB-3
% Moisture :	6	Analytical Method :	EPA SW-846 8082
DataFile :	P6043273.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	U	ug/Kg	3.7	18	1	
11104-28-2	Aroclor-1221	ND	U	ug/Kg	3.6	18	1	
11141-16-5	Aroclor-1232	ND	U	ug/Kg	7.9	18	1	
53469-21-9	Aroclor-1242	ND	U	ug/Kg	3.6	18	1	
12672-29-6	Aroclor-1248	ND	U	ug/Kg	7.0	18	1	
11097-69-1	Aroclor-1254	ND	U	ug/Kg	1.6	18	1	
11096-82-5	Aroclor-1260	ND	U	ug/Kg	4.4	18	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	Pesticide-TCL	Lab Sample ID :	B3967-03
SDG ID :	B3967	Customer Sample No. :	SB-3
% Moisture :	6	Analytical Method :	EPA SW-846 8081
DataFile :	P1023144.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
319-84-6	alpha-BHC	ND	U	ug/Kg	0.14	1.8	1	
319-85-7	beta-BHC	ND	U	ug/Kg	0.19	1.8	1	
319-86-8	delta-BHC	ND	U	ug/Kg	0.11	1.8	1	
58-89-9	gamma-BHC	ND	U	ug/Kg	0.16	1.8	1	
76-44-8	Heptachlor	ND	U	ug/Kg	0.15	1.8	1	
309-00-2	Aldrin	ND	U	ug/Kg	0.11	1.8	1	
1024-57-3	Heptachlor epoxide	ND	U	ug/Kg	0.17	1.8	1	
959-98-8	Endosulfan I	ND	U	ug/Kg	0.16	1.8	1	
60-57-1	Dieldrin	ND	U	ug/Kg	0.14	1.8	1	
72-55-9	4,4-DDE	340	EP	ug/Kg	0.21	1.8	1	
72-20-8	Endrin	310	EP	ug/Kg	0.19	1.8	1	
33213-65-9	Endosulfan II	ND	U	ug/Kg	0.15	1.8	1	
72-54-8	4,4-DDD	ND	U	ug/Kg	0.18	1.8	1	
1031-07-8	Endosulfan Sulfate	ND	U	ug/Kg	0.16	1.8	1	
50-29-3	4,4-DDT	240	EP	ug/Kg	0.15	1.8	1	
72-43-5	Methoxychlor	ND	U	ug/Kg	0.18	1.8	1	
53494-70-5	Endrin ketone	ND	U	ug/Kg	0.14	1.8	1	
7421-93-4	Endrin aldehyde	ND	U	ug/Kg	0.16	1.8	1	
5103-71-9	alpha-Chlordane	ND	U	ug/Kg	0.15	1.8	1	
5103-74-2	gamma-Chlordane	ND	U	ug/Kg	0.14	1.8	1	
8001-35-2	Toxaphene	ND	U	ug/Kg	3.6	18	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	SVOC-TCL BNA	Lab Sample ID :	B3967-03
SDG ID :	B3967	Customer Sample No. :	SB-3
% Moisture :	6	Analytical Method :	EPA SW-846 8270
DataFile :	BF041108.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
100-52-7	Benzaldehyde	ND	U	ug/Kg	19	350	1	
108-95-2	Phenol	ND	U	ug/Kg	8.2	350	1	
111-44-4	bis(2-Chloroethyl)ether	ND	U	ug/Kg	17	350	1	
95-57-8	2-Chlorophenol	ND	U	ug/Kg	19	350	1	
95-48-7	2-Methylphenol	ND	U	ug/Kg	19	350	1	
108-60-1	2,2-oxybis(1-Chloropropane)	ND	U	ug/Kg	15	350	1	
98-86-2	Acetophenone	ND	U	ug/Kg	11	350	1	
65794-96-9	3+4-Methylphenols	ND	U	ug/Kg	18	350	1	
621-64-7	N-Nitroso-di-n-propylamine	ND	U	ug/Kg	18	350	1	
67-72-1	Hexachloroethane	ND	U	ug/Kg	16	350	1	
98-95-3	Nitrobenzene	ND	U	ug/Kg	13	350	1	
78-59-1	Isophorone	ND	U	ug/Kg	12	350	1	
88-75-5	2-Nitrophenol	ND	U	ug/Kg	17	350	1	
105-67-9	2,4-Dimethylphenol	ND	U	ug/Kg	20	350	1	
111-91-1	bis(2-Chloroethoxy)methane	ND	U	ug/Kg	20	350	1	
120-83-2	2,4-Dichlorophenol	ND	U	ug/Kg	14	350	1	
91-20-3	Naphthalene	ND	U	ug/Kg	12	350	1	
106-47-8	4-Chloroaniline	ND	U	ug/Kg	25	350	1	
87-68-3	Hexachlorobutadiene	ND	U	ug/Kg	13	350	1	
105-60-2	Caprolactam	ND	U	ug/Kg	16	350	1	
59-50-7	4-Chloro-3-methylphenol	ND	U	ug/Kg	16	350	1	
91-57-6	2-Methylnaphthalene	ND	U	ug/Kg	8.9	350	1	
77-47-4	Hexachlorocyclopentadiene	ND	U	ug/Kg	8.6	350	1	
88-06-2	2,4,6-Trichlorophenol	ND	U	ug/Kg	11	350	1	
95-95-4	2,4,5-Trichlorophenol	ND	U	ug/Kg	25	350	1	
92-52-4	1,1-Biphenyl	ND	U	ug/Kg	13	350	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	SVOC-TCL BNA	Lab Sample ID :	B3967-03
SDG ID :	B3967	Customer Sample No. :	SB-3
% Moisture :	6	Analytical Method :	EPA SW-846 8270
DataFile :	BF041108.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
91-58-7	2-Chloronaphthalene	ND	U	ug/Kg	8.1	350	1	
88-74-4	2-Nitroaniline	ND	U	ug/Kg	16	350	1	
131-11-3	Dimethylphthalate	200	J	ug/Kg	9.6	350	1	
208-96-8	Acenaphthylene	ND	U	ug/Kg	8.9	350	1	
606-20-2	2,6-Dinitrotoluene	ND	U	ug/Kg	14	350	1	
99-09-2	3-Nitroaniline	ND	U	ug/Kg	23	350	1	
83-32-9	Acenaphthene	71	J	ug/Kg	10	350	1	
51-28-5	2,4-Dinitrophenol	ND	U	ug/Kg	36	350	1	
100-02-7	4-Nitrophenol	ND	U	ug/Kg	66	350	1	
132-64-9	Dibenzofuran	ND	U	ug/Kg	14	350	1	
121-14-2	2,4-Dinitrotoluene	ND	U	ug/Kg	11	350	1	
84-66-2	Diethylphthalate	ND	U	ug/Kg	5.5	350	1	
7005-72-3	4-Chlorophenyl-phenylether	ND	U	ug/Kg	19	350	1	
86-73-7	Fluorene	59	J	ug/Kg	13	350	1	
100-01-6	4-Nitroaniline	ND	U	ug/Kg	46	350	1	
534-52-1	4,6-Dinitro-2-methylphenol	ND	U	ug/Kg	20	350	1	
86-30-6	N-Nitrosodiphenylamine	ND	U	ug/Kg	8.5	350	1	
101-55-3	4-Bromophenyl-phenylether	ND	U	ug/Kg	6.9	350	1	
118-74-1	Hexachlorobenzene	ND	U	ug/Kg	14	350	1	
1912-24-9	Atrazine	ND	U	ug/Kg	19	350	1	
87-86-5	Pentachlorophenol	ND	U	ug/Kg	24	350	1	
85-01-8	Phenanthrene	690		ug/Kg	9.6	350	1	
120-12-7	Anthracene	170	J	ug/Kg	7.2	350	1	
86-74-8	Carbazole	82	J	ug/Kg	7.8	350	1	
84-74-2	Di-n-butylphthalate	ND	U	ug/Kg	28	350	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	SVOC-TCL BNA	Lab Sample ID :	B3967-03
SDG ID :	B3967	Customer Sample No. :	SB-3
% Moisture :	6	Analytical Method :	EPA SW-846 8270
DataFile :	BF041108.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
206-44-0	Fluoranthene	1100		ug/Kg	7.1	350	1	
129-00-0	Pyrene	840		ug/Kg	8.5	350	1	
85-68-7	Butylbenzylphthalate	ND	U	ug/Kg	17	350	1	
91-94-1	3,3-Dichlorobenzidine	ND	U	ug/Kg	23	350	1	
56-55-3	Benzo(a)anthracene	510		ug/Kg	17	350	1	
218-01-9	Chrysene	520		ug/Kg	16	350	1	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	U	ug/Kg	13	350	1	
117-84-0	Di-n-octyl phthalate	ND	U	ug/Kg	4.0	350	1	
205-99-2	Benzo(b)fluoranthene	730		ug/Kg	12	350	1	
207-08-9	Benzo(k)fluoranthene	200	J	ug/Kg	17	350	1	
50-32-8	Benzo(a)pyrene	530		ug/Kg	7.7	350	1	
193-39-5	Indeno(1,2,3-cd)pyrene	330	J	ug/Kg	12	350	1	
53-70-3	Dibenz(a,h)anthracene	90	J	ug/Kg	10	350	1	
191-24-2	Benzo(g,h,i)perylene	410		ug/Kg	14	350	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	VOC-TCL	Lab Sample ID :	B3967-03
SDG ID :	B3967	Customer Sample No. :	SB-3
% Moisture :	6	Analytical Method :	EPA SW846 8260
DataFile :	VK041483.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-71-8	Dichlorodifluoromethane	ND	U	ug/Kg	0.70	5.4	1	
74-87-3	Chloromethane	ND	U	ug/Kg	0.92	5.4	1	
75-01-4	Vinyl Chloride	ND	U	ug/Kg	1.3	5.4	1	
74-83-9	Bromomethane	ND	U	ug/Kg	2.6	5.4	1	
75-00-3	Chloroethane	ND	U	ug/Kg	1.5	5.4	1	
75-69-4	Trichlorofluoromethane	ND	U	ug/Kg	1.4	5.4	1	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	ug/Kg	1.4	5.4	1	
75-35-4	1,1-Dichloroethene	ND	U	ug/Kg	1.6	5.4	1	
67-64-1	Acetone	ND	U	ug/Kg	3.2	27	1	
75-15-0	Carbon Disulfide	ND	U	ug/Kg	1.1	5.4	1	
1634-04-4	Methyl tert-butyl Ether	ND	U	ug/Kg	1.0	5.4	1	
79-20-9	Methyl Acetate	ND	U	ug/Kg	1.6	5.4	1	
75-09-2	Methylene Chloride	ND	U	ug/Kg	1.5	5.4	1	
156-60-5	trans-1,2-Dichloroethene	ND	U	ug/Kg	0.74	5.4	1	
75-34-3	1,1-Dichloroethane	ND	U	ug/Kg	1.0	5.4	1	
110-82-7	Cyclohexane	ND	U	ug/Kg	1.1	5.4	1	
78-93-3	2-Butanone	ND	U	ug/Kg	3.3	27	1	
56-23-5	Carbon Tetrachloride	ND	U	ug/Kg	1.1	5.4	1	
156-59-2	cis-1,2-Dichloroethene	ND	U	ug/Kg	0.95	5.4	1	
67-66-3	Chloroform	ND	U	ug/Kg	0.79	5.4	1	
71-55-6	1,1,1-Trichloroethane	ND	U	ug/Kg	0.94	5.4	1	
108-87-2	Methylcyclohexane	ND	U	ug/Kg	1.1	5.4	1	
71-43-2	Benzene	ND	U	ug/Kg	0.41	5.4	1	
107-06-2	1,2-Dichloroethane	ND	U	ug/Kg	0.69	5.4	1	
79-01-6	Trichloroethene	ND	U	ug/Kg	0.92	5.4	1	
78-87-5	1,2-Dichloropropane	ND	U	ug/Kg	0.28	5.4	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	VOC-TCL	Lab Sample ID :	B3967-03
SDG ID :	B3967	Customer Sample No. :	SB-3
% Moisture :	6	Analytical Method :	EPA SW846 8260
DataFile :	VK041483.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-27-4	Bromodichloromethane	ND	U	ug/Kg	0.66	5.4	1	
108-10-1	4-Methyl-2-Pentanone	ND	U	ug/Kg	3.1	27	1	
108-88-3	Toluene	ND	U	ug/Kg	0.69	5.4	1	
10061-02-6	t-1,3-Dichloropropene	ND	U	ug/Kg	0.85	5.4	1	
10061-01-5	cis-1,3-Dichloropropene	ND	U	ug/Kg	0.77	5.4	1	
79-00-5	1,1,2-Trichloroethane	ND	U	ug/Kg	0.97	5.4	1	
591-78-6	2-Hexanone	ND	U	ug/Kg	4.2	27	1	
124-48-1	Dibromochloromethane	ND	U	ug/Kg	0.58	5.4	1	
106-93-4	1,2-Dibromoethane	ND	U	ug/Kg	0.69	5.4	1	
127-18-4	Tetrachloroethene	ND	U	ug/Kg	1.1	5.4	1	
108-90-7	Chlorobenzene	ND	U	ug/Kg	0.54	5.4	1	
100-41-4	Ethyl Benzene	ND	U	ug/Kg	0.66	5.4	1	
179601-23-1	m/p-Xylenes	ND	U	ug/Kg	0.77	11	1	
95-47-6	o-Xylene	ND	U	ug/Kg	0.73	5.4	1	
100-42-5	Styrene	ND	U	ug/Kg	0.48	5.4	1	
75-25-2	Bromoform	ND	U	ug/Kg	0.79	5.4	1	
98-82-8	Isopropylbenzene	ND	U	ug/Kg	0.51	5.4	1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/Kg	0.49	5.4	1	
541-73-1	1,3-Dichlorobenzene	ND	U	ug/Kg	0.40	5.4	1	
106-46-7	1,4-Dichlorobenzene	ND	U	ug/Kg	0.44	5.4	1	
95-50-1	1,2-Dichlorobenzene	ND	U	ug/Kg	0.66	5.4	1	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	ug/Kg	0.93	5.4	1	
120-82-1	1,2,4-Trichlorobenzene	ND	U	ug/Kg	0.75	5.4	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	Pesticide-TCL	Lab Sample ID :	B3967-03DL
SDG ID :	B3967	Customer Sample No. :	SB-3DL
% Moisture :	6	Analytical Method :	EPA SW-846 8081
DataFile :	P1023146.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
319-84-6	alpha-BHC	ND	UD	ug/Kg	2.8	36	20	DIL
319-85-7	beta-BHC	ND	UD	ug/Kg	3.8	36	20	DIL
319-86-8	delta-BHC	ND	UD	ug/Kg	2.1	36	20	DIL
58-89-9	gamma-BHC	ND	UD	ug/Kg	3.2	36	20	DIL
76-44-8	Heptachlor	ND	UD	ug/Kg	3.0	36	20	DIL
309-00-2	Aldrin	ND	UD	ug/Kg	2.1	36	20	DIL
1024-57-3	Heptachlor epoxide	ND	UD	ug/Kg	3.4	36	20	DIL
959-98-8	Endosulfan I	ND	UD	ug/Kg	3.2	36	20	DIL
60-57-1	Dieldrin	ND	UD	ug/Kg	2.8	36	20	DIL
72-55-9	4,4-DDE	450	D	ug/Kg	4.3	36	20	DIL
72-20-8	Endrin	460	DP	ug/Kg	3.8	36	20	DIL
33213-65-9	Endosulfan II	ND	UD	ug/Kg	3.0	36	20	DIL
72-54-8	4,4-DDD	ND	UD	ug/Kg	3.6	36	20	DIL
1031-07-8	Endosulfan Sulfate	ND	UD	ug/Kg	3.2	36	20	DIL
50-29-3	4,4-DDT	440	D	ug/Kg	3.0	36	20	DIL
72-43-5	Methoxychlor	ND	UD	ug/Kg	3.6	36	20	DIL
53494-70-5	Endrin ketone	ND	UD	ug/Kg	2.8	36	20	DIL
7421-93-4	Endrin aldehyde	ND	UD	ug/Kg	3.2	36	20	DIL
5103-71-9	alpha-Chlordane	ND	UD	ug/Kg	3.0	36	20	DIL
5103-74-2	gamma-Chlordane	ND	UD	ug/Kg	2.8	36	20	DIL
8001-35-2	Toxaphene	ND	UD	ug/Kg	72	360	20	DIL

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	Mercury	Lab Sample ID :	B3967-04
SDG ID :	B3967	Customer Sample No. :	SB-4
% Moisture :	9.599998	Analytical Method :	EPA SW-846 7471 - HG
DataFile :	LB52195.PRN	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
7439-97-6	Mercury	0.435		mg/Kg	0.002	0.011	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	Metals ICP-TAL	Lab Sample ID :	B3967-04
SDG ID :	B3967	Customer Sample No. :	SB-4
% Moisture :	9.599998	Analytical Method :	EPA SW-846 6010 - ICP4
DataFile :	LB52194.txt	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
7429-90-5	Aluminum	4200		mg/Kg	0.70	4.190	1	
7440-36-0	Antimony	ND	U	mg/Kg	0.47	2.100	1	
7440-38-2	Arsenic	1.090		mg/Kg	0.28	0.84	1	
7440-39-3	Barium	128		mg/Kg	0.34	4.190	1	
7440-41-7	Beryllium	0.34		mg/Kg	0.05	0.25	1	
7440-43-9	Cadmium	ND	U	mg/Kg	0.05	0.25	1	
7440-70-2	Calcium	7790		mg/Kg	0.90	83.8	1	
7440-47-3	Chromium	14.4		mg/Kg	0.11	0.42	1	
7440-48-4	Cobalt	5.790		mg/Kg	0.48	1.260	1	
7440-50-8	Copper	18.7		mg/Kg	0.27	0.84	1	
7439-89-6	Iron	13800		mg/Kg	1.110	4.190	1	
7439-92-1	Lead	148		mg/Kg	0.10	0.50	1	
7439-95-4	Magnesium	2720		mg/Kg	3.840	83.8	1	
7439-96-5	Manganese	261		mg/Kg	0.16	0.84	1	
7440-02-0	Nickel	12.7		mg/Kg	0.39	1.680	1	
7440-09-7	Potassium	1530		mg/Kg	2.930	83.8	1	
7782-49-2	Selenium	1.050		mg/Kg	0.34	0.84	1	
7440-22-4	Silver	0.42	J	mg/Kg	0.13	0.42	1	
7440-23-5	Sodium	305		mg/Kg	2.110	83.8	1	
7440-28-0	Thallium	ND	U	mg/Kg	0.23	1.680	1	
7440-62-2	Vanadium	21.1		mg/Kg	0.49	1.680	1	
7440-66-6	Zinc	198		mg/Kg	0.59	1.680	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	PCB	Lab Sample ID :	B3967-04
SDG ID :	B3967	Customer Sample No. :	SB-4
% Moisture :	10	Analytical Method :	EPA SW-846 8082
DataFile :	P6043274.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	U	ug/Kg	3.9	19	1	
11104-28-2	Aroclor-1221	ND	U	ug/Kg	3.8	19	1	
11141-16-5	Aroclor-1232	ND	U	ug/Kg	8.3	19	1	
53469-21-9	Aroclor-1242	ND	U	ug/Kg	3.8	19	1	
12672-29-6	Aroclor-1248	ND	U	ug/Kg	7.3	19	1	
11097-69-1	Aroclor-1254	ND	U	ug/Kg	1.7	19	1	
11096-82-5	Aroclor-1260	ND	U	ug/Kg	4.6	19	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	Pesticide-TCL	Lab Sample ID :	B3967-04
SDG ID :	B3967	Customer Sample No. :	SB-4
% Moisture :	10	Analytical Method :	EPA SW-846 8081
DataFile :	P1023145.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
319-84-6	alpha-BHC	ND	U	ug/Kg	0.14	1.9	1	
319-85-7	beta-BHC	ND	U	ug/Kg	0.20	1.9	1	
319-86-8	delta-BHC	ND	U	ug/Kg	0.11	1.9	1	
58-89-9	gamma-BHC	ND	U	ug/Kg	0.17	1.9	1	
76-44-8	Heptachlor	ND	U	ug/Kg	0.16	1.9	1	
309-00-2	Aldrin	ND	U	ug/Kg	0.11	1.9	1	
1024-57-3	Heptachlor epoxide	ND	U	ug/Kg	0.18	1.9	1	
959-98-8	Endosulfan I	ND	U	ug/Kg	0.17	1.9	1	
60-57-1	Dieldrin	ND	U	ug/Kg	0.14	1.9	1	
72-55-9	4,4-DDE	180	EP	ug/Kg	0.22	1.9	1	
72-20-8	Endrin	1800	EP	ug/Kg	0.20	1.9	1	
33213-65-9	Endosulfan II	ND	U	ug/Kg	0.16	1.9	1	
72-54-8	4,4-DDD	ND	U	ug/Kg	0.19	1.9	1	
1031-07-8	Endosulfan Sulfate	ND	U	ug/Kg	0.17	1.9	1	
50-29-3	4,4-DDT	2900	E	ug/Kg	0.16	1.9	1	
72-43-5	Methoxychlor	ND	U	ug/Kg	0.19	1.9	1	
53494-70-5	Endrin ketone	ND	U	ug/Kg	0.14	1.9	1	
7421-93-4	Endrin aldehyde	ND	U	ug/Kg	0.17	1.9	1	
5103-71-9	alpha-Chlordane	ND	U	ug/Kg	0.16	1.9	1	
5103-74-2	gamma-Chlordane	ND	U	ug/Kg	0.14	1.9	1	
8001-35-2	Toxaphene	ND	U	ug/Kg	3.8	19	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	SVOC-TCL BNA	Lab Sample ID :	B3967-04
SDG ID :	B3967	Customer Sample No. :	SB-4
% Moisture :	10	Analytical Method :	EPA SW-846 8270
DataFile :	BF041109.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
100-52-7	Benzaldehyde	ND	U	ug/Kg	19	370	1	
108-95-2	Phenol	ND	U	ug/Kg	8.5	370	1	
111-44-4	bis(2-Chloroethyl)ether	ND	U	ug/Kg	18	370	1	
95-57-8	2-Chlorophenol	ND	U	ug/Kg	20	370	1	
95-48-7	2-Methylphenol	ND	U	ug/Kg	20	370	1	
108-60-1	2,2-oxybis(1-Chloropropane)	ND	U	ug/Kg	15	370	1	
98-86-2	Acetophenone	ND	U	ug/Kg	11	370	1	
65794-96-9	3+4-Methylphenols	ND	U	ug/Kg	19	370	1	
621-64-7	N-Nitroso-di-n-propylamine	ND	U	ug/Kg	19	370	1	
67-72-1	Hexachloroethane	ND	U	ug/Kg	17	370	1	
98-95-3	Nitrobenzene	ND	U	ug/Kg	14	370	1	
78-59-1	Isophorone	ND	U	ug/Kg	12	370	1	
88-75-5	2-Nitrophenol	ND	U	ug/Kg	18	370	1	
105-67-9	2,4-Dimethylphenol	ND	U	ug/Kg	21	370	1	
111-91-1	bis(2-Chloroethoxy)methane	ND	U	ug/Kg	21	370	1	
120-83-2	2,4-Dichlorophenol	ND	U	ug/Kg	14	370	1	
91-20-3	Naphthalene	ND	U	ug/Kg	13	370	1	
106-47-8	4-Chloroaniline	ND	U	ug/Kg	26	370	1	
87-68-3	Hexachlorobutadiene	ND	U	ug/Kg	13	370	1	
105-60-2	Caprolactam	ND	U	ug/Kg	17	370	1	
59-50-7	4-Chloro-3-methylphenol	ND	U	ug/Kg	16	370	1	
91-57-6	2-Methylnaphthalene	ND	U	ug/Kg	9.3	370	1	
77-47-4	Hexachlorocyclopentadiene	ND	U	ug/Kg	9.0	370	1	
88-06-2	2,4,6-Trichlorophenol	ND	U	ug/Kg	11	370	1	
95-95-4	2,4,5-Trichlorophenol	ND	U	ug/Kg	26	370	1	
92-52-4	1,1-Biphenyl	ND	U	ug/Kg	14	370	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	SVOC-TCL BNA	Lab Sample ID :	B3967-04
SDG ID :	B3967	Customer Sample No. :	SB-4
% Moisture :	10	Analytical Method :	EPA SW-846 8270
DataFile :	BF041109.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
91-58-7	2-Chloronaphthalene	ND	U	ug/Kg	8.4	370	1	
88-74-4	2-Nitroaniline	ND	U	ug/Kg	16	370	1	
131-11-3	Dimethylphthalate	230	J	ug/Kg	10	370	1	
208-96-8	Acenaphthylene	ND	U	ug/Kg	9.3	370	1	
606-20-2	2,6-Dinitrotoluene	ND	U	ug/Kg	15	370	1	
99-09-2	3-Nitroaniline	ND	U	ug/Kg	24	370	1	
83-32-9	Acenaphthene	ND	U	ug/Kg	10	370	1	
51-28-5	2,4-Dinitrophenol	ND	U	ug/Kg	38	370	1	
100-02-7	4-Nitrophenol	ND	U	ug/Kg	69	370	1	
132-64-9	Dibenzofuran	ND	U	ug/Kg	14	370	1	
121-14-2	2,4-Dinitrotoluene	ND	U	ug/Kg	11	370	1	
84-66-2	Diethylphthalate	ND	U	ug/Kg	5.8	370	1	
7005-72-3	4-Chlorophenyl-phenylether	ND	U	ug/Kg	20	370	1	
86-73-7	Fluorene	ND	U	ug/Kg	14	370	1	
100-01-6	4-Nitroaniline	ND	U	ug/Kg	48	370	1	
534-52-1	4,6-Dinitro-2-methylphenol	ND	U	ug/Kg	21	370	1	
86-30-6	N-Nitrosodiphenylamine	ND	U	ug/Kg	8.9	370	1	
101-55-3	4-Bromophenyl-phenylether	ND	U	ug/Kg	7.2	370	1	
118-74-1	Hexachlorobenzene	ND	U	ug/Kg	15	370	1	
1912-24-9	Atrazine	ND	U	ug/Kg	20	370	1	
87-86-5	Pentachlorophenol	ND	U	ug/Kg	25	370	1	
85-01-8	Phenanthrene	260	J	ug/Kg	10	370	1	
120-12-7	Anthracene	57	J	ug/Kg	7.5	370	1	
86-74-8	Carbazole	ND	U	ug/Kg	8.1	370	1	
84-74-2	Di-n-butylphthalate	ND	U	ug/Kg	29	370	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	SVOC-TCL BNA	Lab Sample ID :	B3967-04
SDG ID :	B3967	Customer Sample No. :	SB-4
% Moisture :	10	Analytical Method :	EPA SW-846 8270
DataFile :	BF041109.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
206-44-0	Fluoranthene	540		ug/Kg	7.4	370	1	
129-00-0	Pyrene	450		ug/Kg	8.9	370	1	
85-68-7	Butylbenzylphthalate	110	J	ug/Kg	18	370	1	
91-94-1	3,3-Dichlorobenzidine	ND	U	ug/Kg	24	370	1	
56-55-3	Benzo(a)anthracene	260	J	ug/Kg	18	370	1	
218-01-9	Chrysene	260	J	ug/Kg	17	370	1	
117-81-7	bis(2-Ethylhexyl)phthalate	130	J	ug/Kg	13	370	1	
117-84-0	Di-n-octyl phthalate	ND	U	ug/Kg	4.2	370	1	
205-99-2	Benzo(b)fluoranthene	340	J	ug/Kg	12	370	1	
207-08-9	Benzo(k)fluoranthene	110	J	ug/Kg	17	370	1	
50-32-8	Benzo(a)pyrene	250	J	ug/Kg	8.0	370	1	
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	ug/Kg	12	370	1	
53-70-3	Dibenz(a,h)anthracene	ND	U	ug/Kg	11	370	1	
191-24-2	Benzo(g,h,i)perylene	170	J	ug/Kg	15	370	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	VOC-TCL	Lab Sample ID :	B3967-04
SDG ID :	B3967	Customer Sample No. :	SB-4
% Moisture :	10	Analytical Method :	EPA SW846 8260
DataFile :	VK041484.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-71-8	Dichlorodifluoromethane	ND	U	ug/Kg	0.72	5.5	1	
74-87-3	Chloromethane	ND	U	ug/Kg	0.95	5.5	1	
75-01-4	Vinyl Chloride	ND	U	ug/Kg	1.4	5.5	1	
74-83-9	Bromomethane	ND	U	ug/Kg	2.7	5.5	1	
75-00-3	Chloroethane	ND	U	ug/Kg	1.5	5.5	1	
75-69-4	Trichlorofluoromethane	ND	U	ug/Kg	1.5	5.5	1	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	ug/Kg	1.5	5.5	1	
75-35-4	1,1-Dichloroethene	ND	U	ug/Kg	1.6	5.5	1	
67-64-1	Acetone	ND	U	ug/Kg	3.3	28	1	
75-15-0	Carbon Disulfide	ND	U	ug/Kg	1.2	5.5	1	
1634-04-4	Methyl tert-butyl Ether	ND	U	ug/Kg	1.1	5.5	1	
79-20-9	Methyl Acetate	ND	U	ug/Kg	1.7	5.5	1	
75-09-2	Methylene Chloride	ND	U	ug/Kg	1.6	5.5	1	
156-60-5	trans-1,2-Dichloroethene	ND	U	ug/Kg	0.76	5.5	1	
75-34-3	1,1-Dichloroethane	ND	U	ug/Kg	1.0	5.5	1	
110-82-7	Cyclohexane	ND	U	ug/Kg	1.1	5.5	1	
78-93-3	2-Butanone	ND	U	ug/Kg	3.4	28	1	
56-23-5	Carbon Tetrachloride	ND	U	ug/Kg	1.1	5.5	1	
156-59-2	cis-1,2-Dichloroethene	ND	U	ug/Kg	0.98	5.5	1	
67-66-3	Chloroform	ND	U	ug/Kg	0.82	5.5	1	
71-55-6	1,1,1-Trichloroethane	ND	U	ug/Kg	0.97	5.5	1	
108-87-2	Methylcyclohexane	ND	U	ug/Kg	1.2	5.5	1	
71-43-2	Benzene	ND	U	ug/Kg	0.42	5.5	1	
107-06-2	1,2-Dichloroethane	ND	U	ug/Kg	0.71	5.5	1	
79-01-6	Trichloroethene	ND	U	ug/Kg	0.95	5.5	1	
78-87-5	1,2-Dichloropropane	ND	U	ug/Kg	0.29	5.5	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	VOC-TCL	Lab Sample ID :	B3967-04
SDG ID :	B3967	Customer Sample No. :	SB-4
% Moisture :	10	Analytical Method :	EPA SW846 8260
DataFile :	VK041484.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-27-4	Bromodichloromethane	ND	U	ug/Kg	0.68	5.5	1	
108-10-1	4-Methyl-2-Pentanone	ND	U	ug/Kg	3.2	28	1	
108-88-3	Toluene	ND	U	ug/Kg	0.71	5.5	1	
10061-02-6	t-1,3-Dichloropropene	ND	U	ug/Kg	0.87	5.5	1	
10061-01-5	cis-1,3-Dichloropropene	ND	U	ug/Kg	0.80	5.5	1	
79-00-5	1,1,2-Trichloroethane	ND	U	ug/Kg	0.99	5.5	1	
591-78-6	2-Hexanone	ND	U	ug/Kg	4.3	28	1	
124-48-1	Dibromochloromethane	ND	U	ug/Kg	0.60	5.5	1	
106-93-4	1,2-Dibromoethane	ND	U	ug/Kg	0.71	5.5	1	
127-18-4	Tetrachloroethene	1.2	J	ug/Kg	1.1	5.5	1	
108-90-7	Chlorobenzene	ND	U	ug/Kg	0.55	5.5	1	
100-41-4	Ethyl Benzene	ND	U	ug/Kg	0.68	5.5	1	
179601-23-1	m/p-Xylenes	ND	U	ug/Kg	0.80	11	1	
95-47-6	o-Xylene	ND	U	ug/Kg	0.75	5.5	1	
100-42-5	Styrene	ND	U	ug/Kg	0.50	5.5	1	
75-25-2	Bromoform	ND	U	ug/Kg	0.82	5.5	1	
98-82-8	Isopropylbenzene	ND	U	ug/Kg	0.53	5.5	1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/Kg	0.51	5.5	1	
541-73-1	1,3-Dichlorobenzene	ND	U	ug/Kg	0.41	5.5	1	
106-46-7	1,4-Dichlorobenzene	ND	U	ug/Kg	0.45	5.5	1	
95-50-1	1,2-Dichlorobenzene	ND	U	ug/Kg	0.68	5.5	1	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	ug/Kg	0.96	5.5	1	
120-82-1	1,2,4-Trichlorobenzene	ND	U	ug/Kg	0.77	5.5	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	Pesticide-TCL	Lab Sample ID :	B3967-04DL
SDG ID :	B3967	Customer Sample No. :	SB-4DL
% Moisture :	10	Analytical Method :	EPA SW-846 8081
DataFile :	P1023148.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
319-84-6	alpha-BHC	ND	UD	ug/Kg	7.2	94	50	DIL
319-85-7	beta-BHC	ND	UD	ug/Kg	10	94	50	DIL
319-86-8	delta-BHC	ND	UD	ug/Kg	5.5	94	50	DIL
58-89-9	gamma-BHC	ND	UD	ug/Kg	8.3	94	50	DIL
76-44-8	Heptachlor	ND	UD	ug/Kg	7.8	94	50	DIL
309-00-2	Aldrin	ND	UD	ug/Kg	5.5	94	50	DIL
1024-57-3	Heptachlor epoxide	ND	UD	ug/Kg	8.9	94	50	DIL
959-98-8	Endosulfan I	ND	UD	ug/Kg	8.3	94	50	DIL
60-57-1	Dieldrin	ND	UD	ug/Kg	7.2	94	50	DIL
72-55-9	4,4-DDE	130	D	ug/Kg	11	94	50	DIL
72-20-8	Endrin	1600	DP	ug/Kg	10	94	50	DIL
33213-65-9	Endosulfan II	ND	UD	ug/Kg	7.8	94	50	DIL
72-54-8	4,4-DDD	ND	UD	ug/Kg	9.4	94	50	DIL
1031-07-8	Endosulfan Sulfate	ND	UD	ug/Kg	8.3	94	50	DIL
50-29-3	4,4-DDT	3200	ED	ug/Kg	7.8	94	50	DIL
72-43-5	Methoxychlor	ND	UD	ug/Kg	9.4	94	50	DIL
53494-70-5	Endrin ketone	ND	UD	ug/Kg	7.2	94	50	DIL
7421-93-4	Endrin aldehyde	ND	UD	ug/Kg	8.3	94	50	DIL
5103-71-9	alpha-Chlordane	ND	UD	ug/Kg	7.8	94	50	DIL
5103-74-2	gamma-Chlordane	ND	UD	ug/Kg	7.2	94	50	DIL
8001-35-2	Toxaphene	ND	UD	ug/Kg	190	940	50	DIL

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/21/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	Pesticide-TCL	Lab Sample ID :	B3967-04DL2
SDG ID :	B3967	Customer Sample No. :	SB-4DL2
% Moisture :	10	Analytical Method :	EPA SW-846 8081
DataFile :	P1023149.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
319-84-6	alpha-BHC	ND	UD	ug/Kg	14	190	100	DIL
319-85-7	beta-BHC	ND	UD	ug/Kg	20	190	100	DIL
319-86-8	delta-BHC	ND	UD	ug/Kg	11	190	100	DIL
58-89-9	gamma-BHC	ND	UD	ug/Kg	17	190	100	DIL
76-44-8	Heptachlor	ND	UD	ug/Kg	16	190	100	DIL
309-00-2	Aldrin	ND	UD	ug/Kg	11	190	100	DIL
1024-57-3	Heptachlor epoxide	ND	UD	ug/Kg	18	190	100	DIL
959-98-8	Endosulfan I	ND	UD	ug/Kg	17	190	100	DIL
60-57-1	Dieldrin	ND	UD	ug/Kg	14	190	100	DIL
72-55-9	4,4-DDE	110	JD	ug/Kg	22	190	100	DIL
72-20-8	Endrin	1400	DP	ug/Kg	20	190	100	DIL
33213-65-9	Endosulfan II	ND	UD	ug/Kg	16	190	100	DIL
72-54-8	4,4-DDD	ND	UD	ug/Kg	19	190	100	DIL
1031-07-8	Endosulfan Sulfate	ND	UD	ug/Kg	17	190	100	DIL
50-29-3	4,4-DDT	2700	D	ug/Kg	16	190	100	DIL
72-43-5	Methoxychlor	ND	UD	ug/Kg	19	190	100	DIL
53494-70-5	Endrin ketone	ND	UD	ug/Kg	14	190	100	DIL
7421-93-4	Endrin aldehyde	ND	UD	ug/Kg	17	190	100	DIL
5103-71-9	alpha-Chlordane	ND	UD	ug/Kg	16	190	100	DIL
5103-74-2	gamma-Chlordane	ND	UD	ug/Kg	14	190	100	DIL
8001-35-2	Toxaphene	ND	UD	ug/Kg	380	1900	100	DIL

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Report of Analysis

Client:	Warren & Panzer Engineers	Date Collected:	10/21/10
Project:	1661.01.02	Date Received:	10/21/10
Client Sample ID:	DISPOSAL	SDG No.:	B3967
Lab Sample ID:	B3967-05	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity (as pH)	10.42		1	0	0	0	pH	10/22/10	10/22/10	9045C
Ignitability	NO		1	0	0	0	o C	10/22/10	10/22/10	1030
Reactive Cyanide	10	U	1	10	10	10	mg/Kg	10/22/10	10/22/10	9012A
Reactive Sulfide	40	U	1	40	40	40	mg/Kg	10/22/10	10/22/10	9034

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/13/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	VOC-TCL	Lab Sample ID :	B3967-06
SDG ID :	B3967	Customer Sample No. :	TRIP
% Moisture :	100	Analytical Method :	EPA SW846 8260
DataFile :	VF024144.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-71-8	Dichlorodifluoromethane	ND	U	ug/L	0.55	5.0	1	
74-87-3	Chloromethane	ND	U	ug/L	0.54	5.0	1	
75-01-4	Vinyl Chloride	ND	U	ug/L	0.34	5.0	1	
74-83-9	Bromomethane	ND	U	ug/L	0.62	5.0	1	
75-00-3	Chloroethane	ND	U	ug/L	0.66	5.0	1	
75-69-4	Trichlorofluoromethane	ND	U	ug/L	0.35	5.0	1	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U	ug/L	0.45	5.0	1	
75-35-4	1,1-Dichloroethene	ND	U	ug/L	0.47	5.0	1	
67-64-1	Acetone	ND	U	ug/L	2.8	25	1	
75-15-0	Carbon Disulfide	ND	U	ug/L	0.54	5.0	1	
1634-04-4	Methyl tert-butyl Ether	ND	U	ug/L	0.35	5.0	1	
79-20-9	Methyl Acetate	ND	U	ug/L	0.83	5.0	1	
75-09-2	Methylene Chloride	ND	U	ug/L	0.41	5.0	1	
156-60-5	trans-1,2-Dichloroethene	ND	U	ug/L	0.41	5.0	1	
75-34-3	1,1-Dichloroethane	ND	U	ug/L	0.36	5.0	1	
110-82-7	Cyclohexane	ND	U	ug/L	0.55	5.0	1	
78-93-3	2-Butanone	ND	U	ug/L	1.3	25	1	
56-23-5	Carbon Tetrachloride	ND	U	ug/L	0.62	5.0	1	
156-59-2	cis-1,2-Dichloroethene	ND	U	ug/L	0.35	5.0	1	
67-66-3	Chloroform	ND	U	ug/L	0.34	5.0	1	
71-55-6	1,1,1-Trichloroethane	ND	U	ug/L	0.40	5.0	1	
108-87-2	Methylcyclohexane	ND	U	ug/L	0.68	5.0	1	
71-43-2	Benzene	ND	U	ug/L	0.32	5.0	1	
107-06-2	1,2-Dichloroethane	ND	U	ug/L	0.48	5.0	1	
79-01-6	Trichloroethene	ND	U	ug/L	0.28	5.0	1	
78-87-5	1,2-Dichloropropane	ND	U	ug/L	0.46	5.0	1	

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Report Of Analysis

Client :	Warren & Panzer Engineers	Date Collected :	10/13/10
Project Id :	1661.01.02	Date Received :	10/21/10
Test :	VOC-TCL	Lab Sample ID :	B3967-06
SDG ID :	B3967	Customer Sample No. :	TRIP
% Moisture :	100	Analytical Method :	EPA SW846 8260
DataFile :	VF024144.D	Result Type :	Final

CasNumber	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-27-4	Bromodichloromethane	ND	U	ug/L	0.36	5.0	1	
108-10-1	4-Methyl-2-Pentanone	ND	U	ug/L	2.1	25	1	
108-88-3	Toluene	ND	U	ug/L	0.37	5.0	1	
10061-02-6	t-1,3-Dichloropropene	ND	U	ug/L	0.29	5.0	1	
10061-01-5	cis-1,3-Dichloropropene	ND	U	ug/L	0.31	5.0	1	
79-00-5	1,1,2-Trichloroethane	ND	U	ug/L	0.38	5.0	1	
591-78-6	2-Hexanone	ND	U	ug/L	1.9	25	1	
124-48-1	Dibromochloromethane	ND	U	ug/L	0.52	5.0	1	
106-93-4	1,2-Dibromoethane	ND	U	ug/L	0.41	5.0	1	
127-18-4	Tetrachloroethene	ND	U	ug/L	0.27	5.0	1	
108-90-7	Chlorobenzene	ND	U	ug/L	0.49	5.0	1	
100-41-4	Ethyl Benzene	ND	U	ug/L	0.53	5.0	1	
179601-23-1	m/p-Xylenes	ND	U	ug/L	0.95	10	1	
95-47-6	o-Xylene	ND	U	ug/L	0.43	5.0	1	
100-42-5	Styrene	ND	U	ug/L	0.36	5.0	1	
75-25-2	Bromoform	ND	U	ug/L	0.47	5.0	1	
98-82-8	Isopropylbenzene	ND	U	ug/L	0.45	5.0	1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/L	0.31	5.0	1	
541-73-1	1,3-Dichlorobenzene	ND	U	ug/L	0.43	5.0	1	
106-46-7	1,4-Dichlorobenzene	ND	U	ug/L	0.32	5.0	1	
95-50-1	1,2-Dichlorobenzene	ND	U	ug/L	0.45	5.0	1	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	ug/L	0.46	5.0	1	
120-82-1	1,2,4-Trichlorobenzene	ND	U	ug/L	0.62	5.0	1	

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Page

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

Project #: B3967
10/22/2010 6:10:38 PM
End Of Report

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/29/2011

Laboratory Identifier: 1109412

Received: 9/22/2011 13:14
Sampled by: Greg Ernst

Client: ASSOCIATED ENVIRONMENTAL SERVICES, INC.

25 CENTRAL AVENUE
HAUPPAUGE,
NY 11788

Project: MYRTLE AVE

484-502 A Myrtle Ave
Brooklyn,
NY

Manager: Gregory Ernst

Respectfully submitted,

Juan R.Cuba - Technical Director

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
PA Cert. #002

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Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/29/2011

Volatiles - EPA 8260B

Sample: 1109412-1
Client Sample ID: B-1 (0-2')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 9/23/2011

Type: Grab

Collected: 9/21/2011 04:10
% Solid: 83.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
67-64-1	Acetone	A3810-1775	173	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3810-1775	134	ND	ug/Kg	U
67-66-3	Chloroform	A3810-1775	145	ND	ug/Kg	U
71-43-2	Benzene	A3810-1775	131	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3810-1775	142	ND	ug/Kg	U
74-83-9	Bromomethane	A3810-1775	152	ND	ug/Kg	U
74-87-3	Chloromethane	A3810-1775	118	ND	ug/Kg	U
74-95-3	Dibromomethane	A3810-1775	136	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3810-1775	136	ND	ug/Kg	U
75-00-3	Chloroethane	A3810-1775	215	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3810-1775	122	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3810-1775	161	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3810-1775	122	ND	ug/Kg	U
75-25-2	Bromoform	A3810-1775	121	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3810-1775	133	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3810-1775	150	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3810-1775	139	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3810-1775	139	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3810-1775	1210	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3810-1775	149	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3810-1775	119	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3810-1775	131	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3810-1775	133	ND	ug/Kg	U
78-93-3	2-Butanone	A3810-1775	113	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3810-1775	134	ND	ug/Kg	U
79-01-6	Trichloroethene	A3810-1775	140	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3810-1775	112	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3810-1775	92.4	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3810-1775	118	ND	ug/Kg	U
91-20-3	Naphthalene	A3810-1775	90.9	ND	ug/Kg	U
95-47-6	o-xylene	A3810-1775	127	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3810-1775	124	ND	ug/Kg	U

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/29/2011

Volatiles - EPA 8260B

Sample: 1109412-1
Client Sample ID: B-1 (0-2')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 9/23/2011

Type: Grab

Collected: 9/21/2011 04:10
% Solid: 83.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
95-50-1	1,2-Dichlorobenzene	A3810-1775	119	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3810-1775	125	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3810-1775	116	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3810-1775	112	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3810-1775	116	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3810-1775	127	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3810-1775	128	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3810-1775	121	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3810-1775	133	ND	ug/Kg	U
100-42-5	Styrene	A3810-1775	121	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3810-1775	121	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3810-1775	124	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3810-1775	115	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3810-1775	116	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3810-1775	116	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3810-1775	116	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3810-1775	145	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3810-1775	563	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3810-1775	128	ND	ug/Kg	U
108-38-3	m,p-xylene	A3810-1775	259	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3810-1775	122	ND	ug/Kg	U
108-86-1	Bromobenzene	A3810-1775	119	ND	ug/Kg	U
108-88-3	Toluene	A3810-1775	161	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3810-1775	128	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3810-1775	212	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3810-1775	99.8	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3810-1775	124	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3810-1775	125	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3810-1775	116	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3810-1775	124	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3810-1775	133	ND	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	A3810-1775	142	ND	ug/Kg	U

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/29/2011

Volatiles - EPA 8260B

Sample: 1109412-1
Client Sample ID: B-1 (0-2')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 9/23/2011

Type: Grab

Collected: 9/21/2011 04:10
% Solid: 83.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
541-73-1	1,3-Dichlorobenzene	A3810-1775	115	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3810-1775	119	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3810-1775	130	ND	ug/Kg	U
591-78-6	2-Hexanone	A3810-1775	90.9	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3810-1775	121	ND	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	A3810-1775	128	ND	ug/Kg	U
994-05-8	TAME	A3810-1775	128	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3810-1775	131	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3810-1775	130	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3810-1775	118	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3810-1775	83.9 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	A3810-1775	95.9 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	A3810-1775	91.5 %	(75 - 159)	
2037-26-5	TOLUENE-D8	A3810-1775	97.1 %	(74 - 136)	

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/29/2011

Volatiles - EPA 8260B

Sample: 1109412-2
Client Sample ID: B -1 (10-12')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 9/23/2011

Type: Grab

Collected: 9/21/2011 04:30
% Solid: 92.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
67-64-1	Acetone	A3810-1776	158	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3810-1776	122	ND	ug/Kg	U
67-66-3	Chloroform	A3810-1776	132	ND	ug/Kg	U
71-43-2	Benzene	A3810-1776	120	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3810-1776	129	ND	ug/Kg	U
74-83-9	Bromomethane	A3810-1776	139	ND	ug/Kg	U
74-87-3	Chloromethane	A3810-1776	107	ND	ug/Kg	U
74-95-3	Dibromomethane	A3810-1776	124	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3810-1776	124	ND	ug/Kg	U
75-00-3	Chloroethane	A3810-1776	196	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3810-1776	112	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3810-1776	147	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3810-1776	112	ND	ug/Kg	U
75-25-2	Bromoform	A3810-1776	110	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3810-1776	121	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3810-1776	137	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3810-1776	126	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3810-1776	126	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3810-1776	1100	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3810-1776	136	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3810-1776	109	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3810-1776	120	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3810-1776	121	ND	ug/Kg	U
78-93-3	2-Butanone	A3810-1776	103	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3810-1776	122	ND	ug/Kg	U
79-01-6	Trichloroethene	A3810-1776	128	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3810-1776	102	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3810-1776	84.3	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3810-1776	107	ND	ug/Kg	U
91-20-3	Naphthalene	A3810-1776	83.0	ND	ug/Kg	U
95-47-6	o-xylene	A3810-1776	116	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3810-1776	113	ND	ug/Kg	U

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9/29/2011

Volatiles - EPA 8260B

Sample: 1109412-2
Client Sample ID: B -1 (10-12')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 9/23/2011

Type: Grab

Collected: 9/21/2011 04:30
% Solid: 92.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
95-50-1	1,2-Dichlorobenzene	A3810-1776	109	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3810-1776	114	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3810-1776	106	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3810-1776	102	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3810-1776	106	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3810-1776	116	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3810-1776	117	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3810-1776	110	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3810-1776	121	ND	ug/Kg	U
100-42-5	Styrene	A3810-1776	110	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3810-1776	110	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3810-1776	113	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3810-1776	105	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3810-1776	106	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3810-1776	106	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3810-1776	106	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3810-1776	132	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3810-1776	514	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3810-1776	117	ND	ug/Kg	U
108-38-3	m,p-xylene	A3810-1776	237	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3810-1776	112	ND	ug/Kg	U
108-86-1	Bromobenzene	A3810-1776	109	ND	ug/Kg	U
108-88-3	Toluene	A3810-1776	147	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3810-1776	117	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3810-1776	193	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3810-1776	91.1	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3810-1776	113	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3810-1776	114	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3810-1776	106	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3810-1776	113	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3810-1776	121	ND	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	A3810-1776	129	ND	ug/Kg	U

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9/29/2011

Volatiles - EPA 8260B

Sample: 1109412-2
Client Sample ID: B -1 (10-12')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 9/23/2011

Type: Grab

Collected: 9/21/2011 04:30
% Solid: 92.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
541-73-1	1,3-Dichlorobenzene	A3810-1776	105	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3810-1776	109	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3810-1776	118	ND	ug/Kg	U
591-78-6	2-Hexanone	A3810-1776	83.0	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3810-1776	110	ND	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	A3810-1776	117	ND	ug/Kg	U
994-05-8	TAME	A3810-1776	117	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3810-1776	120	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3810-1776	118	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3810-1776	107	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3810-1776	82.2 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	A3810-1776	96.0 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	A3810-1776	90.3 %	(75 - 159)	
2037-26-5	TOLUENE-D8	A3810-1776	97.1 %	(74 - 136)	

Environmental Quality Services, Inc.
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9/29/2011

Volatiles - EPA 8260B

Sample: 1109412-3
Client Sample ID: B-2 (0-2')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 9/23/2011

Type: Grab

Collected: 9/21/2011 05:10
% Solid: 88.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
67-64-1	Acetone	A3810-1777	165	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3810-1777	128	ND	ug/Kg	U
67-66-3	Chloroform	A3810-1777	138	ND	ug/Kg	U
71-43-2	Benzene	A3810-1777	125	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3810-1777	135	ND	ug/Kg	U
74-83-9	Bromomethane	A3810-1777	145	ND	ug/Kg	U
74-87-3	Chloromethane	A3810-1777	112	ND	ug/Kg	U
74-95-3	Dibromomethane	A3810-1777	129	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3810-1777	129	ND	ug/Kg	U
75-00-3	Chloroethane	A3810-1777	204	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3810-1777	116	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3810-1777	153	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3810-1777	116	ND	ug/Kg	U
75-25-2	Bromoform	A3810-1777	115	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3810-1777	126	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3810-1777	143	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3810-1777	132	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3810-1777	132	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3810-1777	1150	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3810-1777	142	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3810-1777	114	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3810-1777	125	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3810-1777	126	ND	ug/Kg	U
78-93-3	2-Butanone	A3810-1777	108	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3810-1777	128	ND	ug/Kg	U
79-01-6	Trichloroethene	A3810-1777	133	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3810-1777	106	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3810-1777	88.0	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3810-1777	112	ND	ug/Kg	U
91-20-3	Naphthalene	A3810-1777	86.6	ND	ug/Kg	U
95-47-6	o-xylene	A3810-1777	121	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3810-1777	118	ND	ug/Kg	U

Environmental Quality Services, Inc.
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Phone - 631-249-1456 Fax - 631-249-8344

9/29/2011

Volatiles - EPA 8260B

Sample: 1109412-3
Client Sample ID: B-2 (0-2')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 9/23/2011

Type: Grab

Collected: 9/21/2011 05:10
% Solid: 88.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
95-50-1	1,2-Dichlorobenzene	A3810-1777	114	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3810-1777	119	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3810-1777	111	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3810-1777	106	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3810-1777	111	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3810-1777	121	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3810-1777	122	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3810-1777	115	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3810-1777	126	ND	ug/Kg	U
100-42-5	Styrene	A3810-1777	115	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3810-1777	115	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3810-1777	118	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3810-1777	109	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3810-1777	111	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3810-1777	111	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3810-1777	111	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3810-1777	138	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3810-1777	537	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3810-1777	122	ND	ug/Kg	U
108-38-3	m,p-xylene	A3810-1777	247	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3810-1777	116	ND	ug/Kg	U
108-86-1	Bromobenzene	A3810-1777	114	ND	ug/Kg	U
108-88-3	Toluene	A3810-1777	153	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3810-1777	122	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3810-1777	202	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3810-1777	95.1	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3810-1777	118	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3810-1777	119	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3810-1777	111	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3810-1777	118	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3810-1777	126	ND	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	A3810-1777	135	ND	ug/Kg	U

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/29/2011

Volatiles - EPA 8260B

Sample: 1109412-3
Client Sample ID: B-2 (0-2')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 9/23/2011

Type: Grab

Collected: 9/21/2011 05:10
% Solid: 88.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
541-73-1	1,3-Dichlorobenzene	A3810-1777	109	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3810-1777	114	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3810-1777	124	ND	ug/Kg	U
591-78-6	2-Hexanone	A3810-1777	86.6	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3810-1777	115	ND	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	A3810-1777	122	ND	ug/Kg	U
994-05-8	TAME	A3810-1777	122	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3810-1777	125	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3810-1777	124	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3810-1777	112	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3810-1777	82.8 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	A3810-1777	96.5 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	A3810-1777	91.2 %	(75 - 159)	
2037-26-5	TOLUENE-D8	A3810-1777	98.3 %	(74 - 136)	

Environmental Quality Services, Inc.
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9/29/2011

Volatiles - EPA 8260B

Sample: 1109412-4
Client Sample ID: B-2 (8-10')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 9/23/2011

Type: Grab

Collected: 9/21/2011 05:30
% Solid: 90.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
67-64-1	Acetone	A3810-1778	160	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3810-1778	124	ND	ug/Kg	U
67-66-3	Chloroform	A3810-1778	134	ND	ug/Kg	U
71-43-2	Benzene	A3810-1778	121	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3810-1778	131	ND	ug/Kg	U
74-83-9	Bromomethane	A3810-1778	141	ND	ug/Kg	U
74-87-3	Chloromethane	A3810-1778	109	ND	ug/Kg	U
74-95-3	Dibromomethane	A3810-1778	126	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3810-1778	126	ND	ug/Kg	U
75-00-3	Chloroethane	A3810-1778	199	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3810-1778	113	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3810-1778	149	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3810-1778	113	ND	ug/Kg	U
75-25-2	Bromoform	A3810-1778	112	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3810-1778	123	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3810-1778	139	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3810-1778	128	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3810-1778	128	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3810-1778	1120	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3810-1778	138	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3810-1778	110	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3810-1778	121	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3810-1778	123	ND	ug/Kg	U
78-93-3	2-Butanone	A3810-1778	105	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3810-1778	124	ND	ug/Kg	U
79-01-6	Trichloroethene	A3810-1778	130	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3810-1778	104	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3810-1778	85.6	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3810-1778	109	ND	ug/Kg	U
91-20-3	Naphthalene	A3810-1778	84.2	ND	ug/Kg	U
95-47-6	o-xylene	A3810-1778	117	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3810-1778	115	ND	ug/Kg	U

Environmental Quality Services, Inc.
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9/29/2011

Volatiles - EPA 8260B

Sample: 1109412-4
Client Sample ID: B-2 (8-10')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 9/23/2011

Type: Grab

Collected: 9/21/2011 05:30
% Solid: 90.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
95-50-1	1,2-Dichlorobenzene	A3810-1778	110	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3810-1778	116	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3810-1778	108	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3810-1778	104	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3810-1778	108	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3810-1778	117	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3810-1778	119	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3810-1778	112	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3810-1778	123	ND	ug/Kg	U
100-42-5	Styrene	A3810-1778	112	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3810-1778	112	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3810-1778	115	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3810-1778	106	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3810-1778	108	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3810-1778	108	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3810-1778	108	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3810-1778	134	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3810-1778	522	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3810-1778	119	ND	ug/Kg	U
108-38-3	m,p-xylene	A3810-1778	240	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3810-1778	113	ND	ug/Kg	U
108-86-1	Bromobenzene	A3810-1778	110	ND	ug/Kg	U
108-88-3	Toluene	A3810-1778	149	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3810-1778	119	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3810-1778	196	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3810-1778	92.5	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3810-1778	115	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3810-1778	116	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3810-1778	108	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3810-1778	115	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3810-1778	123	ND	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	A3810-1778	131	ND	ug/Kg	U

Environmental Quality Services, Inc.
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Phone - 631-249-1456 Fax - 631-249-8344

9/29/2011

Volatiles - EPA 8260B

Sample: 1109412-4
Client Sample ID: B-2 (8-10')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 9/23/2011

Type: Grab

Collected: 9/21/2011 05:30
% Solid: 90.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
541-73-1	1,3-Dichlorobenzene	A3810-1778	106	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3810-1778	110	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3810-1778	120	ND	ug/Kg	U
591-78-6	2-Hexanone	A3810-1778	84.2	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3810-1778	112	ND	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	A3810-1778	119	ND	ug/Kg	U
994-05-8	TAME	A3810-1778	119	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3810-1778	121	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3810-1778	120	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3810-1778	109	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3810-1778	82.8 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	A3810-1778	95.5 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	A3810-1778	91.0 %	(75 - 159)	
2037-26-5	TOLUENE-D8	A3810-1778	96.6 %	(74 - 136)	

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/29/2011

Volatiles - EPA 8260B

Sample: 1109412-5
Client Sample ID: B-3 (0-2')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 9/23/2011

Type: Grab

Collected: 9/21/2011 03:00
% Solid: 92.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
67-64-1	Acetone	A3810-1779	157	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3810-1779	122	ND	ug/Kg	U
67-66-3	Chloroform	A3810-1779	131	ND	ug/Kg	U
71-43-2	Benzene	A3810-1779	119	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3810-1779	128	ND	ug/Kg	U
74-83-9	Bromomethane	A3810-1779	138	ND	ug/Kg	U
74-87-3	Chloromethane	A3810-1779	107	ND	ug/Kg	U
74-95-3	Dibromomethane	A3810-1779	123	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3810-1779	123	ND	ug/Kg	U
75-00-3	Chloroethane	A3810-1779	194	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3810-1779	111	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3810-1779	146	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3810-1779	111	ND	ug/Kg	U
75-25-2	Bromoform	A3810-1779	109	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3810-1779	120	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3810-1779	136	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3810-1779	126	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3810-1779	126	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3810-1779	1090	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3810-1779	135	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3810-1779	108	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3810-1779	119	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3810-1779	120	ND	ug/Kg	U
78-93-3	2-Butanone	A3810-1779	103	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3810-1779	122	ND	ug/Kg	U
79-01-6	Trichloroethene	A3810-1779	127	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3810-1779	101	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3810-1779	83.7	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3810-1779	107	ND	ug/Kg	U
91-20-3	Naphthalene	A3810-1779	82.3	ND	ug/Kg	U
95-47-6	o-xylene	A3810-1779	115	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3810-1779	112	ND	ug/Kg	U

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9/29/2011

Volatiles - EPA 8260B

Sample: 1109412-5
Client Sample ID: B-3 (0-2')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 9/23/2011

Type: Grab

Collected: 9/21/2011 03:00
% Solid: 92.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
95-50-1	1,2-Dichlorobenzene	A3810-1779	108	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3810-1779	113	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3810-1779	105	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3810-1779	101	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3810-1779	105	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3810-1779	115	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3810-1779	116	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3810-1779	109	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3810-1779	120	ND	ug/Kg	U
100-42-5	Styrene	A3810-1779	109	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3810-1779	109	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3810-1779	112	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3810-1779	104	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3810-1779	105	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3810-1779	105	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3810-1779	105	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3810-1779	131	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3810-1779	510	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3810-1779	116	ND	ug/Kg	U
108-38-3	m,p-xylene	A3810-1779	235	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3810-1779	111	ND	ug/Kg	U
108-86-1	Bromobenzene	A3810-1779	108	ND	ug/Kg	U
108-88-3	Toluene	A3810-1779	146	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3810-1779	116	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3810-1779	192	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3810-1779	90.4	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3810-1779	112	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3810-1779	113	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3810-1779	105	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3810-1779	112	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3810-1779	120	ND	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	A3810-1779	128	ND	ug/Kg	U

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9/29/2011

Volatiles - EPA 8260B

Sample: 1109412-5
Client Sample ID: B-3 (0-2')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 9/23/2011

Type: Grab

Collected: 9/21/2011 03:00
% Solid: 92.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
541-73-1	1,3-Dichlorobenzene	A3810-1779	104	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3810-1779	108	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3810-1779	117	ND	ug/Kg	U
591-78-6	2-Hexanone	A3810-1779	82.3	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3810-1779	109	ND	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	A3810-1779	116	ND	ug/Kg	U
994-05-8	TAME	A3810-1779	116	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3810-1779	119	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3810-1779	117	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3810-1779	107	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3810-1779	81.6 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	A3810-1779	95.4 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	A3810-1779	89.9 %	(75 - 159)	
2037-26-5	TOLUENE-D8	A3810-1779	96.9 %	(74 - 136)	

Environmental Quality Services, Inc.
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9/29/2011

Volatiles - EPA 8260B

Sample: 1109412-6
Client Sample ID: B-3 (8-10')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 9/23/2011

Type: Grab

Collected: 9/21/2011 03:40
% Solid: 98.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
67-64-1	Acetone	A3810-1780	147	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3810-1780	114	ND	ug/Kg	U
67-66-3	Chloroform	A3810-1780	123	ND	ug/Kg	U
71-43-2	Benzene	A3810-1780	112	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3810-1780	121	ND	ug/Kg	U
74-83-9	Bromomethane	A3810-1780	130	ND	ug/Kg	U
74-87-3	Chloromethane	A3810-1780	100	ND	ug/Kg	U
74-95-3	Dibromomethane	A3810-1780	116	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3810-1780	116	ND	ug/Kg	U
75-00-3	Chloroethane	A3810-1780	183	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3810-1780	104	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3810-1780	137	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3810-1780	104	ND	ug/Kg	U
75-25-2	Bromoform	A3810-1780	103	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3810-1780	113	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3810-1780	128	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3810-1780	118	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3810-1780	118	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3810-1780	1030	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3810-1780	127	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3810-1780	102	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3810-1780	112	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3810-1780	113	ND	ug/Kg	U
78-93-3	2-Butanone	A3810-1780	96.5	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3810-1780	114	ND	ug/Kg	U
79-01-6	Trichloroethene	A3810-1780	119	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3810-1780	95.3	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3810-1780	78.7	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3810-1780	100	ND	ug/Kg	U
91-20-3	Naphthalene	A3810-1780	77.5	ND	ug/Kg	U
95-47-6	o-xylene	A3810-1780	108	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3810-1780	105	ND	ug/Kg	U

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9/29/2011

Volatiles - EPA 8260B

Sample: 1109412-6
Client Sample ID: B-3 (8-10')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 9/23/2011

Type: Grab

Collected: 9/21/2011 03:40
% Solid: 98.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
95-50-1	1,2-Dichlorobenzene	A3810-1780	102	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3810-1780	107	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3810-1780	99.1	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3810-1780	95.3	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3810-1780	99.1	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3810-1780	108	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3810-1780	109	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3810-1780	103	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3810-1780	113	ND	ug/Kg	U
100-42-5	Styrene	A3810-1780	103	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3810-1780	103	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3810-1780	105	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3810-1780	97.8	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3810-1780	99.1	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3810-1780	99.1	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3810-1780	99.1	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3810-1780	123	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3810-1780	480	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3810-1780	109	ND	ug/Kg	U
108-38-3	m,p-xylene	A3810-1780	221	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3810-1780	104	ND	ug/Kg	U
108-86-1	Bromobenzene	A3810-1780	102	ND	ug/Kg	U
108-88-3	Toluene	A3810-1780	137	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3810-1780	109	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3810-1780	180	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3810-1780	85.1	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3810-1780	105	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3810-1780	107	ND	ug/Kg	U
135-98-8	sec-Butylbenzene	A3810-1780	99.1	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3810-1780	105	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3810-1780	113	ND	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	A3810-1780	121	ND	ug/Kg	U

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/29/2011

Volatiles - EPA 8260B

Sample: 1109412-6
Client Sample ID: B-3 (8-10')
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 9/23/2011
Collected: 9/21/2011 03:40
% Solid: 98.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
541-73-1	1,3-Dichlorobenzene	A3810-1780	97.8	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3810-1780	102	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3810-1780	110	ND	ug/Kg	U
591-78-6	2-Hexanone	A3810-1780	77.5	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3810-1780	103	ND	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	A3810-1780	109	ND	ug/Kg	U
994-05-8	TAME	A3810-1780	109	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3810-1780	112	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3810-1780	110	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3810-1780	100	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3810-1780	82.4 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	A3810-1780	95.7 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	A3810-1780	89.9 %	(75 - 159)	
2037-26-5	TOLUENE-D8	A3810-1780	97.4 %	(74 - 136)	

Environmental Quality Services, Inc.
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9/29/2011

Volatiles - EPA 8260B

Sample: 1109412-7
Client Sample ID: B-4 (0-2')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 9/23/2011

Type: Grab

Collected: 9/21/2011 05:50
% Solid: 85.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
67-64-1	Acetone	A3810-1781	169	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3810-1781	131	ND	ug/Kg	U
67-66-3	Chloroform	A3810-1781	142	ND	ug/Kg	U
71-43-2	Benzene	A3810-1781	128	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3810-1781	139	ND	ug/Kg	U
74-83-9	Bromomethane	A3810-1781	149	ND	ug/Kg	U
74-87-3	Chloromethane	A3810-1781	115	ND	ug/Kg	U
74-95-3	Dibromomethane	A3810-1781	133	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3810-1781	133	ND	ug/Kg	U
75-00-3	Chloroethane	A3810-1781	210	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3810-1781	120	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3810-1781	158	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3810-1781	120	ND	ug/Kg	U
75-25-2	Bromoform	A3810-1781	118	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3810-1781	130	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3810-1781	147	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3810-1781	136	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3810-1781	136	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3810-1781	1180	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3810-1781	146	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3810-1781	117	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3810-1781	128	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3810-1781	130	ND	ug/Kg	U
78-93-3	2-Butanone	A3810-1781	111	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3810-1781	131	ND	ug/Kg	U
79-01-6	Trichloroethene	A3810-1781	137	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3810-1781	110	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3810-1781	90.5	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3810-1781	115	ND	ug/Kg	U
91-20-3	Naphthalene	A3810-1781	89.1	ND	ug/Kg	U
95-47-6	o-xylene	A3810-1781	124	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3810-1781	121	ND	ug/Kg	U

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9/29/2011

Volatiles - EPA 8260B

Sample: 1109412-7
Client Sample ID: B-4 (0-2')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 9/23/2011

Type: Grab

Collected: 9/21/2011 05:50
% Solid: 85.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
95-50-1	1,2-Dichlorobenzene	A3810-1781	117	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3810-1781	123	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3810-1781	114	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3810-1781	110	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3810-1781	114	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3810-1781	124	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3810-1781	126	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3810-1781	118	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3810-1781	130	ND	ug/Kg	U
100-42-5	Styrene	A3810-1781	118	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3810-1781	118	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3810-1781	121	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3810-1781	112	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3810-1781	114	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3810-1781	114	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3810-1781	114	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3810-1781	142	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3810-1781	552	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3810-1781	126	ND	ug/Kg	U
108-38-3	m,p-xylene	A3810-1781	254	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3810-1781	120	ND	ug/Kg	U
108-86-1	Bromobenzene	A3810-1781	117	ND	ug/Kg	U
108-88-3	Toluene	A3810-1781	158	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3810-1781	126	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3810-1781	207	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3810-1781	97.8	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3810-1781	121	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3810-1781	123	**1360**	ug/Kg	
135-98-8	sec-Butylbenzene	A3810-1781	114	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3810-1781	121	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3810-1781	130	ND	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	A3810-1781	139	ND	ug/Kg	U

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/29/2011

Volatiles - EPA 8260B

Sample: 1109412-7
Client Sample ID: B-4 (0-2')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 9/23/2011

Type: Grab

Collected: 9/21/2011 05:50
% Solid: 85.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
541-73-1	1,3-Dichlorobenzene	A3810-1781	112	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3810-1781	117	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3810-1781	127	ND	ug/Kg	U
591-78-6	2-Hexanone	A3810-1781	89.1	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3810-1781	118	ND	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	A3810-1781	126	ND	ug/Kg	U
994-05-8	TAME	A3810-1781	126	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3810-1781	128	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3810-1781	127	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3810-1781	115	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3810-1781	82.6 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	A3810-1781	94.4 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	A3810-1781	90.3 %	(75 - 159)	
2037-26-5	TOLUENE-D8	A3810-1781	95.8 %	(74 - 136)	

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9/29/2011

Volatiles - EPA 8260B

Sample: 1109412-8
Client Sample ID: B-4 (8-10')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 9/23/2011

Type: Grab

Collected: 9/21/2011 06:10
% Solid: 93.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
67-64-1	Acetone	A3810-1782	155	ND	ug/Kg	U
56-23-5	Carbon Tetrachloride	A3810-1782	121	ND	ug/Kg	U
67-66-3	Chloroform	A3810-1782	130	ND	ug/Kg	U
71-43-2	Benzene	A3810-1782	118	ND	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A3810-1782	127	ND	ug/Kg	U
74-83-9	Bromomethane	A3810-1782	137	ND	ug/Kg	U
74-87-3	Chloromethane	A3810-1782	106	ND	ug/Kg	U
74-95-3	Dibromomethane	A3810-1782	122	ND	ug/Kg	U
74-97-5	Bromochloromethane	A3810-1782	122	ND	ug/Kg	U
75-00-3	Chloroethane	A3810-1782	193	ND	ug/Kg	U
75-01-4	Vinyl Chloride	A3810-1782	110	ND	ug/Kg	U
75-09-2	Methylene Chloride	A3810-1782	145	ND	ug/Kg	U
75-15-0	Carbon disulfide	A3810-1782	110	ND	ug/Kg	U
75-25-2	Bromoform	A3810-1782	109	ND	ug/Kg	U
75-27-4	Bromodichloromethane	A3810-1782	119	ND	ug/Kg	U
75-34-3	1,1-Dichloroethane	A3810-1782	135	ND	ug/Kg	U
75-35-4	1,1-Dichloroethene	A3810-1782	125	ND	ug/Kg	U
75-45-6	Chlorodifluoromethane	A3810-1782	125	ND	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A3810-1782	1090	ND	ug/Kg	U
75-69-4	Trichlorofluoromethane	A3810-1782	134	ND	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A3810-1782	107	ND	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A3810-1782	118	ND	ug/Kg	U
78-87-5	1,2-Dichloropropane	A3810-1782	119	ND	ug/Kg	U
78-93-3	2-Butanone	A3810-1782	102	ND	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A3810-1782	121	ND	ug/Kg	U
79-01-6	Trichloroethene	A3810-1782	126	ND	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A3810-1782	100	ND	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A3810-1782	83.1	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	A3810-1782	106	ND	ug/Kg	U
91-20-3	Naphthalene	A3810-1782	81.7	ND	ug/Kg	U
95-47-6	o-xylene	A3810-1782	114	ND	ug/Kg	U
95-49-8	2-Chlorotoluene	A3810-1782	111	ND	ug/Kg	U

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Phone - 631-249-1456 Fax - 631-249-8344

9/29/2011

Volatiles - EPA 8260B

Sample: 1109412-8
Client Sample ID: B-4 (8-10')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 9/23/2011

Type: Grab

Collected: 9/21/2011 06:10
% Solid: 93.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
95-50-1	1,2-Dichlorobenzene	A3810-1782	107	ND	ug/Kg	U
95-63-6	1,2,4-Trimethylbenzene	A3810-1782	113	ND	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A3810-1782	105	ND	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	A3810-1782	100	ND	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A3810-1782	105	ND	ug/Kg	U
98-06-6	tert-Butylbenzene	A3810-1782	114	ND	ug/Kg	U
98-82-8	Isopropylbenzene	A3810-1782	115	ND	ug/Kg	U
99-87-6	4-Isopropyltoluene	A3810-1782	109	ND	ug/Kg	U
100-41-4	Ethylbenzene	A3810-1782	119	ND	ug/Kg	U
100-42-5	Styrene	A3810-1782	109	ND	ug/Kg	U
103-65-1	n-Propylbenzene	A3810-1782	109	ND	ug/Kg	U
104-51-8	n-Butylbenzene	A3810-1782	111	ND	ug/Kg	U
105-05-5	p-Diethylbenzene	A3810-1782	103	ND	ug/Kg	U
106-43-4	4-Chlorotoluene	A3810-1782	105	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A3810-1782	105	ND	ug/Kg	U
106-93-4	1,2-Dibromoethane	A3810-1782	105	ND	ug/Kg	U
107-06-2	1,2-Dichloroethane	A3810-1782	130	ND	ug/Kg	U
107-13-1	Acrylonitrile	A3810-1782	507	ND	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A3810-1782	115	ND	ug/Kg	U
108-38-3	m,p-xylene	A3810-1782	233	ND	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A3810-1782	110	ND	ug/Kg	U
108-86-1	Bromobenzene	A3810-1782	107	ND	ug/Kg	U
108-88-3	Toluene	A3810-1782	145	ND	ug/Kg	U
108-90-7	Chlorobenzene	A3810-1782	115	ND	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A3810-1782	190	ND	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A3810-1782	89.8	ND	ug/Kg	U
124-48-1	Dibromochloromethane	A3810-1782	111	ND	ug/Kg	U
127-18-4	Tetrachloroethene	A3810-1782	113	**957**	ug/Kg	
135-98-8	sec-Butylbenzene	A3810-1782	105	ND	ug/Kg	U
142-28-9	1,3-Dichloropropane	A3810-1782	111	ND	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A3810-1782	119	ND	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	A3810-1782	127	ND	ug/Kg	U

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/29/2011

Volatiles - EPA 8260B

Sample: 1109412-8
Client Sample ID: B-4 (8-10')
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 9/23/2011

Type: Grab

Collected: 9/21/2011 06:10
% Solid: 93.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
541-73-1	1,3-Dichlorobenzene	A3810-1782	103	ND	ug/Kg	U
563-58-6	1,1-Dichloropropene	A3810-1782	107	ND	ug/Kg	U
590-20-7	2,2-Dichloropropane	A3810-1782	117	ND	ug/Kg	U
591-78-6	2-Hexanone	A3810-1782	81.7	ND	ug/Kg	U
622-96-8	p-Ethyltoluene	A3810-1782	109	ND	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	A3810-1782	115	ND	ug/Kg	U
994-05-8	TAME	A3810-1782	115	ND	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A3810-1782	118	ND	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A3810-1782	117	ND	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A3810-1782	106	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A3810-1782	84.0 %	(68 - 173)	
460-00-4	4-BROMOFLUOROBENZENE	A3810-1782	95.4 %	(77 - 131)	
4774-33-8	DIBROMOFLUOROMETHANE	A3810-1782	91.6 %	(75 - 159)	
2037-26-5	TOLUENE-D8	A3810-1782	96.9 %	(74 - 136)	

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/29/2011

Semivolatile Compounds - EPA 8270C

Sample: 1109412-1
Client Sample ID: B-1 (0-2')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/22/2011

Collected: 9/21/2011 04:10
% Solid: 83.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2742-4895	49.6	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2742-4895	36.8	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2742-4895	36.0	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2742-4895	40.0	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2742-4895	38.9	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2742-4895	47.2	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2742-4895	25.9	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2742-4895	44.8	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2742-4895	39.1	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2742-4895	49.8	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2742-4895	420	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2742-4895	71.5	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2742-4895	49.1	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2742-4895	57.4	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2742-4895	57.4	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2742-4895	47.3	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2742-4895	42.7	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2742-4895	62.1	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2742-4895	36.2	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2742-4895	36.8	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2742-4895	57.4	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2742-4895	20.5	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2742-4895	521	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2742-4895	54.1	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2742-4895	44.5	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2742-4895	45.4	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2742-4895	46.4	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2742-4895	117	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2742-4895	795	ND	ug/Kg	U
83-32-9	Acenaphthene	C2742-4895	50.2	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2742-4895	41.0	ND	ug/Kg	U
62-53-3	Aniline	C2742-4895	37.1	ND	ug/Kg	U

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/29/2011

Semivolatile Compounds - EPA 8270C

Sample: 1109412-1
Client Sample ID: B-1 (0-2')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/22/2011

Collected: 9/21/2011 04:10
% Solid: 83.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2742-4895	53.0	ND	ug/Kg	U
92-87-5	Benzidine	C2742-4895	1050	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2742-4895	50.4	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2742-4895	62.1	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2742-4895	49.5	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2742-4895	91.1	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2742-4895	90.7	ND	ug/Kg	U
65-85-0	Benzoic acid	C2742-4895	6980	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2742-4895	70.3	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2742-4895	62.9	ND	ug/Kg	U
86-74-8	Carbazole	C2742-4895	68.7	ND	ug/Kg	U
218-01-9	Chrysene	C2742-4895	63.1	ND	ug/Kg	U
	Cresols	C2742-4895	79.5	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2742-4895	67.1	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2742-4895	58.6	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2742-4895	66.5	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2742-4895	39.8	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2742-4895	77.9	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2742-4895	57.6	ND	ug/Kg	U
206-44-0	Fluoranthene	C2742-4895	65.7	ND	ug/Kg	U
86-73-7	Fluorene	C2742-4895	47.9	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2742-4895	51.0	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2742-4895	47.7	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2742-4895	368	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2742-4895	53.0	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2742-4895	55.1	ND	ug/Kg	U
78-59-1	Isophorone	C2742-4895	54.5	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2742-4895	36.0	ND	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C2742-4895	75.7	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2742-4895	65.0	ND	ug/Kg	U
91-20-3	Naphthalene	C2742-4895	47.9	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2742-4895	46.1	ND	ug/Kg	U

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Phone - 631-249-1456 Fax - 631-249-8344

9/29/2011

Semivolatile Compounds - EPA 8270C

Sample: 1109412-1
Client Sample ID: B-1 (0-2')
Matrix: Soil
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/22/2011

Type: Grab

Collected: 9/21/2011 04:10
% Solid: 83.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
87-86-5	Pentachlorophenol	C2742-4895	452	ND	ug/Kg	U
85-01-8	Phenanthrene	C2742-4895	54.2	ND	ug/Kg	U
108-95-2	Phenol	C2742-4895	31.1	ND	ug/Kg	U
129-00-0	Pyrene	C2742-4895	44.1	ND	ug/Kg	U
110-86-1	Pyridine	C2742-4895	68.3	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2742-4895	49.3	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2742-4895	56.4	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2742-4895	43.7	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2742-4895	78.1	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2742-4895	71.2 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2742-4895	61.2 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2742-4895	54.2 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2742-4895	54.8 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2742-4895	55.4 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2742-4895	74.9 %	(18 - 137)	

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/29/2011

Semivolatile Compounds - EPA 8270C

Sample: 1109412-2
Client Sample ID: B -1 (10-12') Collected: 9/21/2011 04:30
Matrix: Soil Type: Grab % Solid: 92.1%
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2742-4896	45.2	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2742-4896	33.6	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2742-4896	32.8	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2742-4896	36.5	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2742-4896	35.4	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2742-4896	43.0	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2742-4896	23.6	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2742-4896	40.8	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2742-4896	35.6	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2742-4896	45.4	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2742-4896	382	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2742-4896	65.1	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2742-4896	44.7	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2742-4896	52.3	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2742-4896	52.3	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2742-4896	43.1	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2742-4896	38.9	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2742-4896	56.6	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2742-4896	33.0	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2742-4896	33.6	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2742-4896	52.3	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2742-4896	18.7	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2742-4896	474	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2742-4896	49.3	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2742-4896	40.5	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2742-4896	41.4	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2742-4896	42.2	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2742-4896	106	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2742-4896	724	ND	ug/Kg	U
83-32-9	Acenaphthene	C2742-4896	45.7	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2742-4896	37.4	ND	ug/Kg	U
62-53-3	Aniline	C2742-4896	33.8	ND	ug/Kg	U

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9/29/2011

Semivolatile Compounds - EPA 8270C

Sample: 1109412-2
Client Sample ID: B -1 (10-12')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/22/2011

Collected: 9/21/2011 04:30
% Solid: 92.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2742-4896	48.3	ND	ug/Kg	U
92-87-5	Benzidine	C2742-4896	953	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2742-4896	45.9	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2742-4896	56.6	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2742-4896	45.1	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2742-4896	83.0	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2742-4896	82.6	ND	ug/Kg	U
65-85-0	Benzoic acid	C2742-4896	6360	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2742-4896	64.1	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2742-4896	57.3	ND	ug/Kg	U
86-74-8	Carbazole	C2742-4896	62.5	ND	ug/Kg	U
218-01-9	Chrysene	C2742-4896	57.4	ND	ug/Kg	U
	Cresols	C2742-4896	72.5	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2742-4896	61.1	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2742-4896	53.4	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2742-4896	60.6	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2742-4896	36.3	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2742-4896	71.0	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2742-4896	52.4	ND	ug/Kg	U
206-44-0	Fluoranthene	C2742-4896	59.8	ND	ug/Kg	U
86-73-7	Fluorene	C2742-4896	43.6	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2742-4896	46.5	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2742-4896	43.4	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2742-4896	336	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2742-4896	48.3	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2742-4896	50.2	ND	ug/Kg	U
78-59-1	Isophorone	C2742-4896	49.6	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2742-4896	32.8	ND	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C2742-4896	68.9	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2742-4896	59.2	ND	ug/Kg	U
91-20-3	Naphthalene	C2742-4896	43.6	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2742-4896	42.0	ND	ug/Kg	U

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9/29/2011

Semivolatile Compounds - EPA 8270C

Sample: 1109412-2
Client Sample ID: B -1 (10-12')
Matrix: Soil
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/22/2011

Type: Grab

Collected: 9/21/2011 04:30
% Solid: 92.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
87-86-5	Pentachlorophenol	C2742-4896	412	ND	ug/Kg	U
85-01-8	Phenanthrene	C2742-4896	49.4	ND	ug/Kg	U
108-95-2	Phenol	C2742-4896	28.3	ND	ug/Kg	U
129-00-0	Pyrene	C2742-4896	40.2	ND	ug/Kg	U
110-86-1	Pyridine	C2742-4896	62.2	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2742-4896	45.0	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2742-4896	51.4	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2742-4896	39.8	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2742-4896	71.1	**506**	ug/Kg	J

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2742-4896	77.6 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2742-4896	65.0 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2742-4896	55.6 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2742-4896	55.8 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2742-4896	57.0 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2742-4896	82.3 %	(18 - 137)	

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9/29/2011

Semivolatile Compounds - EPA 8270C

Sample: 1109412-3
Client Sample ID: B-2 (0-2')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/22/2011

Collected: 9/21/2011 05:10
% Solid: 88.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2742-4897	47.1	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2742-4897	35.0	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2742-4897	34.2	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2742-4897	38.1	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2742-4897	36.9	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2742-4897	44.8	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2742-4897	24.6	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2742-4897	42.6	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2742-4897	37.1	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2742-4897	47.3	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2742-4897	399	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2742-4897	68.0	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2742-4897	46.7	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2742-4897	54.6	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2742-4897	54.6	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2742-4897	45.0	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2742-4897	40.5	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2742-4897	59.0	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2742-4897	34.4	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2742-4897	35.0	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2742-4897	54.6	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2742-4897	19.5	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2742-4897	495	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2742-4897	51.4	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2742-4897	42.2	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2742-4897	43.1	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2742-4897	44.1	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2742-4897	111	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2742-4897	755	ND	ug/Kg	U
83-32-9	Acenaphthene	C2742-4897	47.7	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2742-4897	39.0	ND	ug/Kg	U
62-53-3	Aniline	C2742-4897	35.2	ND	ug/Kg	U

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9/29/2011

Semivolatile Compounds - EPA 8270C

Sample: 1109412-3
Client Sample ID: B-2 (0-2')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/22/2011

Collected: 9/21/2011 05:10
% Solid: 88.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2742-4897	50.4	ND	ug/Kg	U
92-87-5	Benzidine	C2742-4897	994	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2742-4897	47.9	**153**	ug/Kg	J
50-32-8	Benzo(a)pyrene	C2742-4897	59.0	**127**	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	C2742-4897	47.0	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2742-4897	86.5	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2742-4897	86.2	ND	ug/Kg	U
65-85-0	Benzoic acid	C2742-4897	6640	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2742-4897	66.8	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2742-4897	59.8	ND	ug/Kg	U
86-74-8	Carbazole	C2742-4897	65.2	ND	ug/Kg	U
218-01-9	Chrysene	C2742-4897	59.9	**154**	ug/Kg	J
	Cresols	C2742-4897	75.5	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2742-4897	63.8	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2742-4897	55.7	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2742-4897	63.2	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2742-4897	37.8	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2742-4897	74.1	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2742-4897	54.7	ND	ug/Kg	U
206-44-0	Fluoranthene	C2742-4897	62.4	**327**	ug/Kg	J
86-73-7	Fluorene	C2742-4897	45.5	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2742-4897	48.5	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2742-4897	45.3	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2742-4897	350	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2742-4897	50.4	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2742-4897	52.3	ND	ug/Kg	U
78-59-1	Isophorone	C2742-4897	51.8	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2742-4897	34.2	ND	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C2742-4897	71.9	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2742-4897	61.7	ND	ug/Kg	U
91-20-3	Naphthalene	C2742-4897	45.5	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2742-4897	43.8	ND	ug/Kg	U

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9/29/2011

Semivolatile Compounds - EPA 8270C

Sample: 1109412-3
Client Sample ID: B-2 (0-2')
Matrix: Soil
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/22/2011

Type: Grab

Collected: 9/21/2011 05:10
% Solid: 88.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
87-86-5	Pentachlorophenol	C2742-4897	429	ND	ug/Kg	U
85-01-8	Phenanthrene	C2742-4897	51.5	**83.8**	ug/Kg	J
108-95-2	Phenol	C2742-4897	29.6	ND	ug/Kg	U
129-00-0	Pyrene	C2742-4897	41.9	**272**	ug/Kg	J
110-86-1	Pyridine	C2742-4897	64.9	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2742-4897	46.9	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2742-4897	53.6	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2742-4897	41.6	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2742-4897	74.2	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2742-4897	76.7 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2742-4897	71.8 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2742-4897	62.7 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2742-4897	61.3 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2742-4897	63.9 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2742-4897	76.2 %	(18 - 137)	

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9/29/2011

Semivolatile Compounds - EPA 8270C

Sample: 1109412-4
Client Sample ID: B-2 (8-10') Collected: 9/21/2011 05:30
Matrix: Soil Type: Grab % Solid: 90.7%
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2742-4898	138	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2742-4898	102	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2742-4898	99.9	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2742-4898	111	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2742-4898	108	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2742-4898	131	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2742-4898	71.8	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2742-4898	124	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2742-4898	108	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2742-4898	138	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2742-4898	1160	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2742-4898	198	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2742-4898	136	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2742-4898	159	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2742-4898	159	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2742-4898	131	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2742-4898	118	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2742-4898	172	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2742-4898	101	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2742-4898	102	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2742-4898	159	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2742-4898	56.9	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2742-4898	1450	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2742-4898	150	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2742-4898	123	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2742-4898	126	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2742-4898	129	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2742-4898	323	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2742-4898	2210	ND	ug/Kg	U
83-32-9	Acenaphthene	C2742-4898	139	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2742-4898	114	ND	ug/Kg	U
62-53-3	Aniline	C2742-4898	103	ND	ug/Kg	U

Environmental Quality Services, Inc.
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9/29/2011

Semivolatile Compounds - EPA 8270C

Sample: 1109412-4
Client Sample ID: B-2 (8-10') Collected: 9/21/2011 05:30
Matrix: Soil Type: Grab % Solid: 90.7%
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2742-4898	147	ND	ug/Kg	U
92-87-5	Benzidine	C2742-4898	2900	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2742-4898	140	**324**	ug/Kg	J
50-32-8	Benzo(a)pyrene	C2742-4898	172	**308**	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	C2742-4898	137	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2742-4898	253	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2742-4898	252	ND	ug/Kg	U
65-85-0	Benzoic acid	C2742-4898	19400	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2742-4898	195	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2742-4898	175	ND	ug/Kg	U
86-74-8	Carbazole	C2742-4898	191	ND	ug/Kg	U
218-01-9	Chrysene	C2742-4898	175	**350**	ug/Kg	J
	Cresols	C2742-4898	220	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2742-4898	186	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2742-4898	163	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2742-4898	185	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2742-4898	110	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2742-4898	216	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2742-4898	160	ND	ug/Kg	U
206-44-0	Fluoranthene	C2742-4898	182	**807**	ug/Kg	J
86-73-7	Fluorene	C2742-4898	133	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2742-4898	142	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2742-4898	132	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2742-4898	1020	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2742-4898	147	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2742-4898	153	ND	ug/Kg	U
78-59-1	Isophorone	C2742-4898	151	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2742-4898	99.9	ND	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C2742-4898	210	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2742-4898	180	ND	ug/Kg	U
91-20-3	Naphthalene	C2742-4898	133	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2742-4898	128	ND	ug/Kg	U

Environmental Quality Services, Inc.
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9/29/2011

Semivolatile Compounds - EPA 8270C

Sample: 1109412-4
Client Sample ID: B-2 (8-10')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/22/2011

Collected: 9/21/2011 05:30
% Solid: 90.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
87-86-5	Pentachlorophenol	C2742-4898	1250	ND	ug/Kg	U
85-01-8	Phenanthrene	C2742-4898	150	**662**	ug/Kg	J
108-95-2	Phenol	C2742-4898	86.3	ND	ug/Kg	U
129-00-0	Pyrene	C2742-4898	122	**639**	ug/Kg	J
110-86-1	Pyridine	C2742-4898	190	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2742-4898	137	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2742-4898	156	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2742-4898	121	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2742-4898	217	**1100**	ug/Kg	J

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2742-4898	28.4 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2742-4898	52.0 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2742-4898	43.3 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2742-4898	44.8 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2742-4898	45.4 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2742-4898	50.6 %	(18 - 137)	

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9/29/2011

Semivolatile Compounds - EPA 8270C

Sample: 1109412-5
Client Sample ID: B-3 (0-2')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/22/2011

Collected: 9/21/2011 03:00
% Solid: 92.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2742-4899	45.1	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2742-4899	33.5	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2742-4899	32.7	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2742-4899	36.4	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2742-4899	35.3	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2742-4899	42.9	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2742-4899	23.5	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2742-4899	40.7	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2742-4899	35.5	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2742-4899	45.3	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2742-4899	381	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2742-4899	65.0	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2742-4899	44.6	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2742-4899	52.2	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2742-4899	52.2	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2742-4899	43.0	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2742-4899	38.8	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2742-4899	56.4	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2742-4899	32.9	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2742-4899	33.5	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2742-4899	52.2	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2742-4899	18.6	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2742-4899	473	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2742-4899	49.2	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2742-4899	40.4	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2742-4899	41.3	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2742-4899	42.1	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2742-4899	106	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2742-4899	723	ND	ug/Kg	U
83-32-9	Acenaphthene	C2742-4899	45.6	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2742-4899	37.3	ND	ug/Kg	U
62-53-3	Aniline	C2742-4899	33.7	ND	ug/Kg	U

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9/29/2011

Semivolatile Compounds - EPA 8270C

Sample: 1109412-5
Client Sample ID: B-3 (0-2')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/22/2011

Collected: 9/21/2011 03:00
% Solid: 92.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2742-4899	48.2	ND	ug/Kg	U
92-87-5	Benzidine	C2742-4899	951	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2742-4899	45.8	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2742-4899	56.4	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2742-4899	45.0	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2742-4899	82.8	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2742-4899	82.4	ND	ug/Kg	U
65-85-0	Benzoic acid	C2742-4899	6350	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2742-4899	63.9	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2742-4899	57.2	ND	ug/Kg	U
86-74-8	Carbazole	C2742-4899	62.4	ND	ug/Kg	U
218-01-9	Chrysene	C2742-4899	57.3	ND	ug/Kg	U
	Cresols	C2742-4899	72.3	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2742-4899	61.0	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2742-4899	53.3	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2742-4899	60.5	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2742-4899	36.2	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2742-4899	70.9	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2742-4899	52.3	ND	ug/Kg	U
206-44-0	Fluoranthene	C2742-4899	59.7	ND	ug/Kg	U
86-73-7	Fluorene	C2742-4899	43.6	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2742-4899	46.4	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2742-4899	43.3	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2742-4899	335	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2742-4899	48.2	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2742-4899	50.1	ND	ug/Kg	U
78-59-1	Isophorone	C2742-4899	49.5	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2742-4899	32.7	ND	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C2742-4899	68.8	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2742-4899	59.0	ND	ug/Kg	U
91-20-3	Naphthalene	C2742-4899	43.6	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2742-4899	41.9	ND	ug/Kg	U

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9/29/2011

Semivolatile Compounds - EPA 8270C

Sample: 1109412-5
Client Sample ID: B-3 (0-2')
Matrix: Soil
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/22/2011

Type: Grab

Collected: 9/21/2011 03:00
% Solid: 92.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
87-86-5	Pentachlorophenol	C2742-4899	411	ND	ug/Kg	U
85-01-8	Phenanthrene	C2742-4899	49.3	ND	ug/Kg	U
108-95-2	Phenol	C2742-4899	28.3	ND	ug/Kg	U
129-00-0	Pyrene	C2742-4899	40.1	ND	ug/Kg	U
110-86-1	Pyridine	C2742-4899	62.1	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2742-4899	44.9	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2742-4899	51.2	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2742-4899	39.8	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2742-4899	71.0	**103**	ug/Kg	J

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2742-4899	72.4 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2742-4899	70.4 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2742-4899	59.7 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2742-4899	59.8 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2742-4899	61.4 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2742-4899	75.7 %	(18 - 137)	

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9/29/2011

Semivolatile Compounds - EPA 8270C

Sample: 1109412-6
Client Sample ID: B-3 (8-10') Collected: 9/21/2011 03:40
Matrix: Soil Type: Grab % Solid: 98.5%
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2742-4900	42.2	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2742-4900	31.4	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2742-4900	30.7	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2742-4900	34.1	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2742-4900	33.1	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2742-4900	40.2	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2742-4900	22.0	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2742-4900	38.2	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2742-4900	33.3	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2742-4900	42.4	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2742-4900	357	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2742-4900	60.9	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2742-4900	41.8	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2742-4900	48.9	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2742-4900	48.9	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2742-4900	40.3	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2742-4900	36.3	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2742-4900	52.9	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2742-4900	30.9	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2742-4900	31.4	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2742-4900	48.9	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2742-4900	17.5	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2742-4900	444	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2742-4900	46.1	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2742-4900	37.9	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2742-4900	38.7	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2742-4900	39.5	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2742-4900	99.3	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2742-4900	677	ND	ug/Kg	U
83-32-9	Acenaphthene	C2742-4900	42.7	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2742-4900	34.9	ND	ug/Kg	U
62-53-3	Aniline	C2742-4900	31.6	ND	ug/Kg	U

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Phone - 631-249-1456 Fax - 631-249-8344

9/29/2011

Semivolatile Compounds - EPA 8270C

Sample: 1109412-6
Client Sample ID: B-3 (8-10') Collected: 9/21/2011 03:40
Matrix: Soil Type: Grab % Solid: 98.5%
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2742-4900	45.2	ND	ug/Kg	U
92-87-5	Benzidine	C2742-4900	891	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2742-4900	42.9	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2742-4900	52.9	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2742-4900	42.1	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2742-4900	77.6	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2742-4900	77.3	ND	ug/Kg	U
65-85-0	Benzoic acid	C2742-4900	5950	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2742-4900	59.9	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2742-4900	53.6	ND	ug/Kg	U
86-74-8	Carbazole	C2742-4900	58.5	ND	ug/Kg	U
218-01-9	Chrysene	C2742-4900	53.7	ND	ug/Kg	U
	Cresols	C2742-4900	67.7	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2742-4900	57.2	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2742-4900	49.9	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2742-4900	56.6	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2742-4900	33.9	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2742-4900	66.4	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2742-4900	49.0	ND	ug/Kg	U
206-44-0	Fluoranthene	C2742-4900	55.9	ND	ug/Kg	U
86-73-7	Fluorene	C2742-4900	40.8	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2742-4900	43.5	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2742-4900	40.6	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2742-4900	314	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2742-4900	45.2	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2742-4900	46.9	ND	ug/Kg	U
78-59-1	Isophorone	C2742-4900	46.4	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2742-4900	30.7	ND	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C2742-4900	64.5	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2742-4900	55.3	ND	ug/Kg	U
91-20-3	Naphthalene	C2742-4900	40.8	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2742-4900	39.3	ND	ug/Kg	U

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9/29/2011

Semivolatile Compounds - EPA 8270C

Sample: 1109412-6
Client Sample ID: B-3 (8-10') Collected: 9/21/2011 03:40
Matrix: Soil Type: Grab % Solid: 98.5%
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
87-86-5	Pentachlorophenol	C2742-4900	385	ND	ug/Kg	U
85-01-8	Phenanthrene	C2742-4900	46.2	ND	ug/Kg	U
108-95-2	Phenol	C2742-4900	26.5	ND	ug/Kg	U
129-00-0	Pyrene	C2742-4900	37.6	ND	ug/Kg	U
110-86-1	Pyridine	C2742-4900	58.2	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2742-4900	42.0	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2742-4900	48.0	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2742-4900	37.3	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2742-4900	66.5	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2742-4900	64.5 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2742-4900	62.4 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2742-4900	54.0 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2742-4900	54.0 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2742-4900	55.7 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2742-4900	79.0 %	(18 - 137)	

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9/29/2011

Semivolatile Compounds - EPA 8270C

Sample: 1109412-7
Client Sample ID: B-4 (0-2')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/22/2011

Collected: 9/21/2011 05:50
% Solid: 85.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2742-4901	48.5	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2742-4901	36.1	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2742-4901	35.2	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2742-4901	39.2	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2742-4901	38.0	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2742-4901	46.2	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2742-4901	25.3	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2742-4901	43.9	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2742-4901	38.3	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2742-4901	48.8	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2742-4901	411	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2742-4901	70.0	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2742-4901	48.1	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2742-4901	56.2	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2742-4901	56.2	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2742-4901	46.3	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2742-4901	41.8	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2742-4901	60.8	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2742-4901	35.5	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2742-4901	36.1	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2742-4901	56.2	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2742-4901	20.1	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2742-4901	510	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2742-4901	53.0	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2742-4901	43.5	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2742-4901	44.5	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2742-4901	45.4	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2742-4901	114	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2742-4901	778	ND	ug/Kg	U
83-32-9	Acenaphthene	C2742-4901	49.1	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2742-4901	40.1	ND	ug/Kg	U
62-53-3	Aniline	C2742-4901	36.3	ND	ug/Kg	U

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9/29/2011

Semivolatile Compounds - EPA 8270C

Sample: 1109412-7
Client Sample ID: B-4 (0-2')
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/22/2011

Collected: 9/21/2011 05:50
% Solid: 85.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2742-4901	51.9	ND	ug/Kg	U
92-87-5	Benzidine	C2742-4901	1020	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2742-4901	49.4	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2742-4901	60.8	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2742-4901	48.4	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2742-4901	89.1	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2742-4901	88.8	ND	ug/Kg	U
65-85-0	Benzoic acid	C2742-4901	6840	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2742-4901	68.8	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2742-4901	61.6	ND	ug/Kg	U
86-74-8	Carbazole	C2742-4901	67.2	ND	ug/Kg	U
218-01-9	Chrysene	C2742-4901	61.7	ND	ug/Kg	U
	Cresols	C2742-4901	77.9	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2742-4901	65.7	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2742-4901	57.4	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2742-4901	65.1	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2742-4901	39.0	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2742-4901	76.3	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2742-4901	56.4	ND	ug/Kg	U
206-44-0	Fluoranthene	C2742-4901	64.3	ND	ug/Kg	U
86-73-7	Fluorene	C2742-4901	46.9	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2742-4901	49.9	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2742-4901	46.7	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2742-4901	361	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2742-4901	51.9	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2742-4901	53.9	ND	ug/Kg	U
78-59-1	Isophorone	C2742-4901	53.3	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2742-4901	35.2	ND	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C2742-4901	74.1	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2742-4901	63.6	ND	ug/Kg	U
91-20-3	Naphthalene	C2742-4901	46.9	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2742-4901	45.2	ND	ug/Kg	U

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9/29/2011

Semivolatile Compounds - EPA 8270C

Sample: 1109412-7
Client Sample ID: B-4 (0-2')
Matrix: Soil
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/22/2011

Type: Grab

Collected: 9/21/2011 05:50
% Solid: 85.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
87-86-5	Pentachlorophenol	C2742-4901	442	ND	ug/Kg	U
85-01-8	Phenanthrene	C2742-4901	53.1	ND	ug/Kg	U
108-95-2	Phenol	C2742-4901	30.5	ND	ug/Kg	U
129-00-0	Pyrene	C2742-4901	43.2	ND	ug/Kg	U
110-86-1	Pyridine	C2742-4901	66.9	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2742-4901	48.3	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2742-4901	55.2	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2742-4901	42.8	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2742-4901	76.4	**239**	ug/Kg	J

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2742-4901	43.9 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2742-4901	65.5 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2742-4901	42.1 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2742-4901	52.3 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2742-4901	47.9 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2742-4901	79.6 %	(18 - 137)	

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9/29/2011

Semivolatile Compounds - EPA 8270C

Sample: 1109412-8
Client Sample ID: B-4 (8-10') Collected: 9/21/2011 06:10
Matrix: Soil Type: Grab % Solid: 93.4%
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C2742-4902	44.5	ND	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2742-4902	33.1	ND	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C2742-4902	32.3	ND	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2742-4902	36.0	ND	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2742-4902	34.9	ND	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C2742-4902	42.4	ND	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C2742-4902	23.2	ND	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C2742-4902	40.3	ND	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C2742-4902	35.1	ND	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C2742-4902	44.8	ND	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C2742-4902	377	ND	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C2742-4902	64.2	ND	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C2742-4902	44.1	ND	ug/Kg	U
91-58-7	2-Chloronaphthalene	C2742-4902	51.6	ND	ug/Kg	U
95-57-8	2-Chlorophenol	C2742-4902	51.6	ND	ug/Kg	U
91-57-6	2-Methylnaphthalene	C2742-4902	42.5	ND	ug/Kg	U
95-48-7	2-Methylphenol	C2742-4902	38.3	ND	ug/Kg	U
88-74-4	2-Nitroaniline	C2742-4902	55.8	ND	ug/Kg	U
88-75-5	2-Nitrophenol	C2742-4902	32.5	ND	ug/Kg	U
106-44-5	3+4-Methylphenol	C2742-4902	33.1	ND	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C2742-4902	51.6	ND	ug/Kg	U
99-09-2	3-Nitroaniline	C2742-4902	18.4	ND	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C2742-4902	468	ND	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C2742-4902	48.6	ND	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C2742-4902	39.9	ND	ug/Kg	U
106-47-8	4-Chloroaniline	C2742-4902	40.8	ND	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C2742-4902	41.6	ND	ug/Kg	U
100-01-6	4-Nitroaniline	C2742-4902	105	ND	ug/Kg	U
100-02-7	4-Nitrophenol	C2742-4902	714	ND	ug/Kg	U
83-32-9	Acenaphthene	C2742-4902	45.1	ND	ug/Kg	U
208-96-8	Acenaphthylene	C2742-4902	36.8	ND	ug/Kg	U
62-53-3	Aniline	C2742-4902	33.3	ND	ug/Kg	U

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9/29/2011

Semivolatile Compounds - EPA 8270C

Sample: 1109412-8
Client Sample ID: B-4 (8-10') Collected: 9/21/2011 06:10
Matrix: Soil Type: Grab % Solid: 93.4%
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
120-12-7	Anthracene	C2742-4902	47.6	ND	ug/Kg	U
92-87-5	Benzidine	C2742-4902	940	ND	ug/Kg	U
56-55-3	Benzo(a)anthracene	C2742-4902	45.3	ND	ug/Kg	U
50-32-8	Benzo(a)pyrene	C2742-4902	55.8	ND	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C2742-4902	44.4	ND	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C2742-4902	81.8	ND	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C2742-4902	81.5	ND	ug/Kg	U
65-85-0	Benzoic acid	C2742-4902	6270	ND	ug/Kg	U
100-51-6	Benzyl alcohol	C2742-4902	63.2	ND	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C2742-4902	56.5	ND	ug/Kg	U
86-74-8	Carbazole	C2742-4902	61.7	ND	ug/Kg	U
218-01-9	Chrysene	C2742-4902	56.6	ND	ug/Kg	U
	Cresols	C2742-4902	71.4	ND	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C2742-4902	60.3	ND	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C2742-4902	52.7	ND	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C2742-4902	59.7	ND	ug/Kg	U
132-64-9	Dibenzofuran	C2742-4902	35.8	ND	ug/Kg	U
84-66-2	Diethyl phthalate	C2742-4902	70.0	ND	ug/Kg	U
131-11-3	Dimethyl phthalate	C2742-4902	51.7	ND	ug/Kg	U
206-44-0	Fluoranthene	C2742-4902	59.0	ND	ug/Kg	U
86-73-7	Fluorene	C2742-4902	43.0	ND	ug/Kg	U
118-74-1	Hexachlorobenzene	C2742-4902	45.8	ND	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2742-4902	42.8	ND	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C2742-4902	331	ND	ug/Kg	U
67-72-1	Hexachloroethane	C2742-4902	47.6	ND	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C2742-4902	49.5	ND	ug/Kg	U
78-59-1	Isophorone	C2742-4902	48.9	ND	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C2742-4902	32.3	ND	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C2742-4902	68.0	ND	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C2742-4902	58.4	ND	ug/Kg	U
91-20-3	Naphthalene	C2742-4902	43.0	ND	ug/Kg	U
98-95-3	Nitrobenzene	C2742-4902	41.4	ND	ug/Kg	U

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9/29/2011

Semivolatile Compounds - EPA 8270C

Sample: 1109412-8
Client Sample ID: B-4 (8-10') Collected: 9/21/2011 06:10
Matrix: Soil Type: Grab % Solid: 93.4%
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/22/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
87-86-5	Pentachlorophenol	C2742-4902	406	ND	ug/Kg	U
85-01-8	Phenanthrene	C2742-4902	48.7	ND	ug/Kg	U
108-95-2	Phenol	C2742-4902	27.9	ND	ug/Kg	U
129-00-0	Pyrene	C2742-4902	39.6	ND	ug/Kg	U
110-86-1	Pyridine	C2742-4902	61.3	ND	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C2742-4902	44.3	ND	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C2742-4902	50.6	ND	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C2742-4902	39.3	ND	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C2742-4902	70.1	**152**	ug/Kg	J

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C2742-4902	67.5 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C2742-4902	62.3 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C2742-4902	52.6 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C2742-4902	53.2 %	(23 - 120)	
13127-88-3	PHENOL-D6	C2742-4902	54.5 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C2742-4902	74.6 %	(18 - 137)	

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9/29/2011

PCB Aroclors by SW846 8082/EPA 608

Sample: 1109412-1
Client Sample ID: B-1 (0-2')
Matrix: Soil
Remarks:
Analyzed Date: 9/24/2011
Preparation Date(s) : 9/23/2011

Type: Grab

Collected: 9/21/2011 04:10
% Solid: 83.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1281-13	19.0	ND	ug/Kg	U
11104-28-2	PCB 1221	K1281-13	19.0	ND	ug/Kg	U
11141-16-5	PCB 1232	K1281-13	19.0	ND	ug/Kg	U
53469-21-9	PCB 1242	K1281-13	19.0	ND	ug/Kg	U
12672-29-6	PCB 1248	K1281-13	19.0	ND	ug/Kg	U
11097-69-1	PCB 1254	K1281-13	19.0	ND	ug/Kg	U
11096-82-5	PCB 1260	K1281-13	13.2	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1281-13	92.6 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1281-13	80.7 %	(30 - 150)	

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9/29/2011

PCB Aroclors by SW846 8082/EPA 608

Sample: 1109412-2
Client Sample ID: B -1 (10-12') Collected: 9/21/2011 04:30
Matrix: Soil Type: Grab % Solid: 92.1%
Remarks:
Analyzed Date: 9/24/2011
Preparation Date(s) : 9/23/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1281-14	17.3	ND	ug/Kg	U
11104-28-2	PCB 1221	K1281-14	17.3	ND	ug/Kg	U
11141-16-5	PCB 1232	K1281-14	17.3	ND	ug/Kg	U
53469-21-9	PCB 1242	K1281-14	17.3	ND	ug/Kg	U
12672-29-6	PCB 1248	K1281-14	17.3	ND	ug/Kg	U
11097-69-1	PCB 1254	K1281-14	17.3	ND	ug/Kg	U
11096-82-5	PCB 1260	K1281-14	12.1	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1281-14	94.0 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1281-14	66.9 %	(30 - 150)	

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9/29/2011

PCB Aroclors by SW846 8082/EPA 608

Sample: 1109412-3
Client Sample ID: B-2 (0-2')
Matrix: Soil
Remarks:
Analyzed Date: 9/24/2011
Preparation Date(s) : 9/23/2011

Type: Grab

Collected: 9/21/2011 05:10
% Solid: 88.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1281-15	18.0	ND	ug/Kg	U
11104-28-2	PCB 1221	K1281-15	18.0	ND	ug/Kg	U
11141-16-5	PCB 1232	K1281-15	18.0	ND	ug/Kg	U
53469-21-9	PCB 1242	K1281-15	18.0	ND	ug/Kg	U
12672-29-6	PCB 1248	K1281-15	18.0	ND	ug/Kg	U
11097-69-1	PCB 1254	K1281-15	18.0	ND	ug/Kg	U
11096-82-5	PCB 1260	K1281-15	12.6	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1281-15	95.6 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1281-15	46.3 %	(30 - 150)	

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9/29/2011

PCB Aroclors by SW846 8082/EPA 608

Sample: 1109412-4
Client Sample ID: B-2 (8-10') Collected: 9/21/2011 05:30
Matrix: Soil Type: Grab % Solid: 90.7%
Remarks:
Analyzed Date: 9/24/2011
Preparation Date(s) : 9/23/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1281-16	17.5	ND	ug/Kg	U
11104-28-2	PCB 1221	K1281-16	17.5	ND	ug/Kg	U
11141-16-5	PCB 1232	K1281-16	17.5	ND	ug/Kg	U
53469-21-9	PCB 1242	K1281-16	17.5	ND	ug/Kg	U
12672-29-6	PCB 1248	K1281-16	17.5	ND	ug/Kg	U
11097-69-1	PCB 1254	K1281-16	17.5	ND	ug/Kg	U
11096-82-5	PCB 1260	K1281-16	12.2	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1281-16	95.2 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1281-16	70.8 %	(30 - 150)	

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9/29/2011

PCB Aroclors by SW846 8082/EPA 608

Sample: 1109412-5
Client Sample ID: B-3 (0-2')
Matrix: Soil
Remarks:
Analyzed Date: 9/24/2011
Preparation Date(s) : 9/23/2011

Type: Grab

Collected: 9/21/2011 03:00
% Solid: 92.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1281-17	17.2	ND	ug/Kg	U
11104-28-2	PCB 1221	K1281-17	17.2	ND	ug/Kg	U
11141-16-5	PCB 1232	K1281-17	17.2	ND	ug/Kg	U
53469-21-9	PCB 1242	K1281-17	17.2	ND	ug/Kg	U
12672-29-6	PCB 1248	K1281-17	17.2	ND	ug/Kg	U
11097-69-1	PCB 1254	K1281-17	17.2	ND	ug/Kg	U
11096-82-5	PCB 1260	K1281-17	12.0	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1281-17	76.1 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1281-17	67.0 %	(30 - 150)	

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PCB Aroclors by SW846 8082/EPA 608

Sample: 1109412-6
Client Sample ID: B-3 (8-10') Collected: 9/21/2011 03:40
Matrix: Soil Type: Grab % Solid: 98.5%
Remarks:
Analyzed Date: 9/24/2011
Preparation Date(s) : 9/23/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1281-18	16.1	ND	ug/Kg	U
11104-28-2	PCB 1221	K1281-18	16.1	ND	ug/Kg	U
11141-16-5	PCB 1232	K1281-18	16.1	ND	ug/Kg	U
53469-21-9	PCB 1242	K1281-18	16.1	ND	ug/Kg	U
12672-29-6	PCB 1248	K1281-18	16.1	ND	ug/Kg	U
11097-69-1	PCB 1254	K1281-18	16.1	ND	ug/Kg	U
11096-82-5	PCB 1260	K1281-18	11.3	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1281-18	85.6 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1281-18	67.8 %	(30 - 150)	

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9/29/2011

PCB Aroclors by SW846 8082/EPA 608

Sample: 1109412-7
Client Sample ID: B-4 (0-2')
Matrix: Soil
Remarks:
Analyzed Date: 9/24/2011
Preparation Date(s) : 9/23/2011

Type: Grab

Collected: 9/21/2011 05:50
% Solid: 85.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1281-19	18.6	ND	ug/Kg	U
11104-28-2	PCB 1221	K1281-19	18.6	ND	ug/Kg	U
11141-16-5	PCB 1232	K1281-19	18.6	ND	ug/Kg	U
53469-21-9	PCB 1242	K1281-19	18.6	ND	ug/Kg	U
12672-29-6	PCB 1248	K1281-19	18.6	ND	ug/Kg	U
11097-69-1	PCB 1254	K1281-19	18.6	ND	ug/Kg	U
11096-82-5	PCB 1260	K1281-19	13.0	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1281-19	81.4 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1281-19	62.9 %	(30 - 150)	

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9/29/2011

PCB Aroclors by SW846 8082/EPA 608

Sample: 1109412-8
Client Sample ID: B-4 (8-10') Collected: 9/21/2011 06:10
Matrix: Soil Type: Grab % Solid: 93.4%
Remarks:
Analyzed Date: 9/24/2011
Preparation Date(s) : 9/23/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
12674-11-2	PCB 1016	K1281-20	17.0	ND	ug/Kg	U
11104-28-2	PCB 1221	K1281-20	17.0	ND	ug/Kg	U
11141-16-5	PCB 1232	K1281-20	17.0	ND	ug/Kg	U
53469-21-9	PCB 1242	K1281-20	17.0	ND	ug/Kg	U
12672-29-6	PCB 1248	K1281-20	17.0	ND	ug/Kg	U
11097-69-1	PCB 1254	K1281-20	17.0	ND	ug/Kg	U
11096-82-5	PCB 1260	K1281-20	11.9	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	K1281-20	62.9 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	K1281-20	45.0 %	(30 - 150)	

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9/29/2011

Pesticide Compounds -EPA 608/SW846 8081A

Sample: 1109412-1
Client Sample ID: B-1 (0-2') Collected: 9/21/2011 04:10
Matrix: Soil Type: Grab % Solid: 83.9%
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/23/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
319-84-6	alpha-BHC	L1321-22	0.79	ND	ug/Kg	U
58-89-9	gamma-BHC (Lindane)	L1321-22	0.99	ND	ug/Kg	U
319-85-7	beta-BHC	L1321-22	0.64	ND	ug/Kg	U
319-86-8	delta-BHC	L1321-22	1.35	ND	ug/Kg	U
76-44-8	Heptachlor	L1321-22	1.11	ND	ug/Kg	U
309-00-2	Aldrin	L1321-22	1.25	ND	ug/Kg	U
1024-57-3	Heptachlor epoxide	L1321-22	1.18	ND	ug/Kg	U
5103-74-2	gamma-Chlordane	L1321-22	1.26	ND	ug/Kg	U
5103-71-9	alpha-Chlordane	L1321-22	1.06	ND	ug/Kg	U
72-55-9	4,4'-DDE	L1321-22	1.28	ND	ug/Kg	U
959-98-8	Endosulfan I	L1321-22	1.22	ND	ug/Kg	U
60-57-1	Dieldrin	L1321-22	1.36	ND	ug/Kg	U
72-20-8	Endrin	L1321-22	1.23	ND	ug/Kg	U
72-54-8	4,4'-DDD	L1321-22	0.54	ND	ug/Kg	U
33213-65-9	Endosulfan II	L1321-22	0.97	ND	ug/Kg	U
50-29-3	4,4'-DDT	L1321-22	0.64	ND	ug/Kg	U
1031-07-8	Endosulfan sulfate	L1321-22	0.86	ND	ug/Kg	U
7421-36-3	Endrin Aldehyde	L1321-22	0.89	ND	ug/Kg	U
72-43-5	Methoxychlor	L1321-22	1.05	ND	ug/Kg	U
53494-70-5	Endrin ketone	L1321-22	1.13	ND	ug/Kg	U
8001-35-2	Toxaphene	L1321-22	43.5	ND	ug/Kg	U
57-74-9	Chlordane	L1321-22	8.30	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1321-22	81.9 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1321-22	53.8 %	(30 - 150)	

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9/29/2011

Pesticide Compounds -EPA 608/SW846 8081A

Sample: 1109412-2
Client Sample ID: B -1 (10-12') Collected: 9/21/2011 04:30
Matrix: Soil Type: Grab % Solid: 92.1%
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/23/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
319-84-6	alpha-BHC	L1321-23	0.72	ND	ug/Kg	U
58-89-9	gamma-BHC (Lindane)	L1321-23	0.90	ND	ug/Kg	U
319-85-7	beta-BHC	L1321-23	0.59	ND	ug/Kg	U
319-86-8	delta-BHC	L1321-23	1.23	ND	ug/Kg	U
76-44-8	Heptachlor	L1321-23	1.01	ND	ug/Kg	U
309-00-2	Aldrin	L1321-23	1.14	ND	ug/Kg	U
1024-57-3	Heptachlor epoxide	L1321-23	1.07	ND	ug/Kg	U
5103-74-2	gamma-Chlordane	L1321-23	1.15	ND	ug/Kg	U
5103-71-9	alpha-Chlordane	L1321-23	0.97	ND	ug/Kg	U
72-55-9	4,4'-DDE	L1321-23	1.16	ND	ug/Kg	U
959-98-8	Endosulfan I	L1321-23	1.11	ND	ug/Kg	U
60-57-1	Dieldrin	L1321-23	1.24	ND	ug/Kg	U
72-20-8	Endrin	L1321-23	1.12	ND	ug/Kg	U
72-54-8	4,4'-DDD	L1321-23	0.49	ND	ug/Kg	U
33213-65-9	Endosulfan II	L1321-23	0.88	ND	ug/Kg	U
50-29-3	4,4'-DDT	L1321-23	0.59	ND	ug/Kg	U
1031-07-8	Endosulfan sulfate	L1321-23	0.78	ND	ug/Kg	U
7421-36-3	Endrin Aldehyde	L1321-23	0.81	ND	ug/Kg	U
72-43-5	Methoxychlor	L1321-23	0.96	ND	ug/Kg	U
53494-70-5	Endrin ketone	L1321-23	1.03	ND	ug/Kg	U
8001-35-2	Toxaphene	L1321-23	39.6	ND	ug/Kg	U
57-74-9	Chlordane	L1321-23	7.56	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1321-23	69.8 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1321-23	39.5 %	(30 - 150)	

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9/29/2011

Pesticide Compounds -EPA 608/SW846 8081A

Sample: 1109412-3
Client Sample ID: B-2 (0-2') Collected: 9/21/2011 05:10
Matrix: Soil Type: Grab % Solid: 88.3%
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/23/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
319-84-6	alpha-BHC	L1321-24	0.75	ND	ug/Kg	U
58-89-9	gamma-BHC (Lindane)	L1321-24	0.94	ND	ug/Kg	U
319-85-7	beta-BHC	L1321-24	0.61	ND	ug/Kg	U
319-86-8	delta-BHC	L1321-24	1.28	ND	ug/Kg	U
76-44-8	Heptachlor	L1321-24	1.05	ND	ug/Kg	U
309-00-2	Aldrin	L1321-24	1.19	ND	ug/Kg	U
1024-57-3	Heptachlor epoxide	L1321-24	1.12	ND	ug/Kg	U
5103-74-2	gamma-Chlordane	L1321-24	1.20	ND	ug/Kg	U
5103-71-9	alpha-Chlordane	L1321-24	1.01	ND	ug/Kg	U
72-55-9	4,4'-DDE	L1321-24	1.21	ND	ug/Kg	U
959-98-8	Endosulfan I	L1321-24	1.16	ND	ug/Kg	U
60-57-1	Dieldrin	L1321-24	1.29	ND	ug/Kg	U
72-20-8	Endrin	L1321-24	1.17	ND	ug/Kg	U
72-54-8	4,4'-DDD	L1321-24	0.51	ND	ug/Kg	U
33213-65-9	Endosulfan II	L1321-24	0.92	ND	ug/Kg	U
50-29-3	4,4'-DDT	L1321-24	0.61	ND	ug/Kg	U
1031-07-8	Endosulfan sulfate	L1321-24	0.82	ND	ug/Kg	U
7421-36-3	Endrin Aldehyde	L1321-24	0.85	ND	ug/Kg	U
72-43-5	Methoxychlor	L1321-24	1.00	ND	ug/Kg	U
53494-70-5	Endrin ketone	L1321-24	1.08	ND	ug/Kg	U
8001-35-2	Toxaphene	L1321-24	41.3	ND	ug/Kg	U
57-74-9	Chlordane	L1321-24	7.88	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1321-24	86.3 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1321-24	36.9 %	(30 - 150)	

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9/29/2011

Pesticide Compounds -EPA 608/SW846 8081A

Sample: 1109412-4
Client Sample ID: B-2 (8-10') Collected: 9/21/2011 05:30
Matrix: Soil Type: Grab % Solid: 90.7%
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/23/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
319-84-6	alpha-BHC	L1321-25	0.73	ND	ug/Kg	U
58-89-9	gamma-BHC (Lindane)	L1321-25	0.92	ND	ug/Kg	U
319-85-7	beta-BHC	L1321-25	0.60	ND	ug/Kg	U
319-86-8	delta-BHC	L1321-25	1.25	ND	ug/Kg	U
76-44-8	Heptachlor	L1321-25	1.03	ND	ug/Kg	U
309-00-2	Aldrin	L1321-25	1.16	ND	ug/Kg	U
1024-57-3	Heptachlor epoxide	L1321-25	1.09	ND	ug/Kg	U
5103-74-2	gamma-Chlordane	L1321-25	1.17	ND	ug/Kg	U
5103-71-9	alpha-Chlordane	L1321-25	0.98	ND	ug/Kg	U
72-55-9	4,4'-DDE	L1321-25	1.18	ND	ug/Kg	U
959-98-8	Endosulfan I	L1321-25	1.12	ND	ug/Kg	U
60-57-1	Dieldrin	L1321-25	1.26	ND	ug/Kg	U
72-20-8	Endrin	L1321-25	1.14	ND	ug/Kg	U
72-54-8	4,4'-DDD	L1321-25	0.50	ND	ug/Kg	U
33213-65-9	Endosulfan II	L1321-25	0.89	ND	ug/Kg	U
50-29-3	4,4'-DDT	L1321-25	0.60	ND	ug/Kg	U
1031-07-8	Endosulfan sulfate	L1321-25	0.79	ND	ug/Kg	U
7421-36-3	Endrin Aldehyde	L1321-25	0.83	ND	ug/Kg	U
72-43-5	Methoxychlor	L1321-25	0.97	ND	ug/Kg	U
53494-70-5	Endrin ketone	L1321-25	1.05	ND	ug/Kg	U
8001-35-2	Toxaphene	L1321-25	40.2	ND	ug/Kg	U
57-74-9	Chlordane	L1321-25	7.67	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1321-25	45.5 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1321-25	32.0 %	(30 - 150)	

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9/29/2011

Pesticide Compounds -EPA 608/SW846 8081A

Sample: 1109412-5
Client Sample ID: B-3 (0-2') Collected: 9/21/2011 03:00
Matrix: Soil Type: Grab % Solid: 92.3%
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/23/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
319-84-6	alpha-BHC	L1321-26	0.72	ND	ug/Kg	U
58-89-9	gamma-BHC (Lindane)	L1321-26	0.90	ND	ug/Kg	U
319-85-7	beta-BHC	L1321-26	0.59	ND	ug/Kg	U
319-86-8	delta-BHC	L1321-26	1.22	ND	ug/Kg	U
76-44-8	Heptachlor	L1321-26	1.01	ND	ug/Kg	U
309-00-2	Aldrin	L1321-26	1.14	ND	ug/Kg	U
1024-57-3	Heptachlor epoxide	L1321-26	1.07	ND	ug/Kg	U
5103-74-2	gamma-Chlordane	L1321-26	1.15	ND	ug/Kg	U
5103-71-9	alpha-Chlordane	L1321-26	0.96	ND	ug/Kg	U
72-55-9	4,4'-DDE	L1321-26	1.16	ND	ug/Kg	U
959-98-8	Endosulfan I	L1321-26	1.11	ND	ug/Kg	U
60-57-1	Dieldrin	L1321-26	1.24	ND	ug/Kg	U
72-20-8	Endrin	L1321-26	1.12	ND	ug/Kg	U
72-54-8	4,4'-DDD	L1321-26	0.49	ND	ug/Kg	U
33213-65-9	Endosulfan II	L1321-26	0.88	ND	ug/Kg	U
50-29-3	4,4'-DDT	L1321-26	0.59	ND	ug/Kg	U
1031-07-8	Endosulfan sulfate	L1321-26	0.78	ND	ug/Kg	U
7421-36-3	Endrin Aldehyde	L1321-26	0.81	ND	ug/Kg	U
72-43-5	Methoxychlor	L1321-26	0.95	ND	ug/Kg	U
53494-70-5	Endrin ketone	L1321-26	1.03	ND	ug/Kg	U
8001-35-2	Toxaphene	L1321-26	39.5	ND	ug/Kg	U
57-74-9	Chlordane	L1321-26	7.54	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1321-26	84.0 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1321-26	49.6 %	(30 - 150)	

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9/29/2011

Pesticide Compounds -EPA 608/SW846 8081A

Sample: 1109412-6
Client Sample ID: B-3 (8-10') Collected: 9/21/2011 03:40
Matrix: Soil Type: Grab % Solid: 98.5%
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/23/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
319-84-6	alpha-BHC	L1321-27	0.67	ND	ug/Kg	U
58-89-9	gamma-BHC (Lindane)	L1321-27	0.84	ND	ug/Kg	U
319-85-7	beta-BHC	L1321-27	0.55	ND	ug/Kg	U
319-86-8	delta-BHC	L1321-27	1.15	ND	ug/Kg	U
76-44-8	Heptachlor	L1321-27	0.94	ND	ug/Kg	U
309-00-2	Aldrin	L1321-27	1.07	ND	ug/Kg	U
1024-57-3	Heptachlor epoxide	L1321-27	1.01	ND	ug/Kg	U
5103-74-2	gamma-Chlordane	L1321-27	1.08	ND	ug/Kg	U
5103-71-9	alpha-Chlordane	L1321-27	0.90	ND	ug/Kg	U
72-55-9	4,4'-DDE	L1321-27	1.09	ND	ug/Kg	U
959-98-8	Endosulfan I	L1321-27	1.04	ND	ug/Kg	U
60-57-1	Dieldrin	L1321-27	1.16	ND	ug/Kg	U
72-20-8	Endrin	L1321-27	1.05	ND	ug/Kg	U
72-54-8	4,4'-DDD	L1321-27	0.46	ND	ug/Kg	U
33213-65-9	Endosulfan II	L1321-27	0.82	ND	ug/Kg	U
50-29-3	4,4'-DDT	L1321-27	0.55	ND	ug/Kg	U
1031-07-8	Endosulfan sulfate	L1321-27	0.73	ND	ug/Kg	U
7421-36-3	Endrin Aldehyde	L1321-27	0.76	ND	ug/Kg	U
72-43-5	Methoxychlor	L1321-27	0.89	ND	ug/Kg	U
53494-70-5	Endrin ketone	L1321-27	0.96	ND	ug/Kg	U
8001-35-2	Toxaphene	L1321-27	37.1	ND	ug/Kg	U
57-74-9	Chlordane	L1321-27	7.07	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1321-27	86.0 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1321-27	51.2 %	(30 - 150)	

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9/29/2011

Pesticide Compounds -EPA 608/SW846 8081A

Sample: 1109412-7
Client Sample ID: B-4 (0-2') Collected: 9/21/2011 05:50
Matrix: Soil Type: Grab % Solid: 85.7%
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/23/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
319-84-6	alpha-BHC	L1321-28	0.77	ND	ug/Kg	U
58-89-9	gamma-BHC (Lindane)	L1321-28	0.97	ND	ug/Kg	U
319-85-7	beta-BHC	L1321-28	0.63	ND	ug/Kg	U
319-86-8	delta-BHC	L1321-28	1.32	ND	ug/Kg	U
76-44-8	Heptachlor	L1321-28	1.09	ND	ug/Kg	U
309-00-2	Aldrin	L1321-28	1.23	ND	ug/Kg	U
1024-57-3	Heptachlor epoxide	L1321-28	1.16	ND	ug/Kg	U
5103-74-2	gamma-Chlordane	L1321-28	1.24	ND	ug/Kg	U
5103-71-9	alpha-Chlordane	L1321-28	1.04	ND	ug/Kg	U
72-55-9	4,4'-DDE	L1321-28	1.25	ND	ug/Kg	U
959-98-8	Endosulfan I	L1321-28	1.19	ND	ug/Kg	U
60-57-1	Dieldrin	L1321-28	1.33	ND	ug/Kg	U
72-20-8	Endrin	L1321-28	1.20	ND	ug/Kg	U
72-54-8	4,4'-DDD	L1321-28	0.53	ND	ug/Kg	U
33213-65-9	Endosulfan II	L1321-28	0.95	ND	ug/Kg	U
50-29-3	4,4'-DDT	L1321-28	0.63	ND	ug/Kg	U
1031-07-8	Endosulfan sulfate	L1321-28	0.84	ND	ug/Kg	U
7421-36-3	Endrin Aldehyde	L1321-28	0.88	ND	ug/Kg	U
72-43-5	Methoxychlor	L1321-28	1.03	ND	ug/Kg	U
53494-70-5	Endrin ketone	L1321-28	1.11	ND	ug/Kg	U
8001-35-2	Toxaphene	L1321-28	42.6	ND	ug/Kg	U
57-74-9	Chlordane	L1321-28	8.12	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1321-28	92.4 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1321-28	54.0 %	(30 - 150)	

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9/29/2011

Pesticide Compounds -EPA 608/SW846 8081A

Sample: 1109412-8
Client Sample ID: B-4 (8-10') Collected: 9/21/2011 06:10
Matrix: Soil Type: Grab % Solid: 93.4%
Remarks:
Analyzed Date: 9/23/2011
Preparation Date(s) : 9/23/2011

Analytical Results

Cas No	Analyte	File ID	MDL	Result*	Units	Q
319-84-6	alpha-BHC	L1321-29	0.71	ND	ug/Kg	U
58-89-9	gamma-BHC (Lindane)	L1321-29	0.89	ND	ug/Kg	U
319-85-7	beta-BHC	L1321-29	0.58	ND	ug/Kg	U
319-86-8	delta-BHC	L1321-29	1.21	ND	ug/Kg	U
76-44-8	Heptachlor	L1321-29	1.00	ND	ug/Kg	U
309-00-2	Aldrin	L1321-29	1.12	ND	ug/Kg	U
1024-57-3	Heptachlor epoxide	L1321-29	1.06	ND	ug/Kg	U
5103-74-2	gamma-Chlordane	L1321-29	1.13	ND	ug/Kg	U
5103-71-9	alpha-Chlordane	L1321-29	0.95	ND	ug/Kg	U
72-55-9	4,4'-DDE	L1321-29	1.15	ND	ug/Kg	U
959-98-8	Endosulfan I	L1321-29	1.09	ND	ug/Kg	U
60-57-1	Dieldrin	L1321-29	1.22	ND	ug/Kg	U
72-20-8	Endrin	L1321-29	1.10	ND	ug/Kg	U
72-54-8	4,4'-DDD	L1321-29	0.48	ND	ug/Kg	U
33213-65-9	Endosulfan II	L1321-29	0.87	ND	ug/Kg	U
50-29-3	4,4'-DDT	L1321-29	0.58	ND	ug/Kg	U
1031-07-8	Endosulfan sulfate	L1321-29	0.77	ND	ug/Kg	U
7421-36-3	Endrin Aldehyde	L1321-29	0.80	ND	ug/Kg	U
72-43-5	Methoxychlor	L1321-29	0.94	ND	ug/Kg	U
53494-70-5	Endrin ketone	L1321-29	1.02	ND	ug/Kg	U
8001-35-2	Toxaphene	L1321-29	39.1	ND	ug/Kg	U
57-74-9	Chlordane	L1321-29	7.45	ND	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L1321-29	57.3 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L1321-29	32.8 %	(30 - 150)	

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9/29/2011

Mercury by SW846 7470/7471/EPA 245.1

Sample: 1109412-1
Client Sample ID: B-1 (0-2') Collected: 9/21/2011 04:10
Matrix: Soil Type: Grab % Solid: 83.9%
Remarks:
Analyzed Date: 9/28/2011
Preparation Date(s) : 9/27/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.017	ND	mg/Kg	U

* Results are reported on a dry weight basis

Sample: 1109412-2
Client Sample ID: B -1 (10-12') Collected: 9/21/2011 04:30
Matrix: Soil Type: Grab % Solid: 92.1%
Remarks:
Analyzed Date: 9/28/2011
Preparation Date(s) : 9/27/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.016	ND	mg/Kg	U

* Results are reported on a dry weight basis

Sample: 1109412-3
Client Sample ID: B-2 (0-2') Collected: 9/21/2011 05:10
Matrix: Soil Type: Grab % Solid: 88.3%
Remarks:
Analyzed Date: 9/28/2011
Preparation Date(s) : 9/27/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.015	**0.029**	mg/Kg	

* Results are reported on a dry weight basis

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9/29/2011

Mercury by SW846 7470/7471/EPA 245.1

Sample: 1109412-4
Client Sample ID: B-2 (8-10') Collected: 9/21/2011 05:30
Matrix: Soil Type: Grab % Solid: 90.7%
Remarks:
Analyzed Date: 9/28/2011
Preparation Date(s) : 9/27/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.015	**0.031**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 1109412-5
Client Sample ID: B-3 (0-2') Collected: 9/21/2011 03:00
Matrix: Soil Type: Grab % Solid: 92.3%
Remarks:
Analyzed Date: 9/28/2011
Preparation Date(s) : 9/27/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.015	ND	mg/Kg	U

* Results are reported on a dry weight basis

Sample: 1109412-6
Client Sample ID: B-3 (8-10') Collected: 9/21/2011 03:40
Matrix: Soil Type: Grab % Solid: 98.5%
Remarks:
Analyzed Date: 9/28/2011
Preparation Date(s) : 9/27/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.014	ND	mg/Kg	U

* Results are reported on a dry weight basis

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9/29/2011

Mercury by SW846 7470/7471/EPA 245.1

Sample: 1109412-7

Client Sample ID: B-4 (0-2') Collected: 9/21/2011 05:50
Matrix: Soil Type: Grab % Solid: 85.7%
Remarks:
Analyzed Date: 9/28/2011
Preparation Date(s) : 9/27/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.016	**0.030**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 1109412-8

Client Sample ID: B-4 (8-10') Collected: 9/21/2011 06:10
Matrix: Soil Type: Grab % Solid: 93.4%
Remarks:
Analyzed Date: 9/28/2011
Preparation Date(s) : 9/27/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7439-97-6	Mercury	0.015	**0.017**	mg/Kg	

* Results are reported on a dry weight basis

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9/29/2011

TAL Metals by SW846 6010

Sample: 1109412-1
Client Sample ID: B-1 (0-2') Collected: 9/21/2011 04:10
Matrix: Soil Type: Grab % Solid: 83.9%
Remarks:
Analyzed Date: 9/28/2011
Preparation Date(s) : 9/27/2011 9/26/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.51	**5010**	mg/Kg	
7440-36-0	Antimony	1.13	ND	mg/Kg	U
7440-38-2	Arsenic	0.88	ND	mg/Kg	U
7440-39-3	Barium	0.37	**58.8**	mg/Kg	
7440-41-7	Beryllium	0.22	ND	mg/Kg	U
7440-43-9	Cadmium	0.30	ND	mg/Kg	U
7440-70-2	Calcium	3.11	**1150**	mg/Kg	
7440-47-3	Chromium	0.23	**20.6**	mg/Kg	
7440-48-4	Cobalt	0.37	**10.3**	mg/Kg	
7440-50-8	Copper	0.97	**19.2**	mg/Kg	
7439-89-6	Iron	2.16	**28300**	mg/Kg	
7439-92-1	Lead	0.44	**6.75**	mg/Kg	
7439-95-4	Magnesium	4.57	**2760**	mg/Kg	
7439-96-5	Manganese	1.20	**312**	mg/Kg	
7440-02-0	Nickel	1.24	**15.9**	mg/Kg	
7440-09-7	Potassium	6.28	**3640**	mg/Kg	
7782-49-2	Selenium	0.73	ND	mg/Kg	U
7440-22-4	Silver	0.34	ND	mg/Kg	U
7440-23-5	Sodium	2.61	**121**	mg/Kg	
7440-28-0	Thallium	0.94	ND	mg/Kg	U
7440-62-2	Vanadium	0.30	**32.7**	mg/Kg	
7440-66-6	Zinc	2.52	**63.0**	mg/Kg	

* Results are reported on a dry weight basis

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9/29/2011

TAL Metals by SW846 6010

Sample: 1109412-2
Client Sample ID: B -1 (10-12') Collected: 9/21/2011 04:30
Matrix: Soil Type: Grab % Solid: 92.1%
Remarks:
Analyzed Date: 9/28/2011
Preparation Date(s) : 9/27/2011 9/26/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.39	**2620**	mg/Kg	
7440-36-0	Antimony	1.04	ND	mg/Kg	U
7440-38-2	Arsenic	0.81	ND	mg/Kg	U
7440-39-3	Barium	0.34	**34.7**	mg/Kg	
7440-41-7	Beryllium	0.20	ND	mg/Kg	U
7440-43-9	Cadmium	0.28	ND	mg/Kg	U
7440-70-2	Calcium	2.86	**4690**	mg/Kg	
7440-47-3	Chromium	0.21	**14.0**	mg/Kg	
7440-48-4	Cobalt	0.34	**6.78**	mg/Kg	
7440-50-8	Copper	0.89	**14.9**	mg/Kg	
7439-89-6	Iron	1.99	**19800**	mg/Kg	
7439-92-1	Lead	0.41	**8.41**	mg/Kg	
7439-95-4	Magnesium	4.19	**2990**	mg/Kg	
7439-96-5	Manganese	1.10	**292**	mg/Kg	
7440-02-0	Nickel	1.14	**11.7**	mg/Kg	
7440-09-7	Potassium	5.77	**1180**	mg/Kg	
7782-49-2	Selenium	0.67	ND	mg/Kg	U
7440-22-4	Silver	0.31	ND	mg/Kg	U
7440-23-5	Sodium	2.39	**105**	mg/Kg	
7440-28-0	Thallium	0.86	ND	mg/Kg	U
7440-62-2	Vanadium	0.28	**23.3**	mg/Kg	
7440-66-6	Zinc	2.32	**29.7**	mg/Kg	

* Results are reported on a dry weight basis

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9/29/2011

TAL Metals by SW846 6010

Sample: 1109412-3
Client Sample ID: B-2 (0-2') Collected: 9/21/2011 05:10
Matrix: Soil Type: Grab % Solid: 88.3%
Remarks:
Analyzed Date: 9/28/2011
Preparation Date(s) : 9/27/2011 9/26/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.40	**5130**	mg/Kg	
7440-36-0	Antimony	1.05	ND	mg/Kg	U
7440-38-2	Arsenic	0.81	ND	mg/Kg	U
7440-39-3	Barium	0.34	**59.2**	mg/Kg	
7440-41-7	Beryllium	0.20	ND	mg/Kg	U
7440-43-9	Cadmium	0.28	ND	mg/Kg	U
7440-70-2	Calcium	2.88	**1450**	mg/Kg	
7440-47-3	Chromium	0.21	**19.1**	mg/Kg	
7440-48-4	Cobalt	0.34	**8.29**	mg/Kg	
7440-50-8	Copper	0.90	**19.1**	mg/Kg	
7439-89-6	Iron	2.00	**22200**	mg/Kg	
7439-92-1	Lead	0.41	**8.79**	mg/Kg	
7439-95-4	Magnesium	4.23	**2950**	mg/Kg	
7439-96-5	Manganese	1.11	**215**	mg/Kg	
7440-02-0	Nickel	1.15	**16.4**	mg/Kg	
7440-09-7	Potassium	5.82	**2690**	mg/Kg	
7782-49-2	Selenium	0.68	ND	mg/Kg	U
7440-22-4	Silver	0.31	ND	mg/Kg	U
7440-23-5	Sodium	2.41	**111**	mg/Kg	
7440-28-0	Thallium	0.87	ND	mg/Kg	U
7440-62-2	Vanadium	0.28	**30.8**	mg/Kg	
7440-66-6	Zinc	2.34	**61.2**	mg/Kg	

* Results are reported on a dry weight basis

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9/29/2011

TAL Metals by SW846 6010

Sample: 1109412-4
Client Sample ID: B-2 (8-10') Collected: 9/21/2011 05:30
Matrix: Soil Type: Grab % Solid: 90.7%
Remarks:
Analyzed Date: 9/28/2011
Preparation Date(s) : 9/27/2011 9/26/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.38	**4210**	mg/Kg	
7440-36-0	Antimony	1.03	ND	mg/Kg	U
7440-38-2	Arsenic	0.80	ND	mg/Kg	U
7440-39-3	Barium	0.34	**51.2**	mg/Kg	
7440-41-7	Beryllium	0.20	ND	mg/Kg	U
7440-43-9	Cadmium	0.27	ND	mg/Kg	U
7440-70-2	Calcium	2.84	**7940**	mg/Kg	
7440-47-3	Chromium	0.21	**16.5**	mg/Kg	
7440-48-4	Cobalt	0.34	**7.54**	mg/Kg	
7440-50-8	Copper	0.89	**16.8**	mg/Kg	
7439-89-6	Iron	1.98	**17600**	mg/Kg	
7439-92-1	Lead	0.41	**10.5**	mg/Kg	
7439-95-4	Magnesium	4.17	**2700**	mg/Kg	
7439-96-5	Manganese	1.10	**268**	mg/Kg	
7440-02-0	Nickel	1.13	**13.1**	mg/Kg	
7440-09-7	Potassium	5.74	**1710**	mg/Kg	
7782-49-2	Selenium	0.67	ND	mg/Kg	U
7440-22-4	Silver	0.31	ND	mg/Kg	U
7440-23-5	Sodium	2.38	**274**	mg/Kg	
7440-28-0	Thallium	0.86	ND	mg/Kg	U
7440-62-2	Vanadium	0.27	**24.2**	mg/Kg	
7440-66-6	Zinc	2.31	**36.8**	mg/Kg	

* Results are reported on a dry weight basis

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9/29/2011

TAL Metals by SW846 6010

Sample: 1109412-5
Client Sample ID: B-3 (0-2') Collected: 9/21/2011 03:00
Matrix: Soil Type: Grab % Solid: 92.3%
Remarks:
Analyzed Date: 9/28/2011
Preparation Date(s) : 9/27/2011 9/26/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.36	**4130**	mg/Kg	
7440-36-0	Antimony	1.01	ND	mg/Kg	U
7440-38-2	Arsenic	0.79	ND	mg/Kg	U
7440-39-3	Barium	0.33	**49.6**	mg/Kg	
7440-41-7	Beryllium	0.19	ND	mg/Kg	U
7440-43-9	Cadmium	0.27	ND	mg/Kg	U
7440-70-2	Calcium	2.79	**962**	mg/Kg	
7440-47-3	Chromium	0.21	**17.1**	mg/Kg	
7440-48-4	Cobalt	0.33	**9.83**	mg/Kg	
7440-50-8	Copper	0.87	**13.8**	mg/Kg	
7439-89-6	Iron	1.94	**20900**	mg/Kg	
7439-92-1	Lead	0.40	**5.03**	mg/Kg	
7439-95-4	Magnesium	4.10	**2290**	mg/Kg	
7439-96-5	Manganese	1.08	**317**	mg/Kg	
7440-02-0	Nickel	1.11	**12.9**	mg/Kg	
7440-09-7	Potassium	5.64	**2070**	mg/Kg	
7782-49-2	Selenium	0.66	ND	mg/Kg	U
7440-22-4	Silver	0.30	ND	mg/Kg	U
7440-23-5	Sodium	2.34	**53.1**	mg/Kg	
7440-28-0	Thallium	0.84	ND	mg/Kg	U
7440-62-2	Vanadium	0.27	**26.4**	mg/Kg	
7440-66-6	Zinc	2.27	**44.6**	mg/Kg	

* Results are reported on a dry weight basis

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9/29/2011

TAL Metals by SW846 6010

Sample: 1109412-6
Client Sample ID: B-3 (8-10') Collected: 9/21/2011 03:40
Matrix: Soil Type: Grab % Solid: 98.5%
Remarks:
Analyzed Date: 9/28/2011
Preparation Date(s) : 9/27/2011 9/26/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.30	**1380**	mg/Kg	
7440-36-0	Antimony	0.97	ND	mg/Kg	U
7440-38-2	Arsenic	0.75	ND	mg/Kg	U
7440-39-3	Barium	0.32	**31.2**	mg/Kg	
7440-41-7	Beryllium	0.19	ND	mg/Kg	U
7440-43-9	Cadmium	0.26	ND	mg/Kg	U
7440-70-2	Calcium	2.67	**6270**	mg/Kg	
7440-47-3	Chromium	0.20	**4.46**	mg/Kg	
7440-48-4	Cobalt	0.32	**3.14**	mg/Kg	
7440-50-8	Copper	0.84	**6.92**	mg/Kg	
7439-89-6	Iron	1.86	**15200**	mg/Kg	
7439-92-1	Lead	0.38	**3.93**	mg/Kg	
7439-95-4	Magnesium	3.92	**3150**	mg/Kg	
7439-96-5	Manganese	1.03	**383**	mg/Kg	
7440-02-0	Nickel	1.06	**6.02**	mg/Kg	
7440-09-7	Potassium	5.40	**432**	mg/Kg	
7782-49-2	Selenium	0.63	ND	mg/Kg	U
7440-22-4	Silver	0.29	ND	mg/Kg	U
7440-23-5	Sodium	2.24	**57.0**	mg/Kg	
7440-28-0	Thallium	0.80	ND	mg/Kg	U
7440-62-2	Vanadium	0.26	**12.1**	mg/Kg	
7440-66-6	Zinc	2.17	**15.0**	mg/Kg	

* Results are reported on a dry weight basis

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/29/2011

TAL Metals by SW846 6010

Sample: 1109412-7
Client Sample ID: B-4 (0-2') Collected: 9/21/2011 05:50
Matrix: Soil Type: Grab % Solid: 85.7%
Remarks:
Analyzed Date: 9/28/2011
Preparation Date(s) : 9/27/2011 9/26/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.47	**4920**	mg/Kg	
7440-36-0	Antimony	1.10	ND	mg/Kg	U
7440-38-2	Arsenic	0.85	ND	mg/Kg	U
7440-39-3	Barium	0.36	**65.8**	mg/Kg	
7440-41-7	Beryllium	0.21	ND	mg/Kg	U
7440-43-9	Cadmium	0.29	ND	mg/Kg	U
7440-70-2	Calcium	3.02	**10500**	mg/Kg	
7440-47-3	Chromium	0.22	**15.8**	mg/Kg	
7440-48-4	Cobalt	0.36	**7.51**	mg/Kg	
7440-50-8	Copper	0.95	**25.8**	mg/Kg	
7439-89-6	Iron	2.10	**17300**	mg/Kg	
7439-92-1	Lead	0.43	**11.4**	mg/Kg	
7439-95-4	Magnesium	4.43	**2480**	mg/Kg	
7439-96-5	Manganese	1.17	**257**	mg/Kg	
7440-02-0	Nickel	1.20	**13.5**	mg/Kg	
7440-09-7	Potassium	6.10	**1890**	mg/Kg	
7782-49-2	Selenium	0.71	ND	mg/Kg	U
7440-22-4	Silver	0.33	ND	mg/Kg	U
7440-23-5	Sodium	2.53	**201**	mg/Kg	
7440-28-0	Thallium	0.91	ND	mg/Kg	U
7440-62-2	Vanadium	0.29	**26.4**	mg/Kg	
7440-66-6	Zinc	2.45	**47.9**	mg/Kg	

* Results are reported on a dry weight basis

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/29/2011

TAL Metals by SW846 6010

Sample: 1109412-8
Client Sample ID: B-4 (8-10') Collected: 9/21/2011 06:10
Matrix: Soil Type: Grab % Solid: 93.4%
Remarks:
Analyzed Date: 9/28/2011
Preparation Date(s) : 9/27/2011 9/26/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
7429-90-5	Aluminum	1.33	**4270**	mg/Kg	
7440-36-0	Antimony	0.99	ND	mg/Kg	U
7440-38-2	Arsenic	0.77	ND	mg/Kg	U
7440-39-3	Barium	0.33	**46.5**	mg/Kg	
7440-41-7	Beryllium	0.19	ND	mg/Kg	U
7440-43-9	Cadmium	0.26	**0.37**	mg/Kg	
7440-70-2	Calcium	2.72	**2880**	mg/Kg	
7440-47-3	Chromium	0.20	**21.5**	mg/Kg	
7440-48-4	Cobalt	0.33	**7.35**	mg/Kg	
7440-50-8	Copper	0.85	**16.9**	mg/Kg	
7439-89-6	Iron	1.89	**17100**	mg/Kg	
7439-92-1	Lead	0.39	**5.61**	mg/Kg	
7439-95-4	Magnesium	4.00	**3490**	mg/Kg	
7439-96-5	Manganese	1.05	**237**	mg/Kg	
7440-02-0	Nickel	1.08	**15.6**	mg/Kg	
7440-09-7	Potassium	5.50	**1810**	mg/Kg	
7782-49-2	Selenium	0.64	ND	mg/Kg	U
7440-22-4	Silver	0.29	ND	mg/Kg	U
7440-23-5	Sodium	2.28	**101**	mg/Kg	
7440-28-0	Thallium	0.82	ND	mg/Kg	U
7440-62-2	Vanadium	0.26	**28.5**	mg/Kg	
7440-66-6	Zinc	2.21	**34.6**	mg/Kg	

* Results are reported on a dry weight basis

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9/29/2011

Total Cyanide by SM 4500-CN C

Sample: 1109412-1
Client Sample ID: B-1 (0-2') Collected: 9/21/2011 04:10
Matrix: Soil Type: Grab % Solid: 83.9%
Remarks:
Analyzed Date: 9/29/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
57-12-5	Cyanide	0.083	ND	mg/Kg	U

* Results are reported on a dry weight basis

Sample: 1109412-2
Client Sample ID: B -1 (10-12') Collected: 9/21/2011 04:30
Matrix: Soil Type: Grab % Solid: 92.1%
Remarks:
Analyzed Date: 9/29/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
57-12-5	Cyanide	0.076	ND	mg/Kg	U

* Results are reported on a dry weight basis

Sample: 1109412-3
Client Sample ID: B-2 (0-2') Collected: 9/21/2011 05:10
Matrix: Soil Type: Grab % Solid: 88.3%
Remarks:
Analyzed Date: 9/29/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
57-12-5	Cyanide	0.079	ND	mg/Kg	U

* Results are reported on a dry weight basis

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Phone - 631-249-1456 Fax - 631-249-8344

9/29/2011

Total Cyanide by SM 4500-CN C

Sample: 1109412-4
Client Sample ID: B-2 (8-10') Collected: 9/21/2011 05:30
Matrix: Soil Type: Grab % Solid: 90.7%
Remarks:
Analyzed Date: 9/29/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
57-12-5	Cyanide	0.077	ND	mg/Kg	U

* Results are reported on a dry weight basis

Sample: 1109412-5
Client Sample ID: B-3 (0-2') Collected: 9/21/2011 03:00
Matrix: Soil Type: Grab % Solid: 92.3%
Remarks:
Analyzed Date: 9/29/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
57-12-5	Cyanide	0.076	ND	mg/Kg	U

* Results are reported on a dry weight basis

Sample: 1109412-6
Client Sample ID: B-3 (8-10') Collected: 9/21/2011 03:40
Matrix: Soil Type: Grab % Solid: 98.5%
Remarks:
Analyzed Date: 9/29/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
57-12-5	Cyanide	0.071	ND	mg/Kg	U

* Results are reported on a dry weight basis

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208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/29/2011

Total Cyanide by SM 4500-CN C

Sample: 1109412-7
Client Sample ID: B-4 (0-2') Collected: 9/21/2011 05:50
Matrix: Soil Type: Grab % Solid: 85.7%
Remarks:
Analyzed Date: 9/29/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
57-12-5	Cyanide	0.082	ND	mg/Kg	U

* Results are reported on a dry weight basis

Sample: 1109412-8
Client Sample ID: B-4 (8-10') Collected: 9/21/2011 06:10
Matrix: Soil Type: Grab % Solid: 93.4%
Remarks:
Analyzed Date: 9/29/2011

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
57-12-5	Cyanide	0.075	ND	mg/Kg	U

* Results are reported on a dry weight basis

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/29/2011

Case Narrative

EPA 8260 VOLATILE ANALYSIS:

The following compounds were calibrated at 25, 50, 100,
150 and 200 ppb levels in the initial calibration curve:
Acetone
2-Butanone
4-Methyl-2-pentanone
2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and
300 ppb levels.
Acrolein/Acrylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.
Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

Initial Calibration:
Average response factor for the quantitation method was acceptable for all compounds with the following exceptions in which linear regression was used:

Chloroethane (Coef = 0.995)
Acrolein (Coef = 0.975)

The following compounds have a %RDS greater than 15
Chloroethane
Acrolein
Tetrahydrofuran

Environmental Quality Services, Inc.
208 Route 109 Suite 101, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

9/29/2011

Case Narrative

EPA 8270 Semivolatiles

Initial Calibration:
Average Response was used as the method of quantitation with the exception of the following compounds whose %RSD was >15%. For these compounds, linear regression was used:

2,4-Dinitrophenol

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Phone - 631-249-1456 Fax - 631-249-8344

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.

J - Indicates an estimated value. The concentration reported was between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Method Detection Limit (MDL).

U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

Q - Qualifier specific entries and their meanings are as follows:

E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
P - ICP
T - Titrimetric

OTHER QUALIFIERS

ND - Not Detected

ANALYTICAL REPORT

Lab Number:	L1115166
Client:	Associated Environmental Services, Ltd. 25 Central Avenue Hauppauge, NY 11788
ATTN:	Greg Ernst
Phone:	(631) 234-4280
Project Name:	484-502A MYRTLE AVE
Project Number:	Not Specified
Report Date:	09/29/11

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NY (11627), CT (PH-0141), NH (2206), NJ (MA015), RI (LAO00299), ME (MA0030), PA (Registration #68-02089), LA NELAC (03090), FL NELAC (E87814), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified

Lab Number: L1115166
Report Date: 09/29/11

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1115166-01	SSV-1	BROOKLYN, NY	09/21/11 18:21
L1115166-02	SSV-2	BROOKLYN, NY	09/21/11 18:05
L1115166-03	SSV-3	BROOKLYN, NY	09/21/11 17:59
L1115166-04	IA-1	BROOKLYN, NY	09/21/11 18:25
L1115166-05	OA-1	BROOKLYN, NY	09/21/11 18:23

Project Name: 484-502A MYRTLE AVE **Lab Number:** L1115166
Project Number: Not Specified **Report Date:** 09/29/11

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

For additional information, please contact Client Services at 800-624-9220.

Volatile Organics in Air

The canister certification results are provided as an addendum.

L1115166-04 The RPD of the pre- and post-flow controller calibration check (35% RPD) was outside acceptable limits (< or = 20% RPD).

L1115166-01 has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L1115166-02 and -03 have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the samples.

Project Name:	484-502A MYRTLE AVE	**Lab Number:**	L1115166
Project Number:	Not Specified	**Report Date:**	09/29/11

Case Narrative (continued)

L1115166-02 through -05 results for Acetone should be considered estimated due to co-elution with a non-target peak.

L1115166-04 results for Vinyl Acetate should be considered estimated due to co-elution with a non-target peak.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kathleen M. O'Brien Kathleen O'Brien

Title: Technical Director/Representative Date: 09/29/11

59-01 Central Ave.
Farmingdale, NY 11735

Tel: (631) 414-7685
Fax: (631) 414-7688

June 01, 2012

Mark Chin
Hydro Tech Environmental
15 Ocean Avenue, 2nd Floor
Brooklyn, NY 11225

RE: 502-504 Myrtle

Enclosed are the results of analyses for samples received by the laboratory on 05/30/12 12:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Joseph P. Shaulys

ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 502-504 Myrtle	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Mark Chin	06/01/12 13:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-1 (9-10)	1205249-01	Soil	05/29/12 08:00	05/30/12 12:00
SP-2 (13-14)	1205249-02	Soil	05/29/12 08:00	05/30/12 12:00
SP-3 (7-8)	1205249-03	Soil	05/29/12 08:00	05/30/12 12:00
SP-4 8-10	1205249-04	Soil	05/29/12 08:00	05/30/12 12:00

ANALYTICAL CHEMISTS Laboratory

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Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 502-504 Myrtle	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Mark Chin	06/01/12 13:35

SP-1 (9-10)

1205249-01 (Soil)

Analytical Chemists Laboratory, LLC.

VOA MS

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Benzene	ND	1.04	ug/kg dry	VNS	05/31/12 13:46	SW 5030Mod., 8260B	
Bromobenzene	ND	2.09	"	VNS	"	"	
Bromochloromethane	ND	1.04	"	VNS	"	"	
Bromodichloromethane	ND	5.22	"	VNS	"	"	
Bromoform	ND	1.04	"	VNS	"	"	
Bromomethane	ND	2.09	"	VNS	"	"	
sec-Butylbenzene	ND	1.04	"	VNS	"	"	
n-Butylbenzene	ND	1.04	"	VNS	"	"	
tert-Butylbenzene	ND	1.04	"	VNS	"	"	
Carbon Tetrachloride	ND	2.09	"	VNS	"	"	
Chlorobenzene	ND	1.04	"	VNS	"	"	
Chloroethane	ND	2.09	"	VNS	"	"	
Chloroform	ND	1.04	"	VNS	"	"	
Chloromethane	ND	2.09	"	VNS	"	"	
2-Chlorotoluene	ND	2.09	"	VNS	"	"	
4-Chlorotoluene	ND	2.09	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	ND	2.09	"	VNS	"	"	
Dibromochloromethane	ND	2.09	"	VNS	"	"	
1,2-Dibromoethane	ND	2.09	"	VNS	"	"	
Dibromomethane	ND	1.04	"	VNS	"	"	
1,2-Dichlorobenzene	ND	1.04	"	VNS	"	"	
1,3-Dichlorobenzene	ND	2.09	"	VNS	"	"	
1,4-Dichlorobenzene	ND	1.04	"	VNS	"	"	
Dichlorodifluoromethane	ND	1.04	"	VNS	"	"	
1,1-Dichloroethane	ND	2.09	"	VNS	"	"	
1,2-Dichloroethane	ND	1.04	"	VNS	"	"	
1,1-Dichloroethene	ND	1.04	"	VNS	"	"	
cis-1,2-Dichloroethene	ND	1.04	"	VNS	"	"	
trans-1,2-Dichloroethene	ND	1.04	"	VNS	"	"	
1,3-Dichloropropane	ND	1.04	"	VNS	"	"	
2,2-Dichloropropane	ND	1.04	"	VNS	"	"	
1,2-Dichloropropane	ND	1.04	"	VNS	"	"	
trans-1,3-Dichloropropene	ND	1.04	"	VNS	"	"	
1,1-Dichloropropene	ND	1.04	"	VNS	"	"	
cis-1,3-Dichloropropene	ND	1.04	"	VNS	"	"	

Analytical Chemists Laboratory, LLC.

Joseph P. Shaulys

All results are based on the sample 'As Received' by the laboratory and no endorsement of the sample integrity prior to sample receipt is implied or given unless collected by Analytical Chemists Laboratory employees. Report must be reproduced in its enti

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Hydro Tech Environmental	Project: 502-504 Myrtle	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Mark Chin	06/01/12 13:35

SP-1 (9-10)

1205249-01 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Ethylbenzene	ND	1.04	ug/kg dry	VNS	05/31/12 13:46	SW 5030Mod., 8260B	
Hexachlorobutadiene	ND	1.04	"	VNS	"	"	
Isopropylbenzene	ND	2.09	"	VNS	"	"	
4-Isopropyltoluene	ND	1.04	"	VNS	"	"	
Methyl-tert-Butyl Ether	ND	1.04	"	VNS	"	"	
Methylene Chloride	ND	10.4	"	VNS	"	"	
n-Propylbenzene	ND	2.09	"	VNS	"	"	
Styrene	ND	1.04	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	ND	2.09	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	ND	1.04	"	VNS	"	"	
Tetrachloroethene	ND	1.04	"	VNS	"	"	
Toluene	ND	1.04	"	VNS	"	"	
1,2,3-Trichlorobenzene	ND	2.09	"	VNS	"	"	
1,1,1-Trichloroethane	ND	1.04	"	VNS	"	"	
1,1,2-Trichloroethane	ND	2.09	"	VNS	"	"	
Trichloroethene	ND	1.04	"	VNS	"	"	
Trichlorofluoromethane	ND	1.04	"	VNS	"	"	
1,2,3-Trichloropropane	ND	5.22	"	VNS	"	"	
1,2,4-Trimethylbenzene	ND	1.04	"	VNS	"	"	
1,3,5-Trimethylbenzene	ND	2.09	"	VNS	"	"	
Vinyl chloride	ND	2.09	"	VNS	"	"	
o-Xylene	ND	1.04	"	VNS	"	"	
m,p-Xylene	ND	2.09	"	VNS	"	"	
SVOA MS							
Acenaphthene	ND	261	ug/kg dry	VM	05/31/12 18:21	SW 8270C	
Acenaphthylene	ND	261	"	VM	"	"	
Anthracene	ND	261	"	VM	"	"	
Benzo (a) anthracene	ND	261	"	VM	"	"	
Benzo (a) pyrene	ND	261	"	VM	"	"	
Benzo (b) fluoranthene	ND	261	"	VM	"	"	
Benzo (g,h,i) perylene	ND	261	"	VM	"	"	
Benzo (k) fluoranthene	ND	261	"	VM	"	"	
4-Bromophenyl phenyl ether	ND	261	"	VM	"	"	
Butyl benzyl phthalate	ND	261	"	VM	"	"	

Analytical Chemists Laboratory, LLC.

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ANALYTICAL CHEMISTS Laboratory

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Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 502-504 Myrtle	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Mark Chin	06/01/12 13:35

SP-1 (9-10)

1205249-01 (Soil)

Analytical Chemists Laboratory, LLC.

SVOA MS

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
4-Chloroaniline	ND	261	ug/kg dry	VM	05/31/12 18:21	SW 8270C	
Bis(2-chloroethoxy)methane	ND	261	"	VM	"	"	
Bis(2-chloroethyl)ether	ND	261	"	VM	"	"	
Bis(2-chloroisopropyl)ether	ND	261	"	VM	"	"	
2-Chloronaphthalene	ND	261	"	VM	"	"	
4-Chlorophenyl phenyl ether	ND	261	"	VM	"	"	
Chrysene	ND	261	"	VM	"	"	
Dibenz (a,h) anthracene	ND	261	"	VM	"	"	
Di-n-butyl phthalate	ND	261	"	VM	"	"	
3,3´-Dichlorobenzidine	ND	261	"	VM	"	"	
Diethyl phthalate	ND	261	"	VM	"	"	
Dimethyl phthalate	ND	261	"	VM	"	"	
2,4-Dinitrotoluene	ND	261	"	VM	"	"	
2,6-Dinitrotoluene	ND	261	"	VM	"	"	
Di-n-octyl phthalate	ND	261	"	VM	"	"	
Bis(2-ethylhexyl)phthalate	ND	313	"	VM	"	"	
Fluoranthene	ND	261	"	VM	"	"	
Fluorene	ND	261	"	VM	"	"	
Hexachlorobenzene	ND	261	"	VM	"	"	
Hexachlorobutadiene	ND	261	"	VM	"	"	
Hexachlorocyclopentadiene	ND	522	"	VM	"	"	
Hexachloroethane	ND	261	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	ND	261	"	VM	"	"	
Isophorone	ND	261	"	VM	"	"	
2-Methylnaphthalene	ND	261	"	VM	"	"	
Naphthalene	ND	261	"	VM	"	"	
3-Nitroaniline	ND	261	"	VM	"	"	
2-Nitroaniline	ND	261	"	VM	"	"	
4-Nitroaniline	ND	261	"	VM	"	"	
Nitrobenzene	ND	261	"	VM	"	"	
N-Nitrosodiphenylamine	ND	261	"	VM	"	"	
N-Nitrosodi-n-propylamine	ND	261	"	VM	"	"	
Phenanthrene	ND	261	"	VM	"	"	
Pyrene	ND	261	"	VM	"	"	
1,2,4-Trichlorobenzene	ND	261	"	VM	"	"	

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ANALYTICAL CHEMISTS
Ac Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 502-504 Myrtle	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Mark Chin	06/01/12 13:35

SP-1 (9-10)

1205249-01 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier

ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 502-504 Myrtle	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Mark Chin	06/01/12 13:35

SP-2 (13-14)

1205249-02 (Soil)

Analytical Chemists Laboratory, LLC.

VOA MS

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Benzene	ND	1.05	ug/kg dry	VNS	05/31/12 14:24	SW 5030Mod., 8260B	
Bromobenzene	ND	2.10	"	VNS	"	"	
Bromochloromethane	ND	1.05	"	VNS	"	"	
Bromodichloromethane	ND	5.26	"	VNS	"	"	
Bromoform	ND	1.05	"	VNS	"	"	
Bromomethane	ND	2.10	"	VNS	"	"	
sec-Butylbenzene	ND	1.05	"	VNS	"	"	
n-Butylbenzene	ND	1.05	"	VNS	"	"	
tert-Butylbenzene	ND	1.05	"	VNS	"	"	
Carbon Tetrachloride	ND	2.10	"	VNS	"	"	
Chlorobenzene	ND	1.05	"	VNS	"	"	
Chloroethane	ND	2.10	"	VNS	"	"	
Chloroform	ND	1.05	"	VNS	"	"	
Chloromethane	ND	2.10	"	VNS	"	"	
2-Chlorotoluene	ND	2.10	"	VNS	"	"	
4-Chlorotoluene	ND	2.10	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	ND	2.10	"	VNS	"	"	
Dibromochloromethane	ND	2.10	"	VNS	"	"	
1,2-Dibromoethane	ND	2.10	"	VNS	"	"	
Dibromomethane	ND	1.05	"	VNS	"	"	
1,2-Dichlorobenzene	ND	1.05	"	VNS	"	"	
1,3-Dichlorobenzene	ND	2.10	"	VNS	"	"	
1,4-Dichlorobenzene	ND	1.05	"	VNS	"	"	
Dichlorodifluoromethane	ND	1.05	"	VNS	"	"	
1,1-Dichloroethane	ND	2.10	"	VNS	"	"	
1,2-Dichloroethane	ND	1.05	"	VNS	"	"	
1,1-Dichloroethene	ND	1.05	"	VNS	"	"	
cis-1,2-Dichloroethene	ND	1.05	"	VNS	"	"	
trans-1,2-Dichloroethene	ND	1.05	"	VNS	"	"	
1,3-Dichloropropane	ND	1.05	"	VNS	"	"	
2,2-Dichloropropane	ND	1.05	"	VNS	"	"	
1,2-Dichloropropane	ND	1.05	"	VNS	"	"	
trans-1,3-Dichloropropene	ND	1.05	"	VNS	"	"	
1,1-Dichloropropene	ND	1.05	"	VNS	"	"	
cis-1,3-Dichloropropene	ND	1.05	"	VNS	"	"	

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Hydro Tech Environmental	Project: 502-504 Myrtle	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Mark Chin	06/01/12 13:35

SP-2 (13-14)

1205249-02 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Ethylbenzene	ND	1.05	ug/kg dry	VNS	05/31/12 14:24	SW 5030Mod., 8260B	
Hexachlorobutadiene	ND	1.05	"	VNS	"	"	
Isopropylbenzene	ND	2.10	"	VNS	"	"	
4-Isopropyltoluene	ND	1.05	"	VNS	"	"	
Methyl-tert-Butyl Ether	ND	1.05	"	VNS	"	"	
Methylene Chloride	ND	10.5	"	VNS	"	"	
n-Propylbenzene	ND	2.10	"	VNS	"	"	
Styrene	ND	1.05	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	ND	2.10	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	ND	1.05	"	VNS	"	"	
Tetrachloroethene	ND	1.05	"	VNS	"	"	
Toluene	ND	1.05	"	VNS	"	"	
1,2,3-Trichlorobenzene	ND	2.10	"	VNS	"	"	
1,1,1-Trichloroethane	ND	1.05	"	VNS	"	"	
1,1,2-Trichloroethane	ND	2.10	"	VNS	"	"	
Trichloroethene	ND	1.05	"	VNS	"	"	
Trichlorofluoromethane	ND	1.05	"	VNS	"	"	
1,2,3-Trichloropropane	ND	5.26	"	VNS	"	"	
1,2,4-Trimethylbenzene	ND	1.05	"	VNS	"	"	
1,3,5-Trimethylbenzene	ND	2.10	"	VNS	"	"	
Vinyl chloride	ND	2.10	"	VNS	"	"	
o-Xylene	ND	1.05	"	VNS	"	"	
m,p-Xylene	ND	2.10	"	VNS	"	"	
SVOA MS							
Acenaphthene	ND	263	ug/kg dry	VM	05/31/12 19:13	SW 8270C	
Acenaphthylene	ND	263	"	VM	"	"	
Anthracene	ND	263	"	VM	"	"	
Benzo (a) anthracene	ND	263	"	VM	"	"	
Benzo (a) pyrene	ND	263	"	VM	"	"	
Benzo (b) fluoranthene	ND	263	"	VM	"	"	
Benzo (g,h,i) perylene	ND	263	"	VM	"	"	
Benzo (k) fluoranthene	ND	263	"	VM	"	"	
4-Bromophenyl phenyl ether	ND	263	"	VM	"	"	
Butyl benzyl phthalate	ND	263	"	VM	"	"	

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Fax: (631) 414-7688

Hydro Tech Environmental	Project: 502-504 Myrtle	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Mark Chin	06/01/12 13:35

SP-2 (13-14)

1205249-02 (Soil)

Analytical Chemists Laboratory, LLC.

SVOA MS

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
4-Chloroaniline	ND	263	ug/kg dry	VM	05/31/12 19:13	SW 8270C	
Bis(2-chloroethoxy)methane	ND	263	"	VM	"	"	
Bis(2-chloroethyl)ether	ND	263	"	VM	"	"	
Bis(2-chloroisopropyl)ether	ND	263	"	VM	"	"	
2-Chloronaphthalene	ND	263	"	VM	"	"	
4-Chlorophenyl phenyl ether	ND	263	"	VM	"	"	
Chrysene	ND	263	"	VM	"	"	
Dibenz (a,h) anthracene	ND	263	"	VM	"	"	
Di-n-butyl phthalate	ND	263	"	VM	"	"	
3,3´-Dichlorobenzidine	ND	263	"	VM	"	"	
Diethyl phthalate	ND	263	"	VM	"	"	
Dimethyl phthalate	ND	263	"	VM	"	"	
2,4-Dinitrotoluene	ND	263	"	VM	"	"	
2,6-Dinitrotoluene	ND	263	"	VM	"	"	
Di-n-octyl phthalate	ND	263	"	VM	"	"	
Bis(2-ethylhexyl)phthalate	ND	315	"	VM	"	"	
Fluoranthene	ND	263	"	VM	"	"	
Fluorene	ND	263	"	VM	"	"	
Hexachlorobenzene	ND	263	"	VM	"	"	
Hexachlorobutadiene	ND	263	"	VM	"	"	
Hexachlorocyclopentadiene	ND	526	"	VM	"	"	
Hexachloroethane	ND	263	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	ND	263	"	VM	"	"	
Isophorone	ND	263	"	VM	"	"	
2-Methylnaphthalene	ND	263	"	VM	"	"	
Naphthalene	ND	263	"	VM	"	"	
3-Nitroaniline	ND	263	"	VM	"	"	
2-Nitroaniline	ND	263	"	VM	"	"	
4-Nitroaniline	ND	263	"	VM	"	"	
Nitrobenzene	ND	263	"	VM	"	"	
N-Nitrosodiphenylamine	ND	263	"	VM	"	"	
N-Nitrosodi-n-propylamine	ND	263	"	VM	"	"	
Phenanthrene	ND	263	"	VM	"	"	
Pyrene	ND	263	"	VM	"	"	
1,2,4-Trichlorobenzene	ND	263	"	VM	"	"	

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Fax: (631) 414-7688

Hydro Tech Environmental	Project: 502-504 Myrtle	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Mark Chin	06/01/12 13:35

SP-2 (13-14)

1205249-02 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier

ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 502-504 Myrtle	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Mark Chin	06/01/12 13:35

SP-3 (7-8)

1205249-03 (Soil)

Analytical Chemists Laboratory, LLC.

VOA MS

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Benzene	ND	1.06	ug/kg dry	VNS	05/31/12 15:03	SW 5030Mod., 8260B	
Bromobenzene	ND	2.13	"	VNS	"	"	
Bromochloromethane	ND	1.06	"	VNS	"	"	
Bromodichloromethane	ND	5.31	"	VNS	"	"	
Bromoform	ND	1.06	"	VNS	"	"	
Bromomethane	ND	2.13	"	VNS	"	"	
sec-Butylbenzene	ND	1.06	"	VNS	"	"	
n-Butylbenzene	ND	1.06	"	VNS	"	"	
tert-Butylbenzene	ND	1.06	"	VNS	"	"	
Carbon Tetrachloride	ND	2.13	"	VNS	"	"	
Chlorobenzene	ND	1.06	"	VNS	"	"	
Chloroethane	ND	2.13	"	VNS	"	"	
Chloroform	ND	1.06	"	VNS	"	"	
Chloromethane	ND	2.13	"	VNS	"	"	
2-Chlorotoluene	ND	2.13	"	VNS	"	"	
4-Chlorotoluene	ND	2.13	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	ND	2.13	"	VNS	"	"	
Dibromochloromethane	ND	2.13	"	VNS	"	"	
1,2-Dibromoethane	ND	2.13	"	VNS	"	"	
Dibromomethane	ND	1.06	"	VNS	"	"	
1,2-Dichlorobenzene	ND	1.06	"	VNS	"	"	
1,3-Dichlorobenzene	ND	2.13	"	VNS	"	"	
1,4-Dichlorobenzene	ND	1.06	"	VNS	"	"	
Dichlorodifluoromethane	ND	1.06	"	VNS	"	"	
1,1-Dichloroethane	ND	2.13	"	VNS	"	"	
1,2-Dichloroethane	ND	1.06	"	VNS	"	"	
1,1-Dichloroethene	ND	1.06	"	VNS	"	"	
cis-1,2-Dichloroethene	ND	1.06	"	VNS	"	"	
trans-1,2-Dichloroethene	ND	1.06	"	VNS	"	"	
1,3-Dichloropropane	ND	1.06	"	VNS	"	"	
2,2-Dichloropropane	ND	1.06	"	VNS	"	"	
1,2-Dichloropropane	ND	1.06	"	VNS	"	"	
trans-1,3-Dichloropropene	ND	1.06	"	VNS	"	"	
1,1-Dichloropropene	ND	1.06	"	VNS	"	"	
cis-1,3-Dichloropropene	ND	1.06	"	VNS	"	"	

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Fax: (631) 414-7688

Hydro Tech Environmental	Project: 502-504 Myrtle	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	Reported:
Brooklyn NY, 11225	Project Manager: Mark Chin	06/01/12 13:35

SP-3 (7-8)

1205249-03 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Ethylbenzene	ND	1.06	ug/kg dry	VNS	05/31/12 15:03	SW 5030Mod., 8260B	
Hexachlorobutadiene	ND	1.06	"	VNS	"	"	
Isopropylbenzene	ND	2.13	"	VNS	"	"	
4-Isopropyltoluene	ND	1.06	"	VNS	"	"	
Methyl-tert-Butyl Ether	ND	1.06	"	VNS	"	"	
Methylene Chloride	ND	10.6	"	VNS	"	"	
n-Propylbenzene	ND	2.13	"	VNS	"	"	
Styrene	ND	1.06	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	ND	2.13	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	ND	1.06	"	VNS	"	"	
Tetrachloroethene	ND	1.06	"	VNS	"	"	
Toluene	ND	1.06	"	VNS	"	"	
1,2,3-Trichlorobenzene	ND	2.13	"	VNS	"	"	
1,1,1-Trichloroethane	ND	1.06	"	VNS	"	"	
1,1,2-Trichloroethane	ND	2.13	"	VNS	"	"	
Trichloroethene	ND	1.06	"	VNS	"	"	
Trichlorofluoromethane	ND	1.06	"	VNS	"	"	
1,2,3-Trichloropropane	ND	5.31	"	VNS	"	"	
1,2,4-Trimethylbenzene	ND	1.06	"	VNS	"	"	
1,3,5-Trimethylbenzene	ND	2.13	"	VNS	"	"	
Vinyl chloride	ND	2.13	"	VNS	"	"	
o-Xylene	ND	1.06	"	VNS	"	"	
m,p-Xylene	ND	2.13	"	VNS	"	"	
SVOA MS							
Acenaphthene	ND	266	ug/kg dry	VM	05/31/12 20:04	SW 8270C	
Acenaphthylene	ND	266	"	VM	"	"	
Anthracene	ND	266	"	VM	"	"	
Benzo (a) anthracene	ND	266	"	VM	"	"	
Benzo (a) pyrene	ND	266	"	VM	"	"	
Benzo (b) fluoranthene	ND	266	"	VM	"	"	
Benzo (g,h,i) perylene	ND	266	"	VM	"	"	
Benzo (k) fluoranthene	ND	266	"	VM	"	"	
4-Bromophenyl phenyl ether	ND	266	"	VM	"	"	
Butyl benzyl phthalate	ND	266	"	VM	"	"	

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Hydro Tech Environmental	Project: 502-504 Myrtle	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Mark Chin	06/01/12 13:35

SP-3 (7-8)

1205249-03 (Soil)

Analytical Chemists Laboratory, LLC.

SVOA MS

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
4-Chloroaniline	ND	266	ug/kg dry	VM	05/31/12 20:04	SW 8270C	
Bis(2-chloroethoxy)methane	ND	266	"	VM	"	"	
Bis(2-chloroethyl)ether	ND	266	"	VM	"	"	
Bis(2-chloroisopropyl)ether	ND	266	"	VM	"	"	
2-Chloronaphthalene	ND	266	"	VM	"	"	
4-Chlorophenyl phenyl ether	ND	266	"	VM	"	"	
Chrysene	ND	266	"	VM	"	"	
Dibenz (a,h) anthracene	ND	266	"	VM	"	"	
Di-n-butyl phthalate	ND	266	"	VM	"	"	
3,3´-Dichlorobenzidine	ND	266	"	VM	"	"	
Diethyl phthalate	ND	266	"	VM	"	"	
Dimethyl phthalate	ND	266	"	VM	"	"	
2,4-Dinitrotoluene	ND	266	"	VM	"	"	
2,6-Dinitrotoluene	ND	266	"	VM	"	"	
Di-n-octyl phthalate	ND	266	"	VM	"	"	
Bis(2-ethylhexyl)phthalate	ND	319	"	VM	"	"	
Fluoranthene	ND	266	"	VM	"	"	
Fluorene	ND	266	"	VM	"	"	
Hexachlorobenzene	ND	266	"	VM	"	"	
Hexachlorobutadiene	ND	266	"	VM	"	"	
Hexachlorocyclopentadiene	ND	531	"	VM	"	"	
Hexachloroethane	ND	266	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	ND	266	"	VM	"	"	
Isophorone	ND	266	"	VM	"	"	
2-Methylnaphthalene	ND	266	"	VM	"	"	
Naphthalene	ND	266	"	VM	"	"	
3-Nitroaniline	ND	266	"	VM	"	"	
2-Nitroaniline	ND	266	"	VM	"	"	
4-Nitroaniline	ND	266	"	VM	"	"	
Nitrobenzene	ND	266	"	VM	"	"	
N-Nitrosodiphenylamine	ND	266	"	VM	"	"	
N-Nitrosodi-n-propylamine	ND	266	"	VM	"	"	
Phenanthrene	ND	266	"	VM	"	"	
Pyrene	ND	266	"	VM	"	"	
1,2,4-Trichlorobenzene	ND	266	"	VM	"	"	

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Hydro Tech Environmental	Project: 502-504 Myrtle	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Mark Chin	06/01/12 13:35

SP-3 (7-8)

1205249-03 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier

ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 502-504 Myrtle	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Mark Chin	06/01/12 13:35

SP-4 8-10

1205249-04 (Soil)

Analytical Chemists Laboratory, LLC.

VOA MS

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Benzene	ND	1.10	ug/kg dry	VNS	05/31/12 15:41	SW 5030Mod., 8260B	
Bromobenzene	ND	2.21	"	VNS	"	"	
Bromochloromethane	ND	1.10	"	VNS	"	"	
Bromodichloromethane	ND	5.52	"	VNS	"	"	
Bromoform	ND	1.10	"	VNS	"	"	
Bromomethane	ND	2.21	"	VNS	"	"	
sec-Butylbenzene	ND	1.10	"	VNS	"	"	
n-Butylbenzene	ND	1.10	"	VNS	"	"	
tert-Butylbenzene	ND	1.10	"	VNS	"	"	
Carbon Tetrachloride	ND	2.21	"	VNS	"	"	
Chlorobenzene	ND	1.10	"	VNS	"	"	
Chloroethane	ND	2.21	"	VNS	"	"	
Chloroform	ND	1.10	"	VNS	"	"	
Chloromethane	ND	2.21	"	VNS	"	"	
2-Chlorotoluene	ND	2.21	"	VNS	"	"	
4-Chlorotoluene	ND	2.21	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	ND	2.21	"	VNS	"	"	
Dibromochloromethane	ND	2.21	"	VNS	"	"	
1,2-Dibromoethane	ND	2.21	"	VNS	"	"	
Dibromomethane	ND	1.10	"	VNS	"	"	
1,2-Dichlorobenzene	ND	1.10	"	VNS	"	"	
1,3-Dichlorobenzene	ND	2.21	"	VNS	"	"	
1,4-Dichlorobenzene	ND	1.10	"	VNS	"	"	
Dichlorodifluoromethane	ND	1.10	"	VNS	"	"	
1,1-Dichloroethane	ND	2.21	"	VNS	"	"	
1,2-Dichloroethane	ND	1.10	"	VNS	"	"	
1,1-Dichloroethene	ND	1.10	"	VNS	"	"	
cis-1,2-Dichloroethene	ND	1.10	"	VNS	"	"	
trans-1,2-Dichloroethene	ND	1.10	"	VNS	"	"	
1,3-Dichloropropane	ND	1.10	"	VNS	"	"	
2,2-Dichloropropane	ND	1.10	"	VNS	"	"	
1,2-Dichloropropane	ND	1.10	"	VNS	"	"	
trans-1,3-Dichloropropene	ND	1.10	"	VNS	"	"	
1,1-Dichloropropene	ND	1.10	"	VNS	"	"	
cis-1,3-Dichloropropene	ND	1.10	"	VNS	"	"	

Analytical Chemists Laboratory, LLC.

Joseph P. Shaulys

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 502-504 Myrtle	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Mark Chin	06/01/12 13:35

SP-4 8-10

1205249-04 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Ethylbenzene	ND	1.10	ug/kg dry	VNS	05/31/12 15:41	SW 5030Mod., 8260B	
Hexachlorobutadiene	ND	1.10	"	VNS	"	"	
Isopropylbenzene	ND	2.21	"	VNS	"	"	
4-Isopropyltoluene	ND	1.10	"	VNS	"	"	
Methyl-tert-Butyl Ether	ND	1.10	"	VNS	"	"	
Methylene Chloride	ND	11.0	"	VNS	"	"	
n-Propylbenzene	ND	2.21	"	VNS	"	"	
Styrene	ND	1.10	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	ND	2.21	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	ND	1.10	"	VNS	"	"	
Tetrachloroethene	ND	1.10	"	VNS	"	"	
Toluene	ND	1.10	"	VNS	"	"	
1,2,3-Trichlorobenzene	ND	2.21	"	VNS	"	"	
1,1,1-Trichloroethane	ND	1.10	"	VNS	"	"	
1,1,2-Trichloroethane	ND	2.21	"	VNS	"	"	
Trichloroethene	ND	1.10	"	VNS	"	"	
Trichlorofluoromethane	ND	1.10	"	VNS	"	"	
1,2,3-Trichloropropane	ND	5.52	"	VNS	"	"	
1,2,4-Trimethylbenzene	ND	1.10	"	VNS	"	"	
1,3,5-Trimethylbenzene	ND	2.21	"	VNS	"	"	
Vinyl chloride	ND	2.21	"	VNS	"	"	
o-Xylene	ND	1.10	"	VNS	"	"	
m,p-Xylene	ND	2.21	"	VNS	"	"	
SVOA MS							
Acenaphthene	ND	276	ug/kg dry	VM	05/31/12 20:56	SW 8270C	
Acenaphthylene	ND	276	"	VM	"	"	
Anthracene	ND	276	"	VM	"	"	
Benzo (a) anthracene	ND	276	"	VM	"	"	
Benzo (a) pyrene	ND	276	"	VM	"	"	
Benzo (b) fluoranthene	ND	276	"	VM	"	"	
Benzo (g,h,i) perylene	ND	276	"	VM	"	"	
Benzo (k) fluoranthene	ND	276	"	VM	"	"	
4-Bromophenyl phenyl ether	ND	276	"	VM	"	"	
Butyl benzyl phthalate	ND	276	"	VM	"	"	

Analytical Chemists Laboratory, LLC.

Joseph P. Shaulys

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Hydro Tech Environmental	Project: 502-504 Myrtle	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Mark Chin	06/01/12 13:35

SP-4 8-10

1205249-04 (Soil)

Analytical Chemists Laboratory, LLC.

SVOA MS

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
4-Chloroaniline	ND	276	ug/kg dry	VM	05/31/12 20:56	SW 8270C	
Bis(2-chloroethoxy)methane	ND	276	"	VM	"	"	
Bis(2-chloroethyl)ether	ND	276	"	VM	"	"	
Bis(2-chloroisopropyl)ether	ND	276	"	VM	"	"	
2-Chloronaphthalene	ND	276	"	VM	"	"	
4-Chlorophenyl phenyl ether	ND	276	"	VM	"	"	
Chrysene	ND	276	"	VM	"	"	
Dibenz (a,h) anthracene	ND	276	"	VM	"	"	
Di-n-butyl phthalate	ND	276	"	VM	"	"	
3,3´-Dichlorobenzidine	ND	276	"	VM	"	"	
Diethyl phthalate	ND	276	"	VM	"	"	
Dimethyl phthalate	ND	276	"	VM	"	"	
2,4-Dinitrotoluene	ND	276	"	VM	"	"	
2,6-Dinitrotoluene	ND	276	"	VM	"	"	
Di-n-octyl phthalate	ND	276	"	VM	"	"	
Bis(2-ethylhexyl)phthalate	ND	331	"	VM	"	"	
Fluoranthene	ND	276	"	VM	"	"	
Fluorene	ND	276	"	VM	"	"	
Hexachlorobenzene	ND	276	"	VM	"	"	
Hexachlorobutadiene	ND	276	"	VM	"	"	
Hexachlorocyclopentadiene	ND	552	"	VM	"	"	
Hexachloroethane	ND	276	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	ND	276	"	VM	"	"	
Isophorone	ND	276	"	VM	"	"	
2-Methylnaphthalene	ND	276	"	VM	"	"	
Naphthalene	ND	276	"	VM	"	"	
3-Nitroaniline	ND	276	"	VM	"	"	
2-Nitroaniline	ND	276	"	VM	"	"	
4-Nitroaniline	ND	276	"	VM	"	"	
Nitrobenzene	ND	276	"	VM	"	"	
N-Nitrosodiphenylamine	ND	276	"	VM	"	"	
N-Nitrosodi-n-propylamine	ND	276	"	VM	"	"	
Phenanthrene	ND	276	"	VM	"	"	
Pyrene	ND	276	"	VM	"	"	
1,2,4-Trichlorobenzene	ND	276	"	VM	"	"	

ANALYTICAL CHEMISTS
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59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 502-504 Myrtle	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Mark Chin	06/01/12 13:35

SP-4 8-10

1205249-04 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier

ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 502-504 Myrtle	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Mark Chin	06/01/12 13:35

Notes and Definitions

S-BN	Base/Neutral surrogate recovery outside of control limits. The data was accepted based on valid recovery of remaining two base/neutral surrogates.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-11	The recovery of spiked analytes in the LCS associated with the sample was above the QC limits. Reported results may be high biased.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
SM	Standard Methods for the Examination of Water and Wastewater, 18th edition.
EPA	40 Code of Federal Regulations, Part 136, October 26, 1984.
SW	SW 846 3rd Edition.
LT	Lachat Method Manual, "*Methods List for Automated Ion Analyzers*" ,February 2004.
dry	Sample results reported on a dry weight basis.

CHAIN OF CUSTODY RECORD

ANALYTICAL CHEMISTS
59-01 Central Ave. * Farmingdale, NY 11735
Tel: (631) 414-7685 * Fax: (631) 414-7688
Info@achemlabs.com * achemlabs.com
NYSDOH #10950 NJDEP #NY006 USEPA #NY01292

Client Name: Hydro Tech Envi.Corp.
Address: 15 Ocean Avenue, 2nd Fl
City/State/Zip: Brooklyn, New York 11225
Telephone No.: 718 636 0800 718 636 0900

Report To: Mark Chin
P.O. Number: 1200108
Project ID: 502-504 Myrtle
Results Needed: 3Day TAT
Rush T/A Only

Matrix Codes: W-Water, WW-Wastewater, GW-Groundwater, S-Soil, SL-Sludge, SD-Solid, O-Oil, P-Paint Chips, WP-Wipe

Preservative Code: N-Nitric Acid, S-Sulfuric Acid, H-Hydrochloric Acid, SA-Soduim Hydroxide/Ascorbic Acid

Sample ID / Description	Date Sampled	Time Sampled	Matrix Code	Grab	Composite	# of containers: Plastic Bottles	Glass Jar	VOA Vial	Plastic Bag	Other (specify):	Preservative Code	Analyze For: VOC	SVOC							
SP-1 (9-10)	5/29	11:00	S	X			X													
SP-2 (13-14)																				
SP-3 (7-8)																				
SP-4 8-10																				

Special Instructions:
Mark Chin

Sampled by:	Date	Time	Received by:	Date	Time
	5/29/12				
Relinquished by:	**Date**	**Time**	**Received by:**	**Date**	**Time**
Relinquished by:	**Date**	**Time**	**Received by:**	**Date**	**Time**
				5/30/12	12:00

Laboratory Comments:

Temperature Upon Receipt: 5.7°C
Samples Received On Ice? Y N
Sample Containers Intact? Y N
Samples Properly Preserved? Y N
VOCs Free of Headspace? Y N

59-01 Central Ave.
Farmingdale, NY 11735

Tel: (631) 414-7685
Fax: (631) 414-7688

November 20, 2012

Paul Matli
Hydro Tech Environmental
15 Ocean Avenue, 2nd Floor
Brooklyn, NY 11225

RE: 409-504 Myrtle Ave, Brooklyn, NY

Enclosed are the results of analyses for samples received by the laboratory on 11/16/12 19:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Michael E. Miller, Ph.D.

ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-5 0-2'	1211141-01	Soil	11/16/12 16:00	11/16/12 19:10
SP-5 12'-14'	1211141-02	Soil	11/16/12 16:00	11/16/12 19:10
SP-6 0'-2'	1211141-03	Soil	11/16/12 10:00	11/16/12 19:10
SP-6 4'-6'	1211141-04	Soil	11/16/12 10:00	11/16/12 19:10
SP-11 0-2'	1211141-05	Soil	11/15/12 10:00	11/16/12 19:10
SP-11 4'-6'	1211141-06	Soil	11/15/12 10:00	11/16/12 19:10
SP-12 0-2'	1211141-07	Soil	11/15/12 10:00	11/16/12 19:10
SP-12 4'-6'	1211141-08	Soil	11/15/12 10:00	11/16/12 19:10
SP-13 0-2'	1211141-09	Soil	11/15/12 16:00	11/16/12 19:10
SP-13 2'-4'	1211141-10	Soil	11/15/12 16:00	11/16/12 19:10
SP-14 0-2'	1211141-11	Soil	11/15/12 16:00	11/16/12 19:10
SP-14 2'-4'	1211141-12	Soil	11/15/12 16:00	11/16/12 19:10
SP-15 0-2'	1211141-13	Soil	11/15/12 16:00	11/16/12 19:10
SP-15 4'-6'	1211141-14	Soil	11/15/12 16:00	11/16/12 19:10
Field Blank	1211141-15	Water	11/15/12 16:00	11/16/12 19:10
Trip Blank	1211141-16	Water	11/15/12 16:00	11/16/12 19:10

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-5 0-2'

1211141-01 (Soil)

Analytical Chemists Laboratory, LLC.

Total Metals

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Aluminum	**7610**	82.2	mg/kg dry	MEM	11/19/12 15:15	SW 6010B	QM-07
Antimony	<1.64	1.64	"	MEM	11/19/12 13:10	"	QM-07
Arsenic	<1.64	1.64	"	MEM	"	"	QM-07
Barium	**151**	8.22	"	MEM	11/19/12 15:15	"	QM-07
Beryllium	<0.164	0.164	"	MEM	11/19/12 13:10	"	
Cadmium	**1.71**	0.822	"	MEM	"	"	
Calcium	**16000**	82.2	"	MEM	11/19/12 15:15	"	QM-07
Chromium	**7.02**	0.822	"	MEM	11/19/12 13:10	"	
Hexavalent Chromium	<0.270	0.270	"	HT	11/17/12 12:23	SW 7196A	
Trivalent Chromium	**6.96**	1.08	"	MEM	11/20/12 14:29	Calc	
Cobalt	**7.99**	0.329	"	MEM	11/19/12 13:10	SW 6010B	
Copper	**17.8**	0.164	"	MEM	"	"	B, QB-01
Iron	**22700**	82.2	"	MEM	11/19/12 15:15	"	QM-07
Lead	**190**	1.64	"	MEM	11/19/12 13:10	"	QM-07
Magnesium	**3860**	82.2	"	MEM	11/19/12 15:15	"	QM-07
Manganese	**402**	8.22	"	MEM	"	"	QM-07
Mercury	**0.097**	0.016	"	MEM	11/19/12 13:45	SW 7471A	
Nickel	**15.2**	0.822	"	MEM	11/19/12 13:10	SW 6010B	
Potassium	**2530**	82.2	"	MEM	11/19/12 15:15	"	
Selenium	<0.822	0.822	"	MEM	11/19/12 13:10	"	
Silver	<0.822	0.822	"	MEM	"	"	
Sodium	**202**	1.64	"	MEM	"	"	QM-07
Thallium	<1.64	1.64	"	MEM	"	"	
Vanadium	**33.9**	0.164	"	MEM	"	"	
Zinc	**123**	0.822	"	MEM	"	"	QM-07

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-5 0-2'

1211141-01 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
VOA MS							
Benzene	<1.08	1.08	ug/kg dry	VNS	11/19/12 12:51	SW 5035, 8260B	
Bromobenzene	<2.16	2.16	"	VNS	"	"	
Bromochloromethane	<1.08	1.08	"	VNS	"	"	
Bromodichloromethane	<5.41	5.41	"	VNS	"	"	
Bromoform	<1.08	1.08	"	VNS	"	"	
Bromomethane	<2.16	2.16	"	VNS	"	"	
sec-Butylbenzene	<1.08	1.08	"	VNS	"	"	
n-Butylbenzene	<1.08	1.08	"	VNS	"	"	
tert-Butylbenzene	<1.08	1.08	"	VNS	"	"	
Carbon Tetrachloride	<2.16	2.16	"	VNS	"	"	
Chlorobenzene	<1.08	1.08	"	VNS	"	"	
Chloroethane	<2.16	2.16	"	VNS	"	"	
Chloroform	<1.08	1.08	"	VNS	"	"	
Chloromethane	<2.16	2.16	"	VNS	"	"	
2-Chlorotoluene	<2.16	2.16	"	VNS	"	"	
4-Chlorotoluene	<2.16	2.16	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	<2.16	2.16	"	VNS	"	"	
Dibromochloromethane	<2.16	2.16	"	VNS	"	"	
1,2-Dibromoethane	<2.16	2.16	"	VNS	"	"	
Dibromomethane	<1.08	1.08	"	VNS	"	"	
1,2-Dichlorobenzene	<1.08	1.08	"	VNS	"	"	
1,3-Dichlorobenzene	<2.16	2.16	"	VNS	"	"	
1,4-Dichlorobenzene	<1.08	1.08	"	VNS	"	"	
Dichlorodifluoromethane	<1.08	1.08	"	VNS	"	"	
1,1-Dichloroethane	<2.16	2.16	"	VNS	"	"	
1,2-Dichloroethane	<1.08	1.08	"	VNS	"	"	
1,1-Dichloroethene	<1.08	1.08	"	VNS	"	"	
cis-1,2-Dichloroethene	<1.08	1.08	"	VNS	"	"	
trans-1,2-Dichloroethene	<1.08	1.08	"	VNS	"	"	
1,3-Dichloropropane	<1.08	1.08	"	VNS	"	"	
2,2-Dichloropropane	<1.08	1.08	"	VNS	"	"	
1,2-Dichloropropane	<1.08	1.08	"	VNS	"	"	
trans-1,3-Dichloropropene	<1.08	1.08	"	VNS	"	"	
1,1-Dichloropropene	<1.08	1.08	"	VNS	"	"	
cis-1,3-Dichloropropene	<1.08	1.08	"	VNS	"	"	
Ethylbenzene	<1.08	1.08	"	VNS	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-5 0-2'

1211141-01 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
VOA MS							
Hexachlorobutadiene	<1.08	1.08	ug/kg dry	VNS	11/19/12 12:51	SW 5035, 8260B	
Isopropylbenzene	<2.16	2.16	"	VNS	"	"	
4-Isopropyltoluene	<1.08	1.08	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.08	1.08	"	VNS	"	"	
Methylene Chloride	<10.8	10.8	"	VNS	"	"	
n-Propylbenzene	<2.16	2.16	"	VNS	"	"	
Styrene	<1.08	1.08	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	<2.16	2.16	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	<1.08	1.08	"	VNS	"	"	
Tetrachloroethene	**1.87**	1.08	"	VNS	"	"	
Toluene	<1.08	1.08	"	VNS	"	"	
1,2,3-Trichlorobenzene	<2.16	2.16	"	VNS	"	"	
1,1,1-Trichloroethane	<1.08	1.08	"	VNS	"	"	
1,1,2-Trichloroethane	<2.16	2.16	"	VNS	"	"	
Trichloroethene	<1.08	1.08	"	VNS	"	"	
Trichlorofluoromethane	<1.08	1.08	"	VNS	"	"	
1,2,3-Trichloropropane	<5.41	5.41	"	VNS	"	"	
1,2,4-Trimethylbenzene	<1.08	1.08	"	VNS	"	"	
1,3,5-Trimethylbenzene	<2.16	2.16	"	VNS	"	"	
Vinyl chloride	<2.16	2.16	"	VNS	"	"	
m,p-Xylene	<2.16	2.16	"	VNS	"	"	
o-Xylene	<1.08	1.08	"	VNS	"	"	
SVOA MS							
Acenaphthene	<270	270	ug/kg dry	VM	11/19/12 21:34	SW 3545, 8270C	
Acenaphthylene	<270	270	"	VM	"	"	
Anthracene	<270	270	"	VM	"	"	
Benzo (a) anthracene	**703**	270	"	VM	"	"	
Benzo (a) pyrene	**796**	270	"	VM	"	"	
Benzo (b) fluoranthene	**972**	270	"	VM	"	"	
Benzo (g,h,i) perylene	**444**	270	"	VM	"	"	
Benzo (k) fluoranthene	**551**	270	"	VM	"	"	
4-Bromophenyl phenyl ether	<270	270	"	VM	"	"	
Butyl benzyl phthalate	**996**	270	"	VM	"	"	
4-Chloroaniline	<270	270	"	VM	"	"	
Bis(2-chloroethoxy)methane	<270	270	"	VM	"	"	

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-5 0-2'

1211141-01 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
SVOA MS							
Bis(2-chloroethyl)ether	<270	270	ug/kg dry	VM	11/19/12 21:34	SW 3545, 8270C	
Bis(2-chloroisopropyl)ether	<270	270	"	VM	"	"	
2-Chloronaphthalene	<270	270	"	VM	"	"	
4-Chlorophenyl phenyl ether	<270	270	"	VM	"	"	
Chrysene	**716**	270	"	VM	"	"	
Dibenz (a,h) anthracene	<270	270	"	VM	"	"	
Di-n-butyl phthalate	<270	270	"	VM	"	"	
3,3´-Dichlorobenzidine	<270	270	"	VM	"	"	
Diethyl phthalate	<270	270	"	VM	"	"	
Dimethyl phthalate	<270	270	"	VM	"	"	
2,4-Dinitrotoluene	<270	270	"	VM	"	"	
2,6-Dinitrotoluene	<270	270	"	VM	"	"	
Di-n-octyl phthalate	<270	270	"	VM	"	"	
Bis(2-ethylhexyl)phthalate	<324	324	"	VM	"	"	
Fluoranthene	**1050**	270	"	VM	"	"	
Fluorene	<270	270	"	VM	"	"	
Hexachlorobenzene	<270	270	"	VM	"	"	
Hexachlorobutadiene	<270	270	"	VM	"	"	
Hexachlorocyclopentadiene	<541	541	"	VM	"	"	
Hexachloroethane	<270	270	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	**467**	270	"	VM	"	"	
Isophorone	<270	270	"	VM	"	"	
2-Methylnaphthalene	<270	270	"	VM	"	"	
Naphthalene	<270	270	"	VM	"	"	
3-Nitroaniline	<270	270	"	VM	"	"	
2-Nitroaniline	<270	270	"	VM	"	"	
4-Nitroaniline	<270	270	"	VM	"	"	
Nitrobenzene	<270	270	"	VM	"	"	
N-Nitrosodiphenylamine	<270	270	"	VM	"	"	
N-Nitrosodi-n-propylamine	<270	270	"	VM	"	"	
Phenanthrene	**307**	270	"	VM	"	"	
Pyrene	**965**	270	"	VM	"	"	
1,2,4-Trichlorobenzene	<270	270	"	VM	"	"	

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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ANALYTICAL CHEMISTS Laboratory

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Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-5 0-2'

1211141-01 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
Pesticides							
alpha-BHC	<5.41	5.41	ug/kg dry	NU	11/20/12 13:58	SW 3545, 8081	
alpha-Chlordane	<5.41	5.41	"	NU	"	"	
beta-BHC	<5.41	5.41	"	NU	"	"	
Aldrin	<5.41	5.41	"	NU	"	"	
gamma-BHC (Lindane)	<5.41	5.41	"	NU	"	"	
gamma-Chlordane	<5.41	5.41	"	NU	"	"	
Heptachlor	<5.41	5.41	"	NU	"	"	
Heptachlor epoxide	<5.41	5.41	"	NU	"	"	
delta-BHC	<5.41	5.41	"	NU	"	"	
Endosulfan I	<5.41	5.41	"	NU	"	"	
Endosulfan II	<5.41	5.41	"	NU	"	"	
Endosulfan sulfate	<5.41	5.41	"	NU	"	"	
Endrin	<5.41	5.41	"	NU	"	"	
Endrin aldehyde	<5.41	5.41	"	NU	"	"	
Endrin ketone	<5.41	5.41	"	NU	"	"	
4,4´-DDD	<5.41	5.41	"	NU	"	"	
4,4´-DDE	<5.41	5.41	"	NU	"	"	
4,4´-DDT	<5.41	5.41	"	NU	"	"	
Methoxychlor	<5.41	5.41	"	NU	"	"	
Dieldrin	<5.41	5.41	"	NU	"	"	
Chlordane (technical)	<54.1	54.1	"	NU	"	"	
Toxaphene	<270	270	"	NU	"	"	
PCB							
Aroclor 1016	<70.3	70.3	ug/kg dry	NU	11/20/12 15:53	SW 3545, 8082	
Aroclor 1221	<108	108	"	NU	"	"	
Aroclor 1232	<77.8	77.8	"	NU	"	"	
Aroclor 1242	<108	108	"	NU	"	"	
Aroclor 1248	<64.9	64.9	"	NU	"	"	
Aroclor 1254	<32.4	32.4	"	NU	"	"	
Aroclor 1260	<108	108	"	NU	"	"	

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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ANALYTICAL CHEMISTS Laboratory

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Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-5 12'-14'

1211141-02 (Soil)

Analytical Chemists Laboratory, LLC.

Total Metals

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Aluminum	**12900**	95.1	mg/kg dry	MEM	11/19/12 15:21	SW 6010B	
Antimony	<1.90	1.90	"	MEM	11/19/12 13:29	"	
Arsenic	<1.90	1.90	"	MEM	"	"	
Barium	**125**	9.51	"	MEM	11/19/12 15:21	"	
Beryllium	<0.190	0.190	"	MEM	11/19/12 13:29	"	
Cadmium	**2.42**	0.951	"	MEM	"	"	
Calcium	**4330**	95.1	"	MEM	11/19/12 15:21	"	
Chromium	**14.1**	0.951	"	MEM	11/19/12 13:29	"	
Hexavalent Chromium	<0.297	0.297	"	HT	11/17/12 12:23	SW 7196A	
Trivalent Chromium	**14.1**	1.19	"	MEM	11/20/12 14:29	Calc	
Cobalt	**14.3**	0.380	"	MEM	11/19/12 13:29	SW 6010B	
Copper	**27.5**	0.190	"	MEM	"	"	B, QB-01
Iron	**34800**	95.1	"	MEM	11/19/12 15:21	"	
Lead	**8.15**	1.90	"	MEM	11/19/12 13:29	"	
Magnesium	**6940**	95.1	"	MEM	11/19/12 15:21	"	
Manganese	**448**	9.51	"	MEM	"	"	
Mercury	<0.016	0.016	"	MEM	11/19/12 13:47	SW 7471A	
Nickel	**26.2**	0.951	"	MEM	11/19/12 13:29	SW 6010B	
Potassium	**5220**	95.1	"	MEM	11/19/12 15:21	"	
Selenium	<0.951	0.951	"	MEM	11/19/12 13:29	"	
Silver	<0.951	0.951	"	MEM	"	"	
Sodium	**198**	1.90	"	MEM	"	"	
Thallium	**4.56**	1.90	"	MEM	"	"	
Vanadium	**55.2**	0.190	"	MEM	"	"	
Zinc	**94.1**	0.951	"	MEM	"	"	

Analytical Chemists Laboratory, LLC.

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Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-5 12'-14'

1211141-02 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Benzene	<1.19	1.19	ug/kg dry	VNS	11/19/12 13:32	SW 5035, 8260B	
Bromobenzene	<2.38	2.38	"	VNS	"	"	
Bromochloromethane	<1.19	1.19	"	VNS	"	"	
Bromodichloromethane	<5.94	5.94	"	VNS	"	"	
Bromoform	<1.19	1.19	"	VNS	"	"	
Bromomethane	<2.38	2.38	"	VNS	"	"	
sec-Butylbenzene	<1.19	1.19	"	VNS	"	"	
n-Butylbenzene	<1.19	1.19	"	VNS	"	"	
tert-Butylbenzene	<1.19	1.19	"	VNS	"	"	
Carbon Tetrachloride	<2.38	2.38	"	VNS	"	"	
Chlorobenzene	<1.19	1.19	"	VNS	"	"	
Chloroethane	<2.38	2.38	"	VNS	"	"	
Chloroform	<1.19	1.19	"	VNS	"	"	
Chloromethane	<2.38	2.38	"	VNS	"	"	
2-Chlorotoluene	<2.38	2.38	"	VNS	"	"	
4-Chlorotoluene	<2.38	2.38	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	<2.38	2.38	"	VNS	"	"	
Dibromochloromethane	<2.38	2.38	"	VNS	"	"	
1,2-Dibromoethane	<2.38	2.38	"	VNS	"	"	
Dibromomethane	<1.19	1.19	"	VNS	"	"	
1,2-Dichlorobenzene	<1.19	1.19	"	VNS	"	"	
1,3-Dichlorobenzene	<2.38	2.38	"	VNS	"	"	
1,4-Dichlorobenzene	<1.19	1.19	"	VNS	"	"	
Dichlorodifluoromethane	<1.19	1.19	"	VNS	"	"	
1,1-Dichloroethane	<2.38	2.38	"	VNS	"	"	
1,2-Dichloroethane	<1.19	1.19	"	VNS	"	"	
1,1-Dichloroethene	<1.19	1.19	"	VNS	"	"	
cis-1,2-Dichloroethene	<1.19	1.19	"	VNS	"	"	
trans-1,2-Dichloroethene	<1.19	1.19	"	VNS	"	"	
1,3-Dichloropropane	<1.19	1.19	"	VNS	"	"	
2,2-Dichloropropane	<1.19	1.19	"	VNS	"	"	
1,2-Dichloropropane	<1.19	1.19	"	VNS	"	"	
trans-1,3-Dichloropropene	<1.19	1.19	"	VNS	"	"	
1,1-Dichloropropene	<1.19	1.19	"	VNS	"	"	
cis-1,3-Dichloropropene	<1.19	1.19	"	VNS	"	"	
Ethylbenzene	<1.19	1.19	"	VNS	"	"	

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ANALYTICAL CHEMISTS Laboratory

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Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-5 12'-14'

1211141-02 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Hexachlorobutadiene	<1.19	1.19	ug/kg dry	VNS	11/19/12 13:32	SW 5035, 8260B	
Isopropylbenzene	<2.38	2.38	"	VNS	"	"	
4-Isopropyltoluene	<1.19	1.19	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.19	1.19	"	VNS	"	"	
Methylene Chloride	<11.9	11.9	"	VNS	"	"	
n-Propylbenzene	<2.38	2.38	"	VNS	"	"	
Styrene	<1.19	1.19	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	<2.38	2.38	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	<1.19	1.19	"	VNS	"	"	
Tetrachloroethene	<1.19	1.19	"	VNS	"	"	
Toluene	<1.19	1.19	"	VNS	"	"	
1,2,3-Trichlorobenzene	<2.38	2.38	"	VNS	"	"	
1,1,1-Trichloroethane	<1.19	1.19	"	VNS	"	"	
1,1,2-Trichloroethane	<2.38	2.38	"	VNS	"	"	
Trichloroethene	<1.19	1.19	"	VNS	"	"	
Trichlorofluoromethane	<1.19	1.19	"	VNS	"	"	
1,2,3-Trichloropropane	<5.94	5.94	"	VNS	"	"	
1,2,4-Trimethylbenzene	<1.19	1.19	"	VNS	"	"	
1,3,5-Trimethylbenzene	<2.38	2.38	"	VNS	"	"	
Vinyl chloride	<2.38	2.38	"	VNS	"	"	
m,p-Xylene	<2.38	2.38	"	VNS	"	"	
o-Xylene	<1.19	1.19	"	VNS	"	"	
SVOA MS							
Acenaphthene	<297	297	ug/kg dry	VM	11/19/12 15:50	SW 3545, 8270C	
Acenaphthylene	<297	297	"	VM	"	"	
Anthracene	<297	297	"	VM	"	"	
Benzo (a) anthracene	<297	297	"	VM	"	"	
Benzo (a) pyrene	<297	297	"	VM	"	"	
Benzo (b) fluoranthene	<297	297	"	VM	"	"	
Benzo (g,h,i) perylene	<297	297	"	VM	"	"	
Benzo (k) fluoranthene	<297	297	"	VM	"	"	
4-Bromophenyl phenyl ether	<297	297	"	VM	"	"	
Butyl benzyl phthalate	<297	297	"	VM	"	"	
4-Chloroaniline	<297	297	"	VM	"	"	
Bis(2-chloroethoxy)methane	<297	297	"	VM	"	"	

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Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-5 12'-14'

1211141-02 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
SVOA MS							
Bis(2-chloroethyl)ether	<297	297	ug/kg dry	VM	11/19/12 15:50	SW 3545, 8270C	
Bis(2-chloroisopropyl)ether	<297	297	"	VM	"	"	
2-Chloronaphthalene	<297	297	"	VM	"	"	
4-Chlorophenyl phenyl ether	<297	297	"	VM	"	"	
Chrysene	<297	297	"	VM	"	"	
Dibenz (a,h) anthracene	<297	297	"	VM	"	"	
Di-n-butyl phthalate	<297	297	"	VM	"	"	
3,3´-Dichlorobenzidine	<297	297	"	VM	"	"	
Diethyl phthalate	<297	297	"	VM	"	"	
Dimethyl phthalate	<297	297	"	VM	"	"	
2,4-Dinitrotoluene	<297	297	"	VM	"	"	
2,6-Dinitrotoluene	<297	297	"	VM	"	"	
Di-n-octyl phthalate	<297	297	"	VM	"	"	
Bis(2-ethylhexyl)phthalate	<356	356	"	VM	"	"	
Fluoranthene	<297	297	"	VM	"	"	
Fluorene	<297	297	"	VM	"	"	
Hexachlorobenzene	<297	297	"	VM	"	"	
Hexachlorobutadiene	<297	297	"	VM	"	"	
Hexachlorocyclopentadiene	<594	594	"	VM	"	"	
Hexachloroethane	<297	297	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	<297	297	"	VM	"	"	
Isophorone	<297	297	"	VM	"	"	
2-Methylnaphthalene	<297	297	"	VM	"	"	
Naphthalene	<297	297	"	VM	"	"	
3-Nitroaniline	<297	297	"	VM	"	"	
2-Nitroaniline	<297	297	"	VM	"	"	
4-Nitroaniline	<297	297	"	VM	"	"	
Nitrobenzene	<297	297	"	VM	"	"	
N-Nitrosodiphenylamine	<297	297	"	VM	"	"	
N-Nitrosodi-n-propylamine	<297	297	"	VM	"	"	
Phenanthrene	<297	297	"	VM	"	"	
Pyrene	<297	297	"	VM	"	"	
1,2,4-Trichlorobenzene	<297	297	"	VM	"	"	

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-5 12'-14'

1211141-02 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Pesticides							
alpha-BHC	<5.94	5.94	ug/kg dry	NU	11/20/12 13:58	SW 3545, 8081	
alpha-Chlordane	<5.94	5.94	"	NU	"	"	
beta-BHC	<5.94	5.94	"	NU	"	"	
Aldrin	<5.94	5.94	"	NU	"	"	
gamma-BHC (Lindane)	<5.94	5.94	"	NU	"	"	
gamma-Chlordane	<5.94	5.94	"	NU	"	"	
Heptachlor	<5.94	5.94	"	NU	"	"	
Heptachlor epoxide	<5.94	5.94	"	NU	"	"	
delta-BHC	<5.94	5.94	"	NU	"	"	
Endosulfan I	<5.94	5.94	"	NU	"	"	
Endosulfan II	<5.94	5.94	"	NU	"	"	
Endosulfan sulfate	<5.94	5.94	"	NU	"	"	
Endrin	<5.94	5.94	"	NU	"	"	
Endrin aldehyde	<5.94	5.94	"	NU	"	"	
Endrin ketone	<5.94	5.94	"	NU	"	"	
4,4´-DDD	<5.94	5.94	"	NU	"	"	
4,4´-DDE	<5.94	5.94	"	NU	"	"	
4,4´-DDT	<5.94	5.94	"	NU	"	"	
Methoxychlor	<5.94	5.94	"	NU	"	"	
Dieldrin	<5.94	5.94	"	NU	"	"	
Chlordane (technical)	<59.4	59.4	"	NU	"	"	
Toxaphene	<297	297	"	NU	"	"	
PCB							
Aroclor 1016	<77.2	77.2	ug/kg dry	NU	11/20/12 15:53	SW 3545, 8082	
Aroclor 1221	<119	119	"	NU	"	"	
Aroclor 1232	<85.5	85.5	"	NU	"	"	
Aroclor 1242	<119	119	"	NU	"	"	
Aroclor 1248	<71.3	71.3	"	NU	"	"	
Aroclor 1254	<35.6	35.6	"	NU	"	"	
Aroclor 1260	<119	119	"	NU	"	"	

ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-6 0'-2'

1211141-03 (Soil)

Analytical Chemists Laboratory, LLC.

Total Metals

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Aluminum	**8020**	83.5	mg/kg dry	MEM	11/19/12 15:27	SW 6010B	
Antimony	<1.67	1.67	"	MEM	11/19/12 13:35	"	
Arsenic	<1.67	1.67	"	MEM	"	"	
Barium	**62.5**	0.167	"	MEM	"	"	
Beryllium	<0.167	0.167	"	MEM	"	"	
Cadmium	**1.62**	0.835	"	MEM	"	"	
Calcium	**2590**	83.5	"	MEM	11/19/12 15:27	"	
Chromium	**5.57**	0.835	"	MEM	11/19/12 13:35	"	
Hexavalent Chromium	<0.265	0.265	"	HT	11/17/12 12:23	SW 7196A	
Trivalent Chromium	**5.49**	1.06	"	MEM	11/20/12 14:29	Calc	
Cobalt	**10.1**	0.334	"	MEM	11/19/12 13:35	SW 6010B	
Copper	**16.5**	0.167	"	MEM	"	"	QB-01, B
Iron	**27100**	83.5	"	MEM	11/19/12 15:27	"	
Lead	**8.00**	1.67	"	MEM	11/19/12 13:35	"	
Magnesium	**4160**	83.5	"	MEM	11/19/12 15:27	"	
Manganese	**327**	8.35	"	MEM	"	"	
Mercury	<0.013	0.013	"	MEM	11/19/12 13:49	SW 7471A	
Nickel	**19.0**	0.835	"	MEM	11/19/12 13:35	SW 6010B	
Potassium	**3120**	83.5	"	MEM	11/19/12 15:27	"	
Selenium	<0.835	0.835	"	MEM	11/19/12 13:35	"	
Silver	<0.835	0.835	"	MEM	"	"	
Sodium	**119**	1.67	"	MEM	"	"	
Thallium	**1.98**	1.67	"	MEM	"	"	
Vanadium	**40.6**	0.167	"	MEM	"	"	
Zinc	**63.9**	0.835	"	MEM	"	"	

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-6 0'-2'

1211141-03 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Benzene	<1.06	1.06	ug/kg dry	VNS	11/19/12 14:43	SW 5035, 8260B	
Bromobenzene	<2.12	2.12	"	VNS	"	"	
Bromochloromethane	<1.06	1.06	"	VNS	"	"	
Bromodichloromethane	<5.30	5.30	"	VNS	"	"	
Bromoform	<1.06	1.06	"	VNS	"	"	
Bromomethane	<2.12	2.12	"	VNS	"	"	
sec-Butylbenzene	<1.06	1.06	"	VNS	"	"	
n-Butylbenzene	<1.06	1.06	"	VNS	"	"	
tert-Butylbenzene	<1.06	1.06	"	VNS	"	"	
Carbon Tetrachloride	<2.12	2.12	"	VNS	"	"	
Chlorobenzene	<1.06	1.06	"	VNS	"	"	
Chloroethane	<2.12	2.12	"	VNS	"	"	
Chloroform	<1.06	1.06	"	VNS	"	"	
Chloromethane	<2.12	2.12	"	VNS	"	"	
2-Chlorotoluene	<2.12	2.12	"	VNS	"	"	
4-Chlorotoluene	<2.12	2.12	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	<2.12	2.12	"	VNS	"	"	
Dibromochloromethane	<2.12	2.12	"	VNS	"	"	
1,2-Dibromoethane	<2.12	2.12	"	VNS	"	"	
Dibromomethane	<1.06	1.06	"	VNS	"	"	
1,2-Dichlorobenzene	<1.06	1.06	"	VNS	"	"	
1,3-Dichlorobenzene	<2.12	2.12	"	VNS	"	"	
1,4-Dichlorobenzene	<1.06	1.06	"	VNS	"	"	
Dichlorodifluoromethane	<1.06	1.06	"	VNS	"	"	
1,1-Dichloroethane	<2.12	2.12	"	VNS	"	"	
1,2-Dichloroethane	<1.06	1.06	"	VNS	"	"	
1,1-Dichloroethene	<1.06	1.06	"	VNS	"	"	
cis-1,2-Dichloroethene	<1.06	1.06	"	VNS	"	"	
trans-1,2-Dichloroethene	<1.06	1.06	"	VNS	"	"	
1,3-Dichloropropane	<1.06	1.06	"	VNS	"	"	
2,2-Dichloropropane	<1.06	1.06	"	VNS	"	"	
1,2-Dichloropropane	<1.06	1.06	"	VNS	"	"	
trans-1,3-Dichloropropene	<1.06	1.06	"	VNS	"	"	
1,1-Dichloropropene	<1.06	1.06	"	VNS	"	"	
cis-1,3-Dichloropropene	<1.06	1.06	"	VNS	"	"	
Ethylbenzene	<1.06	1.06	"	VNS	"	"	

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Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-6 0'-2'

1211141-03 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Hexachlorobutadiene	<1.06	1.06	ug/kg dry	VNS	11/19/12 14:43	SW 5035, 8260B	
Isopropylbenzene	<2.12	2.12	"	VNS	"	"	
4-Isopropyltoluene	<1.06	1.06	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.06	1.06	"	VNS	"	"	
Methylene Chloride	<10.6	10.6	"	VNS	"	"	
n-Propylbenzene	<2.12	2.12	"	VNS	"	"	
Styrene	<1.06	1.06	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	<2.12	2.12	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	<1.06	1.06	"	VNS	"	"	
Tetrachloroethene	<1.06	1.06	"	VNS	"	"	
Toluene	<1.06	1.06	"	VNS	"	"	
1,2,3-Trichlorobenzene	<2.12	2.12	"	VNS	"	"	
1,1,1-Trichloroethane	<1.06	1.06	"	VNS	"	"	
1,1,2-Trichloroethane	<2.12	2.12	"	VNS	"	"	
Trichloroethene	<1.06	1.06	"	VNS	"	"	
Trichlorofluoromethane	<1.06	1.06	"	VNS	"	"	
1,2,3-Trichloropropane	<5.30	5.30	"	VNS	"	"	
1,2,4-Trimethylbenzene	<1.06	1.06	"	VNS	"	"	
1,3,5-Trimethylbenzene	<2.12	2.12	"	VNS	"	"	
Vinyl chloride	<2.12	2.12	"	VNS	"	"	
o-Xylene	<1.06	1.06	"	VNS	"	"	
m,p-Xylene	<2.12	2.12	"	VNS	"	"	
SVOA MS							
Acenaphthene	<265	265	ug/kg dry	VM	11/19/12 16:18	SW 3545, 8270C	
Acenaphthylene	<265	265	"	VM	"	"	
Anthracene	<265	265	"	VM	"	"	
Benzo (a) anthracene	<265	265	"	VM	"	"	
Benzo (a) pyrene	<265	265	"	VM	"	"	
Benzo (b) fluoranthene	<265	265	"	VM	"	"	
Benzo (g,h,i) perylene	<265	265	"	VM	"	"	
Benzo (k) fluoranthene	<265	265	"	VM	"	"	
4-Bromophenyl phenyl ether	<265	265	"	VM	"	"	
Butyl benzyl phthalate	<265	265	"	VM	"	"	
4-Chloroaniline	<265	265	"	VM	"	"	
Bis(2-chloroethoxy)methane	<265	265	"	VM	"	"	

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Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-6 0'-2'

1211141-03 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
SVOA MS							
Bis(2-chloroethyl)ether	<265	265	ug/kg dry	VM	11/19/12 16:18	SW 3545, 8270C	
Bis(2-chloroisopropyl)ether	<265	265	"	VM	"	"	
2-Chloronaphthalene	<265	265	"	VM	"	"	
4-Chlorophenyl phenyl ether	<265	265	"	VM	"	"	
Chrysene	<265	265	"	VM	"	"	
Dibenz (a,h) anthracene	<265	265	"	VM	"	"	
Di-n-butyl phthalate	<265	265	"	VM	"	"	
3,3´-Dichlorobenzidine	<265	265	"	VM	"	"	
Diethyl phthalate	<265	265	"	VM	"	"	
Dimethyl phthalate	<265	265	"	VM	"	"	
2,4-Dinitrotoluene	<265	265	"	VM	"	"	
2,6-Dinitrotoluene	<265	265	"	VM	"	"	
Di-n-octyl phthalate	<265	265	"	VM	"	"	
Bis(2-ethylhexyl)phthalate	<318	318	"	VM	"	"	
Fluoranthene	<265	265	"	VM	"	"	
Fluorene	<265	265	"	VM	"	"	
Hexachlorobenzene	<265	265	"	VM	"	"	
Hexachlorobutadiene	<265	265	"	VM	"	"	
Hexachlorocyclopentadiene	<530	530	"	VM	"	"	
Hexachloroethane	<265	265	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	<265	265	"	VM	"	"	
Isophorone	<265	265	"	VM	"	"	
2-Methylnaphthalene	<265	265	"	VM	"	"	
Naphthalene	<265	265	"	VM	"	"	
3-Nitroaniline	<265	265	"	VM	"	"	
2-Nitroaniline	<265	265	"	VM	"	"	
4-Nitroaniline	<265	265	"	VM	"	"	
Nitrobenzene	<265	265	"	VM	"	"	
N-Nitrosodiphenylamine	<265	265	"	VM	"	"	
N-Nitrosodi-n-propylamine	<265	265	"	VM	"	"	
Phenanthrene	<265	265	"	VM	"	"	
Pyrene	<265	265	"	VM	"	"	
1,2,4-Trichlorobenzene	<265	265	"	VM	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-6 0'-2'

1211141-03 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
Pesticides							
alpha-BHC	<5.30	5.30	ug/kg dry	NU	11/20/12 13:58	SW 3545, 8081	
alpha-Chlordane	<5.30	5.30	"	NU	"	"	
beta-BHC	<5.30	5.30	"	NU	"	"	
Aldrin	<5.30	5.30	"	NU	"	"	
gamma-BHC (Lindane)	<5.30	5.30	"	NU	"	"	
gamma-Chlordane	<5.30	5.30	"	NU	"	"	
Heptachlor	<5.30	5.30	"	NU	"	"	
Heptachlor epoxide	<5.30	5.30	"	NU	"	"	
delta-BHC	<5.30	5.30	"	NU	"	"	
Endosulfan I	<5.30	5.30	"	NU	"	"	
Endosulfan II	<5.30	5.30	"	NU	"	"	
Endosulfan sulfate	<5.30	5.30	"	NU	"	"	
Endrin	<5.30	5.30	"	NU	"	"	
Endrin aldehyde	<5.30	5.30	"	NU	"	"	
Endrin ketone	<5.30	5.30	"	NU	"	"	
4,4´-DDD	<5.30	5.30	"	NU	"	"	
4,4´-DDE	<5.30	5.30	"	NU	"	"	
4,4´-DDT	<5.30	5.30	"	NU	"	"	
Methoxychlor	<5.30	5.30	"	NU	"	"	
Dieldrin	<5.30	5.30	"	NU	"	"	
Chlordane (technical)	<53.0	53.0	"	NU	"	"	
Toxaphene	<265	265	"	NU	"	"	
PCB							
Aroclor 1016	<68.9	68.9	ug/kg dry	NU	11/20/12 15:53	SW 3545, 8082	
Aroclor 1221	<106	106	"	NU	"	"	
Aroclor 1232	<76.4	76.4	"	NU	"	"	
Aroclor 1242	<106	106	"	NU	"	"	
Aroclor 1248	<63.6	63.6	"	NU	"	"	
Aroclor 1254	<31.8	31.8	"	NU	"	"	
Aroclor 1260	<106	106	"	NU	"	"	

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Tel: (631) 414-7685
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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-6 4'-6'

1211141-04 (Soil)

Analytical Chemists Laboratory, LLC.

Total Metals

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Aluminum	**9400**	94.9	mg/kg dry	MEM	11/19/12 15:33	SW 6010B	
Antimony	<1.90	1.90	"	MEM	11/19/12 13:41	"	
Arsenic	<1.90	1.90	"	MEM	"	"	
Barium	**73.9**	0.190	"	MEM	"	"	
Beryllium	<0.190	0.190	"	MEM	"	"	
Cadmium	**1.80**	0.949	"	MEM	"	"	
Calcium	**2610**	94.9	"	MEM	11/19/12 15:33	"	
Chromium	**8.68**	0.949	"	MEM	11/19/12 13:41	"	
Hexavalent Chromium	<0.293	0.293	"	HT	11/17/12 12:23	SW 7196A	
Trivalent Chromium	**8.68**	1.17	"	MEM	11/20/12 14:29	Calc	
Cobalt	**13.1**	0.379	"	MEM	11/19/12 13:41	SW 6010B	
Copper	**20.9**	0.190	"	MEM	"	"	QB-01, B
Iron	**28400**	94.9	"	MEM	11/19/12 15:33	"	
Lead	**6.83**	1.90	"	MEM	11/19/12 13:41	"	
Magnesium	**4860**	94.9	"	MEM	11/19/12 15:33	"	
Manganese	**479**	9.49	"	MEM	"	"	
Mercury	<0.018	0.018	"	MEM	11/19/12 13:50	SW 7471A	
Nickel	**22.5**	0.949	"	MEM	11/19/12 13:41	SW 6010B	
Potassium	**3650**	94.9	"	MEM	11/19/12 15:33	"	
Selenium	<0.949	0.949	"	MEM	11/19/12 13:41	"	
Silver	<0.949	0.949	"	MEM	"	"	
Sodium	**137**	1.90	"	MEM	"	"	
Thallium	**2.70**	1.90	"	MEM	"	"	
Vanadium	**46.5**	0.190	"	MEM	"	"	
Zinc	**74.0**	0.949	"	MEM	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-6 4'-6'

1211141-04 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Benzene	<1.17	1.17	ug/kg dry	VNS	11/19/12 15:19	SW 5035, 8260B	
Bromobenzene	<2.35	2.35	"	VNS	"	"	
Bromochloromethane	<1.17	1.17	"	VNS	"	"	
Bromodichloromethane	<5.87	5.87	"	VNS	"	"	
Bromoform	<1.17	1.17	"	VNS	"	"	
Bromomethane	<2.35	2.35	"	VNS	"	"	
sec-Butylbenzene	<1.17	1.17	"	VNS	"	"	
n-Butylbenzene	<1.17	1.17	"	VNS	"	"	
tert-Butylbenzene	<1.17	1.17	"	VNS	"	"	
Carbon Tetrachloride	<2.35	2.35	"	VNS	"	"	
Chlorobenzene	<1.17	1.17	"	VNS	"	"	
Chloroethane	<2.35	2.35	"	VNS	"	"	
Chloroform	<1.17	1.17	"	VNS	"	"	
Chloromethane	<2.35	2.35	"	VNS	"	"	
2-Chlorotoluene	<2.35	2.35	"	VNS	"	"	
4-Chlorotoluene	<2.35	2.35	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	<2.35	2.35	"	VNS	"	"	
Dibromochloromethane	<2.35	2.35	"	VNS	"	"	
1,2-Dibromoethane	<2.35	2.35	"	VNS	"	"	
Dibromomethane	<1.17	1.17	"	VNS	"	"	
1,2-Dichlorobenzene	<1.17	1.17	"	VNS	"	"	
1,3-Dichlorobenzene	<2.35	2.35	"	VNS	"	"	
1,4-Dichlorobenzene	<1.17	1.17	"	VNS	"	"	
Dichlorodifluoromethane	<1.17	1.17	"	VNS	"	"	
1,1-Dichloroethane	<2.35	2.35	"	VNS	"	"	
1,2-Dichloroethane	<1.17	1.17	"	VNS	"	"	
1,1-Dichloroethene	<1.17	1.17	"	VNS	"	"	
cis-1,2-Dichloroethene	<1.17	1.17	"	VNS	"	"	
trans-1,2-Dichloroethene	<1.17	1.17	"	VNS	"	"	
1,3-Dichloropropane	<1.17	1.17	"	VNS	"	"	
2,2-Dichloropropane	<1.17	1.17	"	VNS	"	"	
1,2-Dichloropropane	<1.17	1.17	"	VNS	"	"	
trans-1,3-Dichloropropene	<1.17	1.17	"	VNS	"	"	
1,1-Dichloropropene	<1.17	1.17	"	VNS	"	"	
cis-1,3-Dichloropropene	<1.17	1.17	"	VNS	"	"	
Ethylbenzene	<1.17	1.17	"	VNS	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-6 4'-6'

1211141-04 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
VOA MS							
Hexachlorobutadiene	<1.17	1.17	ug/kg dry	VNS	11/19/12 15:19	SW 5035, 8260B	
Isopropylbenzene	<2.35	2.35	"	VNS	"	"	
4-Isopropyltoluene	<1.17	1.17	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.17	1.17	"	VNS	"	"	
Methylene Chloride	<11.7	11.7	"	VNS	"	"	
n-Propylbenzene	<2.35	2.35	"	VNS	"	"	
Styrene	<1.17	1.17	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	<2.35	2.35	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	<1.17	1.17	"	VNS	"	"	
Tetrachloroethene	<1.17	1.17	"	VNS	"	"	
Toluene	<1.17	1.17	"	VNS	"	"	
1,2,3-Trichlorobenzene	<2.35	2.35	"	VNS	"	"	
1,1,1-Trichloroethane	<1.17	1.17	"	VNS	"	"	
1,1,2-Trichloroethane	<2.35	2.35	"	VNS	"	"	
Trichloroethene	<1.17	1.17	"	VNS	"	"	
Trichlorofluoromethane	<1.17	1.17	"	VNS	"	"	
1,2,3-Trichloropropane	<5.87	5.87	"	VNS	"	"	
1,2,4-Trimethylbenzene	<1.17	1.17	"	VNS	"	"	
1,3,5-Trimethylbenzene	<2.35	2.35	"	VNS	"	"	
Vinyl chloride	<2.35	2.35	"	VNS	"	"	
m,p-Xylene	<2.35	2.35	"	VNS	"	"	
o-Xylene	<1.17	1.17	"	VNS	"	"	
SVOA MS							
Acenaphthene	<293	293	ug/kg dry	VM	11/19/12 16:47	SW 3545, 8270C	
Acenaphthylene	<293	293	"	VM	"	"	
Anthracene	<293	293	"	VM	"	"	
Benzo (a) anthracene	<293	293	"	VM	"	"	
Benzo (a) pyrene	<293	293	"	VM	"	"	
Benzo (b) fluoranthene	<293	293	"	VM	"	"	
Benzo (g,h,i) perylene	<293	293	"	VM	"	"	
Benzo (k) fluoranthene	<293	293	"	VM	"	"	
4-Bromophenyl phenyl ether	<293	293	"	VM	"	"	
Butyl benzyl phthalate	<293	293	"	VM	"	"	
4-Chloroaniline	<293	293	"	VM	"	"	
Bis(2-chloroethoxy)methane	<293	293	"	VM	"	"	

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-6 4'-6'

1211141-04 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
SVOA MS							
Bis(2-chloroethyl)ether	<293	293	ug/kg dry	VM	11/19/12 16:47	SW 3545, 8270C	
Bis(2-chloroisopropyl)ether	<293	293	"	VM	"	"	
2-Chloronaphthalene	<293	293	"	VM	"	"	
4-Chlorophenyl phenyl ether	<293	293	"	VM	"	"	
Chrysene	<293	293	"	VM	"	"	
Dibenz (a,h) anthracene	<293	293	"	VM	"	"	
Di-n-butyl phthalate	<293	293	"	VM	"	"	
3,3´-Dichlorobenzidine	<293	293	"	VM	"	"	
Diethyl phthalate	<293	293	"	VM	"	"	
Dimethyl phthalate	<293	293	"	VM	"	"	
2,4-Dinitrotoluene	<293	293	"	VM	"	"	
2,6-Dinitrotoluene	<293	293	"	VM	"	"	
Di-n-octyl phthalate	<293	293	"	VM	"	"	
Bis(2-ethylhexyl)phthalate	<352	352	"	VM	"	"	
Fluoranthene	<293	293	"	VM	"	"	
Fluorene	<293	293	"	VM	"	"	
Hexachlorobenzene	<293	293	"	VM	"	"	
Hexachlorobutadiene	<293	293	"	VM	"	"	
Hexachlorocyclopentadiene	<587	587	"	VM	"	"	
Hexachloroethane	<293	293	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	<293	293	"	VM	"	"	
Isophorone	<293	293	"	VM	"	"	
2-Methylnaphthalene	<293	293	"	VM	"	"	
Naphthalene	<293	293	"	VM	"	"	
3-Nitroaniline	<293	293	"	VM	"	"	
2-Nitroaniline	<293	293	"	VM	"	"	
4-Nitroaniline	<293	293	"	VM	"	"	
Nitrobenzene	<293	293	"	VM	"	"	
N-Nitrosodiphenylamine	<293	293	"	VM	"	"	
N-Nitrosodi-n-propylamine	<293	293	"	VM	"	"	
Phenanthrene	<293	293	"	VM	"	"	
Pyrene	<293	293	"	VM	"	"	
1,2,4-Trichlorobenzene	<293	293	"	VM	"	"	

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-6 4'-6'

1211141-04 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Pesticides							
alpha-BHC	<5.87	5.87	ug/kg dry	NU	11/20/12 13:58	SW 3545, 8081	
alpha-Chlordane	<5.87	5.87	"	NU	"	"	
beta-BHC	<5.87	5.87	"	NU	"	"	
Aldrin	<5.87	5.87	"	NU	"	"	
gamma-BHC (Lindane)	<5.87	5.87	"	NU	"	"	
gamma-Chlordane	<5.87	5.87	"	NU	"	"	
Heptachlor	<5.87	5.87	"	NU	"	"	
Heptachlor epoxide	<5.87	5.87	"	NU	"	"	
delta-BHC	<5.87	5.87	"	NU	"	"	
Endosulfan I	<5.87	5.87	"	NU	"	"	
Endosulfan II	<5.87	5.87	"	NU	"	"	
Endosulfan sulfate	<5.87	5.87	"	NU	"	"	
Endrin	<5.87	5.87	"	NU	"	"	
Endrin aldehyde	<5.87	5.87	"	NU	"	"	
Endrin ketone	<5.87	5.87	"	NU	"	"	
4,4´-DDD	<5.87	5.87	"	NU	"	"	
4,4´-DDE	<5.87	5.87	"	NU	"	"	
4,4´-DDT	<5.87	5.87	"	NU	"	"	
Methoxychlor	<5.87	5.87	"	NU	"	"	
Dieldrin	<5.87	5.87	"	NU	"	"	
Chlordane (technical)	<58.7	58.7	"	NU	"	"	
Toxaphene	<293	293	"	NU	"	"	
PCB							
Aroclor 1016	<76.3	76.3	ug/kg dry	NU	11/20/12 15:53	SW 3545, 8082	
Aroclor 1221	<117	117	"	NU	"	"	
Aroclor 1232	<84.5	84.5	"	NU	"	"	
Aroclor 1242	<117	117	"	NU	"	"	
Aroclor 1248	<70.4	70.4	"	NU	"	"	
Aroclor 1254	<35.2	35.2	"	NU	"	"	
Aroclor 1260	<117	117	"	NU	"	"	

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-11 0-2'

1211141-05 (Soil)

Analytical Chemists Laboratory, LLC.

Total Metals

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Aluminum	**8050**	79.0	mg/kg dry	MEM	11/19/12 15:40	SW 6010B	
Antimony	<1.58	1.58	"	MEM	11/19/12 13:48	"	
Arsenic	<1.58	1.58	"	MEM	"	"	
Barium	**66.3**	0.158	"	MEM	"	"	
Beryllium	<0.158	0.158	"	MEM	"	"	
Cadmium	**1.74**	0.790	"	MEM	"	"	
Calcium	**4390**	79.0	"	MEM	11/19/12 15:40	"	
Chromium	**5.04**	0.790	"	MEM	11/19/12 13:48	"	
Hexavalent Chromium	<0.263	0.263	"	HT	11/17/12 12:23	SW 7196A	I-02
Trivalent Chromium	**5.04**	1.05	"	MEM	11/20/12 14:29	Calc	
Cobalt	**10.7**	0.316	"	MEM	11/19/12 13:48	SW 6010B	
Copper	**16.1**	0.158	"	MEM	"	"	QB-01, B
Iron	**27500**	79.0	"	MEM	11/19/12 15:40	"	
Lead	**9.39**	1.58	"	MEM	11/19/12 13:48	"	
Magnesium	**4580**	79.0	"	MEM	11/19/12 15:40	"	
Manganese	**365**	7.90	"	MEM	"	"	
Mercury	<0.016	0.016	"	MEM	11/19/12 13:52	SW 7471A	
Nickel	**17.7**	0.790	"	MEM	11/19/12 13:48	SW 6010B	
Potassium	**2940**	79.0	"	MEM	11/19/12 15:40	"	
Selenium	<0.790	0.790	"	MEM	11/19/12 13:48	"	
Silver	<0.790	0.790	"	MEM	"	"	
Sodium	**237**	1.58	"	MEM	"	"	
Thallium	**2.30**	1.58	"	MEM	"	"	
Vanadium	**38.3**	0.158	"	MEM	"	"	
Zinc	**88.2**	0.790	"	MEM	"	"	

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Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-11 0-2'

1211141-05 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Benzene	<1.05	1.05	ug/kg dry	VNS	11/19/12 15:59	SW 5035, 8260B	
Bromobenzene	<2.10	2.10	"	VNS	"	"	
Bromochloromethane	<1.05	1.05	"	VNS	"	"	
Bromodichloromethane	<5.25	5.25	"	VNS	"	"	
Bromoform	<1.05	1.05	"	VNS	"	"	
Bromomethane	<2.10	2.10	"	VNS	"	"	
sec-Butylbenzene	<1.05	1.05	"	VNS	"	"	
n-Butylbenzene	<1.05	1.05	"	VNS	"	"	
tert-Butylbenzene	<1.05	1.05	"	VNS	"	"	
Carbon Tetrachloride	<2.10	2.10	"	VNS	"	"	
Chlorobenzene	<1.05	1.05	"	VNS	"	"	
Chloroethane	<2.10	2.10	"	VNS	"	"	
Chloroform	<1.05	1.05	"	VNS	"	"	
Chloromethane	<2.10	2.10	"	VNS	"	"	
2-Chlorotoluene	<2.10	2.10	"	VNS	"	"	
4-Chlorotoluene	<2.10	2.10	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	<2.10	2.10	"	VNS	"	"	
Dibromochloromethane	<2.10	2.10	"	VNS	"	"	
1,2-Dibromoethane	<2.10	2.10	"	VNS	"	"	
Dibromomethane	<1.05	1.05	"	VNS	"	"	
1,2-Dichlorobenzene	<1.05	1.05	"	VNS	"	"	
1,3-Dichlorobenzene	<2.10	2.10	"	VNS	"	"	
1,4-Dichlorobenzene	<1.05	1.05	"	VNS	"	"	
Dichlorodifluoromethane	<1.05	1.05	"	VNS	"	"	
1,1-Dichloroethane	<2.10	2.10	"	VNS	"	"	
1,2-Dichloroethane	<1.05	1.05	"	VNS	"	"	
1,1-Dichloroethene	<1.05	1.05	"	VNS	"	"	
cis-1,2-Dichloroethene	<1.05	1.05	"	VNS	"	"	
trans-1,2-Dichloroethene	<1.05	1.05	"	VNS	"	"	
1,3-Dichloropropane	<1.05	1.05	"	VNS	"	"	
2,2-Dichloropropane	<1.05	1.05	"	VNS	"	"	
1,2-Dichloropropane	<1.05	1.05	"	VNS	"	"	
trans-1,3-Dichloropropene	<1.05	1.05	"	VNS	"	"	
1,1-Dichloropropene	<1.05	1.05	"	VNS	"	"	
cis-1,3-Dichloropropene	<1.05	1.05	"	VNS	"	"	
Ethylbenzene	<1.05	1.05	"	VNS	"	"	

Analytical Chemists Laboratory, LLC.

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Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-11 0-2'

1211141-05 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
VOA MS							
Hexachlorobutadiene	<1.05	1.05	ug/kg dry	VNS	11/19/12 15:59	SW 5035, 8260B	
Isopropylbenzene	<2.10	2.10	"	VNS	"	"	
4-Isopropyltoluene	<1.05	1.05	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.05	1.05	"	VNS	"	"	
Methylene Chloride	<10.5	10.5	"	VNS	"	"	
n-Propylbenzene	<2.10	2.10	"	VNS	"	"	
Styrene	<1.05	1.05	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	<2.10	2.10	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	<1.05	1.05	"	VNS	"	"	
Tetrachloroethene	<1.05	1.05	"	VNS	"	"	
Toluene	<1.05	1.05	"	VNS	"	"	
1,2,3-Trichlorobenzene	<2.10	2.10	"	VNS	"	"	
1,1,1-Trichloroethane	<1.05	1.05	"	VNS	"	"	
1,1,2-Trichloroethane	<2.10	2.10	"	VNS	"	"	
Trichloroethene	<1.05	1.05	"	VNS	"	"	
Trichlorofluoromethane	<1.05	1.05	"	VNS	"	"	
1,2,3-Trichloropropane	<5.25	5.25	"	VNS	"	"	
1,2,4-Trimethylbenzene	<1.05	1.05	"	VNS	"	"	
1,3,5-Trimethylbenzene	<2.10	2.10	"	VNS	"	"	
Vinyl chloride	<2.10	2.10	"	VNS	"	"	
m,p-Xylene	<2.10	2.10	"	VNS	"	"	
o-Xylene	<1.05	1.05	"	VNS	"	"	
SVOA MS							
Acenaphthene	<263	263	ug/kg dry	VM	11/19/12 17:16	SW 3545, 8270C	
Acenaphthylene	<263	263	"	VM	"	"	
Anthracene	<263	263	"	VM	"	"	
Benzo (a) anthracene	<263	263	"	VM	"	"	
Benzo (a) pyrene	<263	263	"	VM	"	"	
Benzo (b) fluoranthene	<263	263	"	VM	"	"	
Benzo (g,h,i) perylene	<263	263	"	VM	"	"	
Benzo (k) fluoranthene	<263	263	"	VM	"	"	
4-Bromophenyl phenyl ether	<263	263	"	VM	"	"	
Butyl benzyl phthalate	<263	263	"	VM	"	"	
4-Chloroaniline	<263	263	"	VM	"	"	
Bis(2-chloroethoxy)methane	<263	263	"	VM	"	"	

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Farmingdale, NY 11735
Tel: (631) 414-7685
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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-11 0-2'

1211141-05 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
SVOA MS							
Bis(2-chloroethyl)ether	<263	263	ug/kg dry	VM	11/19/12 17:16	SW 3545, 8270C	
Bis(2-chloroisopropyl)ether	<263	263	"	VM	"	"	
2-Chloronaphthalene	<263	263	"	VM	"	"	
4-Chlorophenyl phenyl ether	<263	263	"	VM	"	"	
Chrysene	<263	263	"	VM	"	"	
Dibenz (a,h) anthracene	<263	263	"	VM	"	"	
Di-n-butyl phthalate	<263	263	"	VM	"	"	
3,3´-Dichlorobenzidine	<263	263	"	VM	"	"	
Diethyl phthalate	<263	263	"	VM	"	"	
Dimethyl phthalate	<263	263	"	VM	"	"	
2,4-Dinitrotoluene	<263	263	"	VM	"	"	
2,6-Dinitrotoluene	<263	263	"	VM	"	"	
Di-n-octyl phthalate	<263	263	"	VM	"	"	
Bis(2-ethylhexyl)phthalate	<315	315	"	VM	"	"	
Fluoranthene	<263	263	"	VM	"	"	
Fluorene	<263	263	"	VM	"	"	
Hexachlorobenzene	<263	263	"	VM	"	"	
Hexachlorobutadiene	<263	263	"	VM	"	"	
Hexachlorocyclopentadiene	<525	525	"	VM	"	"	
Hexachloroethane	<263	263	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	<263	263	"	VM	"	"	
Isophorone	<263	263	"	VM	"	"	
2-Methylnaphthalene	<263	263	"	VM	"	"	
Naphthalene	<263	263	"	VM	"	"	
3-Nitroaniline	<263	263	"	VM	"	"	
2-Nitroaniline	<263	263	"	VM	"	"	
4-Nitroaniline	<263	263	"	VM	"	"	
Nitrobenzene	<263	263	"	VM	"	"	
N-Nitrosodiphenylamine	<263	263	"	VM	"	"	
N-Nitrosodi-n-propylamine	<263	263	"	VM	"	"	
Phenanthrene	<263	263	"	VM	"	"	
Pyrene	<263	263	"	VM	"	"	
1,2,4-Trichlorobenzene	<263	263	"	VM	"	"	

ANALYTICAL CHEMISTS Laboratory

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Farmingdale, NY 11735
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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-11 0-2'

1211141-05 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
Pesticides							
alpha-BHC	<5.25	5.25	ug/kg dry	NU	11/20/12 13:58	SW 3545, 8081	
alpha-Chlordane	<5.25	5.25	"	NU	"	"	
beta-BHC	<5.25	5.25	"	NU	"	"	
Aldrin	<5.25	5.25	"	NU	"	"	
gamma-BHC (Lindane)	<5.25	5.25	"	NU	"	"	
gamma-Chlordane	<5.25	5.25	"	NU	"	"	
Heptachlor	<5.25	5.25	"	NU	"	"	
Heptachlor epoxide	<5.25	5.25	"	NU	"	"	
delta-BHC	<5.25	5.25	"	NU	"	"	
Endosulfan I	<5.25	5.25	"	NU	"	"	
Endosulfan II	<5.25	5.25	"	NU	"	"	
Endosulfan sulfate	<5.25	5.25	"	NU	"	"	
Endrin	<5.25	5.25	"	NU	"	"	
Endrin aldehyde	<5.25	5.25	"	NU	"	"	
Endrin ketone	<5.25	5.25	"	NU	"	"	
4,4´-DDD	<5.25	5.25	"	NU	"	"	
4,4´-DDE	<5.25	5.25	"	NU	"	"	
4,4´-DDT	<5.25	5.25	"	NU	"	"	
Methoxychlor	<5.25	5.25	"	NU	"	"	
Dieldrin	<5.25	5.25	"	NU	"	"	
Chlordane (technical)	<52.5	52.5	"	NU	"	"	
Toxaphene	<263	263	"	NU	"	"	
PCB							
Aroclor 1016	<68.3	68.3	ug/kg dry	NU	11/20/12 15:53	SW 3545, 8082	
Aroclor 1221	<105	105	"	NU	"	"	
Aroclor 1232	<75.6	75.6	"	NU	"	"	
Aroclor 1242	<105	105	"	NU	"	"	
Aroclor 1248	<63.0	63.0	"	NU	"	"	
Aroclor 1254	<31.5	31.5	"	NU	"	"	
Aroclor 1260	<105	105	"	NU	"	"	

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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ANALYTICAL CHEMISTS Laboratory

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Farmingdale, NY 11735
Tel: (631) 414-7685
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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-11 4'-6'

1211141-06 (Soil)

Analytical Chemists Laboratory, LLC.

Total Metals

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Aluminum	**5660**	94.9	mg/kg dry	MEM	11/19/12 15:46	SW 6010B	
Antimony	<1.90	1.90	"	MEM	11/19/12 13:54	"	
Arsenic	<1.90	1.90	"	MEM	"	"	
Barium	**49.1**	0.190	"	MEM	"	"	
Beryllium	<0.190	0.190	"	MEM	"	"	
Cadmium	**1.02**	0.949	"	MEM	"	"	
Calcium	**5820**	94.9	"	MEM	11/19/12 15:46	"	
Chromium	**30.6**	0.949	"	MEM	11/19/12 13:54	"	
Hexavalent Chromium	<0.269	0.269	"	HT	11/17/12 12:23	SW 7196A	I-02
Trivalent Chromium	**30.6**	1.07	"	MEM	11/20/12 14:29	Calc	
Cobalt	**7.49**	0.380	"	MEM	11/19/12 13:54	SW 6010B	
Copper	**12.7**	0.190	"	MEM	"	"	QB-01, B
Iron	**17200**	94.9	"	MEM	11/19/12 15:46	"	
Lead	**6.37**	1.90	"	MEM	11/19/12 13:54	"	
Magnesium	**5680**	94.9	"	MEM	11/19/12 15:46	"	
Manganese	**275**	9.49	"	MEM	"	"	
Mercury	<0.014	0.014	"	MEM	11/19/12 13:54	SW 7471A	
Nickel	**38.6**	0.949	"	MEM	"	SW 6010B	
Potassium	**1400**	94.9	"	MEM	11/19/12 15:46	"	
Selenium	<0.949	0.949	"	MEM	11/19/12 13:54	"	
Silver	<0.949	0.949	"	MEM	"	"	
Sodium	**168**	1.90	"	MEM	"	"	
Thallium	<1.90	1.90	"	MEM	"	"	
Vanadium	**23.7**	0.190	"	MEM	"	"	
Zinc	**39.5**	0.949	"	MEM	"	"	

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-11 4'-6'

1211141-06 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Benzene	<1.07	1.07	ug/kg dry	VNS	11/19/12 16:39	SW 5035, 8260B	
Bromobenzene	<2.15	2.15	"	VNS	"	"	
Bromochloromethane	<1.07	1.07	"	VNS	"	"	
Bromodichloromethane	<5.37	5.37	"	VNS	"	"	
Bromoform	<1.07	1.07	"	VNS	"	"	
Bromomethane	<2.15	2.15	"	VNS	"	"	
sec-Butylbenzene	<1.07	1.07	"	VNS	"	"	
n-Butylbenzene	<1.07	1.07	"	VNS	"	"	
tert-Butylbenzene	<1.07	1.07	"	VNS	"	"	
Carbon Tetrachloride	<2.15	2.15	"	VNS	"	"	
Chlorobenzene	<1.07	1.07	"	VNS	"	"	
Chloroethane	<2.15	2.15	"	VNS	"	"	
Chloroform	<1.07	1.07	"	VNS	"	"	
Chloromethane	<2.15	2.15	"	VNS	"	"	
2-Chlorotoluene	<2.15	2.15	"	VNS	"	"	
4-Chlorotoluene	<2.15	2.15	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	<2.15	2.15	"	VNS	"	"	
Dibromochloromethane	<2.15	2.15	"	VNS	"	"	
1,2-Dibromoethane	<2.15	2.15	"	VNS	"	"	
Dibromomethane	<1.07	1.07	"	VNS	"	"	
1,2-Dichlorobenzene	<1.07	1.07	"	VNS	"	"	
1,3-Dichlorobenzene	<2.15	2.15	"	VNS	"	"	
1,4-Dichlorobenzene	<1.07	1.07	"	VNS	"	"	
Dichlorodifluoromethane	<1.07	1.07	"	VNS	"	"	
1,1-Dichloroethane	<2.15	2.15	"	VNS	"	"	
1,2-Dichloroethane	<1.07	1.07	"	VNS	"	"	
1,1-Dichloroethene	<1.07	1.07	"	VNS	"	"	
cis-1,2-Dichloroethene	<1.07	1.07	"	VNS	"	"	
trans-1,2-Dichloroethene	<1.07	1.07	"	VNS	"	"	
1,3-Dichloropropane	<1.07	1.07	"	VNS	"	"	
2,2-Dichloropropane	<1.07	1.07	"	VNS	"	"	
1,2-Dichloropropane	<1.07	1.07	"	VNS	"	"	
trans-1,3-Dichloropropene	<1.07	1.07	"	VNS	"	"	
1,1-Dichloropropene	<1.07	1.07	"	VNS	"	"	
cis-1,3-Dichloropropene	<1.07	1.07	"	VNS	"	"	
Ethylbenzene	<1.07	1.07	"	VNS	"	"	

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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ANALYTICAL CHEMISTS Laboratory

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Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-11 4'-6'

1211141-06 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Hexachlorobutadiene	<1.07	1.07	ug/kg dry	VNS	11/19/12 16:39	SW 5035, 8260B	
Isopropylbenzene	<2.15	2.15	"	VNS	"	"	
4-Isopropyltoluene	<1.07	1.07	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.07	1.07	"	VNS	"	"	
Methylene Chloride	<10.7	10.7	"	VNS	"	"	
n-Propylbenzene	<2.15	2.15	"	VNS	"	"	
Styrene	<1.07	1.07	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	<2.15	2.15	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	<1.07	1.07	"	VNS	"	"	
Tetrachloroethene	<1.07	1.07	"	VNS	"	"	
Toluene	<1.07	1.07	"	VNS	"	"	
1,2,3-Trichlorobenzene	<2.15	2.15	"	VNS	"	"	
1,1,1-Trichloroethane	<1.07	1.07	"	VNS	"	"	
1,1,2-Trichloroethane	<2.15	2.15	"	VNS	"	"	
Trichloroethene	<1.07	1.07	"	VNS	"	"	
Trichlorofluoromethane	<1.07	1.07	"	VNS	"	"	
1,2,3-Trichloropropane	<5.37	5.37	"	VNS	"	"	
1,2,4-Trimethylbenzene	<1.07	1.07	"	VNS	"	"	
1,3,5-Trimethylbenzene	<2.15	2.15	"	VNS	"	"	
Vinyl chloride	<2.15	2.15	"	VNS	"	"	
o-Xylene	<1.07	1.07	"	VNS	"	"	
m,p-Xylene	<2.15	2.15	"	VNS	"	"	
SVOA MS							
Acenaphthene	<269	269	ug/kg dry	VM	11/19/12 17:44	SW 3545, 8270C	
Acenaphthylene	<269	269	"	VM	"	"	
Anthracene	<269	269	"	VM	"	"	
Benzo (a) anthracene	<269	269	"	VM	"	"	
Benzo (a) pyrene	<269	269	"	VM	"	"	
Benzo (b) fluoranthene	<269	269	"	VM	"	"	
Benzo (g,h,i) perylene	<269	269	"	VM	"	"	
Benzo (k) fluoranthene	<269	269	"	VM	"	"	
4-Bromophenyl phenyl ether	<269	269	"	VM	"	"	
Butyl benzyl phthalate	<269	269	"	VM	"	"	
4-Chloroaniline	<269	269	"	VM	"	"	
Bis(2-chloroethoxy)methane	<269	269	"	VM	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-11 4'-6'

1211141-06 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
SVOA MS							
Bis(2-chloroethyl)ether	<269	269	ug/kg dry	VM	11/19/12 17:44	SW 3545, 8270C	
Bis(2-chloroisopropyl)ether	<269	269	"	VM	"	"	
2-Chloronaphthalene	<269	269	"	VM	"	"	
4-Chlorophenyl phenyl ether	<269	269	"	VM	"	"	
Chrysene	<269	269	"	VM	"	"	
Dibenz (a,h) anthracene	<269	269	"	VM	"	"	
Di-n-butyl phthalate	<269	269	"	VM	"	"	
3,3´-Dichlorobenzidine	<269	269	"	VM	"	"	
Diethyl phthalate	<269	269	"	VM	"	"	
Dimethyl phthalate	<269	269	"	VM	"	"	
2,4-Dinitrotoluene	<269	269	"	VM	"	"	
2,6-Dinitrotoluene	<269	269	"	VM	"	"	
Di-n-octyl phthalate	<269	269	"	VM	"	"	
Bis(2-ethylhexyl)phthalate	<322	322	"	VM	"	"	
Fluoranthene	<269	269	"	VM	"	"	
Fluorene	<269	269	"	VM	"	"	
Hexachlorobenzene	<269	269	"	VM	"	"	
Hexachlorobutadiene	<269	269	"	VM	"	"	
Hexachlorocyclopentadiene	<537	537	"	VM	"	"	
Hexachloroethane	<269	269	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	<269	269	"	VM	"	"	
Isophorone	<269	269	"	VM	"	"	
2-Methylnaphthalene	<269	269	"	VM	"	"	
Naphthalene	<269	269	"	VM	"	"	
3-Nitroaniline	<269	269	"	VM	"	"	
2-Nitroaniline	<269	269	"	VM	"	"	
4-Nitroaniline	<269	269	"	VM	"	"	
Nitrobenzene	<269	269	"	VM	"	"	
N-Nitrosodiphenylamine	<269	269	"	VM	"	"	
N-Nitrosodi-n-propylamine	<269	269	"	VM	"	"	
Phenanthrene	<269	269	"	VM	"	"	
Pyrene	<269	269	"	VM	"	"	
1,2,4-Trichlorobenzene	<269	269	"	VM	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-11 4'-6'

1211141-06 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Pesticides							
alpha-BHC	<5.37	5.37	ug/kg dry	NU	11/20/12 13:58	SW 3545, 8081	
alpha-Chlordane	<5.37	5.37	"	NU	"	"	
beta-BHC	<5.37	5.37	"	NU	"	"	
Aldrin	<5.37	5.37	"	NU	"	"	
gamma-BHC (Lindane)	<5.37	5.37	"	NU	"	"	
gamma-Chlordane	<5.37	5.37	"	NU	"	"	
Heptachlor	<5.37	5.37	"	NU	"	"	
Heptachlor epoxide	<5.37	5.37	"	NU	"	"	
delta-BHC	<5.37	5.37	"	NU	"	"	
Endosulfan I	<5.37	5.37	"	NU	"	"	
Endosulfan II	<5.37	5.37	"	NU	"	"	
Endosulfan sulfate	<5.37	5.37	"	NU	"	"	
Endrin	<5.37	5.37	"	NU	"	"	
Endrin aldehyde	<5.37	5.37	"	NU	"	"	
Endrin ketone	<5.37	5.37	"	NU	"	"	
4,4´-DDD	<5.37	5.37	"	NU	"	"	
4,4´-DDE	<5.37	5.37	"	NU	"	"	
4,4´-DDT	<5.37	5.37	"	NU	"	"	
Methoxychlor	<5.37	5.37	"	NU	"	"	
Dieldrin	<5.37	5.37	"	NU	"	"	
Chlordane (technical)	<53.7	53.7	"	NU	"	"	
Toxaphene	<269	269	"	NU	"	"	
PCB							
Aroclor 1016	<69.8	69.8	ug/kg dry	NU	11/20/12 15:53	SW 3545, 8082	
Aroclor 1221	<107	107	"	NU	"	"	
Aroclor 1232	<77.3	77.3	"	NU	"	"	
Aroclor 1242	<107	107	"	NU	"	"	
Aroclor 1248	<64.4	64.4	"	NU	"	"	
Aroclor 1254	<32.2	32.2	"	NU	"	"	
Aroclor 1260	<107	107	"	NU	"	"	

Analytical Chemists Laboratory, LLC.

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Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-12 0-2'

1211141-07 (Soil)

Analytical Chemists Laboratory, LLC.

Total Metals

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Aluminum	**5860**	74.8	mg/kg dry	MEM	11/19/12 16:17	SW 6010B	
Antimony	<1.50	1.50	"	MEM	11/19/12 14:00	"	
Arsenic	<1.50	1.50	"	MEM	"	"	
Barium	**94.2**	7.48	"	MEM	11/19/12 16:17	"	
Beryllium	<0.150	0.150	"	MEM	11/19/12 14:00	"	
Cadmium	**1.12**	0.748	"	MEM	"	"	
Calcium	**24200**	74.8	"	MEM	11/19/12 16:17	"	
Chromium	**6.34**	0.748	"	MEM	11/19/12 14:00	"	
Hexavalent Chromium	<0.264	0.264	"	HT	11/17/12 12:23	SW 7196A	I-02
Trivalent Chromium	**6.34**	1.05	"	MEM	11/20/12 14:29	Calc	
Cobalt	**6.03**	0.299	"	MEM	11/19/12 14:00	SW 6010B	
Copper	**19.0**	0.150	"	MEM	"	"	QB-01, B
Iron	**17000**	74.8	"	MEM	11/19/12 16:17	"	
Lead	**48.4**	1.50	"	MEM	11/19/12 14:00	"	
Magnesium	**6500**	74.8	"	MEM	11/19/12 16:17	"	
Manganese	**265**	7.48	"	MEM	"	"	
Mercury	**0.037**	0.012	"	MEM	11/19/12 13:56	SW 7471A	
Nickel	**13.0**	0.748	"	MEM	11/19/12 14:00	SW 6010B	
Potassium	**1500**	74.8	"	MEM	11/19/12 16:17	"	
Selenium	<0.748	0.748	"	MEM	11/19/12 14:00	"	
Silver	<0.748	0.748	"	MEM	"	"	
Sodium	**446**	1.50	"	MEM	"	"	
Thallium	<1.50	1.50	"	MEM	"	"	
Vanadium	**24.9**	0.150	"	MEM	"	"	
Zinc	**51.7**	0.748	"	MEM	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-12 0-2'

1211141-07 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
VOA MS							
Benzene	<1.05	1.05	ug/kg dry	VNS	11/19/12 17:46	SW 5035, 8260B	
Bromobenzene	<2.11	2.11	"	VNS	"	"	
Bromochloromethane	<1.05	1.05	"	VNS	"	"	
Bromodichloromethane	<5.27	5.27	"	VNS	"	"	
Bromoform	<1.05	1.05	"	VNS	"	"	
Bromomethane	<2.11	2.11	"	VNS	"	"	
sec-Butylbenzene	<1.05	1.05	"	VNS	"	"	
n-Butylbenzene	<1.05	1.05	"	VNS	"	"	
tert-Butylbenzene	<1.05	1.05	"	VNS	"	"	
Carbon Tetrachloride	<2.11	2.11	"	VNS	"	"	
Chlorobenzene	<1.05	1.05	"	VNS	"	"	
Chloroethane	<2.11	2.11	"	VNS	"	"	
Chloroform	<1.05	1.05	"	VNS	"	"	
Chloromethane	<2.11	2.11	"	VNS	"	"	
2-Chlorotoluene	<2.11	2.11	"	VNS	"	"	
4-Chlorotoluene	<2.11	2.11	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	<2.11	2.11	"	VNS	"	"	
Dibromochloromethane	<2.11	2.11	"	VNS	"	"	
1,2-Dibromoethane	<2.11	2.11	"	VNS	"	"	
Dibromomethane	<1.05	1.05	"	VNS	"	"	
1,2-Dichlorobenzene	<1.05	1.05	"	VNS	"	"	
1,3-Dichlorobenzene	<2.11	2.11	"	VNS	"	"	
1,4-Dichlorobenzene	<1.05	1.05	"	VNS	"	"	
Dichlorodifluoromethane	<1.05	1.05	"	VNS	"	"	
1,1-Dichloroethane	<2.11	2.11	"	VNS	"	"	
1,2-Dichloroethane	<1.05	1.05	"	VNS	"	"	
1,1-Dichloroethene	<1.05	1.05	"	VNS	"	"	
cis-1,2-Dichloroethene	<1.05	1.05	"	VNS	"	"	
trans-1,2-Dichloroethene	<1.05	1.05	"	VNS	"	"	
1,3-Dichloropropane	<1.05	1.05	"	VNS	"	"	
2,2-Dichloropropane	<1.05	1.05	"	VNS	"	"	
1,2-Dichloropropane	<1.05	1.05	"	VNS	"	"	
trans-1,3-Dichloropropene	<1.05	1.05	"	VNS	"	"	
1,1-Dichloropropene	<1.05	1.05	"	VNS	"	"	
cis-1,3-Dichloropropene	<1.05	1.05	"	VNS	"	"	
Ethylbenzene	<1.05	1.05	"	VNS	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-12 0-2'

1211141-07 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
VOA MS							
Hexachlorobutadiene	<1.05	1.05	ug/kg dry	VNS	11/19/12 17:46	SW 5035, 8260B	
Isopropylbenzene	<2.11	2.11	"	VNS	"	"	
4-Isopropyltoluene	<1.05	1.05	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.05	1.05	"	VNS	"	"	
Methylene Chloride	<10.5	10.5	"	VNS	"	"	
n-Propylbenzene	<2.11	2.11	"	VNS	"	"	
Styrene	<1.05	1.05	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	<2.11	2.11	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	<1.05	1.05	"	VNS	"	"	
Tetrachloroethene	**12.1**	1.05	"	VNS	"	"	
Toluene	<1.05	1.05	"	VNS	"	"	
1,2,3-Trichlorobenzene	<2.11	2.11	"	VNS	"	"	
1,1,1-Trichloroethane	<1.05	1.05	"	VNS	"	"	
1,1,2-Trichloroethane	<2.11	2.11	"	VNS	"	"	
Trichloroethene	<1.05	1.05	"	VNS	"	"	
Trichlorofluoromethane	<1.05	1.05	"	VNS	"	"	
1,2,3-Trichloropropane	<5.27	5.27	"	VNS	"	"	
1,2,4-Trimethylbenzene	<1.05	1.05	"	VNS	"	"	
1,3,5-Trimethylbenzene	<2.11	2.11	"	VNS	"	"	
Vinyl chloride	<2.11	2.11	"	VNS	"	"	
o-Xylene	**1.33**	1.05	"	VNS	"	"	
m,p-Xylene	**3.05**	2.11	"	VNS	"	"	B
SVOA MS							
Acenaphthene	<264	264	ug/kg dry	VM	11/19/12 18:42	SW 3545, 8270C	
Acenaphthylene	<264	264	"	VM	"	"	
Anthracene	<264	264	"	VM	"	"	
Benzo (a) anthracene	<264	264	"	VM	"	"	
Benzo (a) pyrene	<264	264	"	VM	"	"	
Benzo (b) fluoranthene	<264	264	"	VM	"	"	
Benzo (g,h,i) perylene	<264	264	"	VM	"	"	
Benzo (k) fluoranthene	<264	264	"	VM	"	"	
4-Bromophenyl phenyl ether	<264	264	"	VM	"	"	
Butyl benzyl phthalate	<264	264	"	VM	"	"	
4-Chloroaniline	<264	264	"	VM	"	"	
Bis(2-chloroethoxy)methane	<264	264	"	VM	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-12 0-2'

1211141-07 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
SVOA MS							
Bis(2-chloroethyl)ether	<264	264	ug/kg dry	VM	11/19/12 18:42	SW 3545, 8270C	
Bis(2-chloroisopropyl)ether	<264	264	"	VM	"	"	
2-Chloronaphthalene	<264	264	"	VM	"	"	
4-Chlorophenyl phenyl ether	<264	264	"	VM	"	"	
Chrysene	<264	264	"	VM	"	"	
Dibenz (a,h) anthracene	<264	264	"	VM	"	"	
Di-n-butyl phthalate	<264	264	"	VM	"	"	
3,3´-Dichlorobenzidine	<264	264	"	VM	"	"	
Diethyl phthalate	<264	264	"	VM	"	"	
Dimethyl phthalate	<264	264	"	VM	"	"	
2,4-Dinitrotoluene	<264	264	"	VM	"	"	
2,6-Dinitrotoluene	<264	264	"	VM	"	"	
Di-n-octyl phthalate	<264	264	"	VM	"	"	
Bis(2-ethylhexyl)phthalate	<316	316	"	VM	"	"	
Fluoranthene	<264	264	"	VM	"	"	
Fluorene	<264	264	"	VM	"	"	
Hexachlorobenzene	<264	264	"	VM	"	"	
Hexachlorobutadiene	<264	264	"	VM	"	"	
Hexachlorocyclopentadiene	<527	527	"	VM	"	"	
Hexachloroethane	<264	264	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	<264	264	"	VM	"	"	
Isophorone	<264	264	"	VM	"	"	
2-Methylnaphthalene	<264	264	"	VM	"	"	
Naphthalene	<264	264	"	VM	"	"	
3-Nitroaniline	<264	264	"	VM	"	"	
2-Nitroaniline	<264	264	"	VM	"	"	
4-Nitroaniline	<264	264	"	VM	"	"	
Nitrobenzene	<264	264	"	VM	"	"	
N-Nitrosodiphenylamine	<264	264	"	VM	"	"	
N-Nitrosodi-n-propylamine	<264	264	"	VM	"	"	
Phenanthrene	<264	264	"	VM	"	"	
Pyrene	<264	264	"	VM	"	"	
1,2,4-Trichlorobenzene	<264	264	"	VM	"	"	

ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-12 0-2'

1211141-07 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
Pesticides							
alpha-BHC	<5.27	5.27	ug/kg dry	NU	11/20/12 13:58	SW 3545, 8081	
alpha-Chlordane	<5.27	5.27	"	NU	"	"	
beta-BHC	<5.27	5.27	"	NU	"	"	
Aldrin	<5.27	5.27	"	NU	"	"	
gamma-BHC (Lindane)	<5.27	5.27	"	NU	"	"	
gamma-Chlordane	<5.27	5.27	"	NU	"	"	
Heptachlor	<5.27	5.27	"	NU	"	"	
Heptachlor epoxide	<5.27	5.27	"	NU	"	"	
delta-BHC	<5.27	5.27	"	NU	"	"	
Endosulfan I	<5.27	5.27	"	NU	"	"	
Endosulfan II	<5.27	5.27	"	NU	"	"	
Endosulfan sulfate	<5.27	5.27	"	NU	"	"	
Endrin	<5.27	5.27	"	NU	"	"	
Endrin aldehyde	<5.27	5.27	"	NU	"	"	
Endrin ketone	<5.27	5.27	"	NU	"	"	
4,4´-DDD	**5.64**	5.27	"	NU	"	"	QM-08
4,4´-DDE	**43.8**	5.27	"	NU	"	"	
4,4´-DDT	**88.4**	5.27	"	NU	"	"	
Methoxychlor	<5.27	5.27	"	NU	"	"	
Dieldrin	<5.27	5.27	"	NU	"	"	
Chlordane (technical)	<52.7	52.7	"	NU	"	"	
Toxaphene	<264	264	"	NU	"	"	
PCB							
Aroclor 1016	<68.6	68.6	ug/kg dry	NU	11/20/12 15:53	SW 3545, 8082	
Aroclor 1221	<105	105	"	NU	"	"	
Aroclor 1232	<75.9	75.9	"	NU	"	"	
Aroclor 1242	<105	105	"	NU	"	"	
Aroclor 1248	<63.3	63.3	"	NU	"	"	
Aroclor 1254	<31.6	31.6	"	NU	"	"	
Aroclor 1260	<105	105	"	NU	"	"	

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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ANALYTICAL CHEMISTS Laboratory

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Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-12 4'-6'

1211141-08 (Soil)

Analytical Chemists Laboratory, LLC.

Total Metals

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Aluminum	**4130**	71.7	mg/kg dry	MEM	11/19/12 16:23	SW 6010B	
Antimony	<1.43	1.43	"	MEM	11/19/12 14:06	"	
Arsenic	<1.43	1.43	"	MEM	"	"	
Barium	**21.9**	0.143	"	MEM	"	"	
Beryllium	**0.402**	0.143	"	MEM	"	"	
Cadmium	**0.835**	0.717	"	MEM	"	"	
Calcium	**21100**	71.7	"	MEM	11/19/12 16:23	"	
Chromium	**27.2**	0.717	"	MEM	11/19/12 14:06	"	
Hexavalent Chromium	<0.257	0.257	"	HT	11/17/12 12:23	SW 7196A	I-02
Trivalent Chromium	**27.2**	1.03	"	MEM	11/20/12 14:29	Calc	
Cobalt	**4.80**	0.287	"	MEM	11/19/12 14:06	SW 6010B	
Copper	**8.53**	0.143	"	MEM	"	"	QB-01, B
Iron	**16000**	71.7	"	MEM	11/19/12 16:23	"	
Lead	**4.28**	1.43	"	MEM	11/19/12 14:06	"	
Magnesium	**7040**	71.7	"	MEM	11/19/12 16:23	"	
Manganese	**355**	7.17	"	MEM	"	"	
Mercury	<0.011	0.011	"	MEM	11/19/12 13:57	SW 7471A	
Nickel	**25.7**	0.717	"	MEM	11/19/12 14:06	SW 6010B	
Potassium	**856**	71.7	"	MEM	11/19/12 16:23	"	
Selenium	<0.717	0.717	"	MEM	11/19/12 14:06	"	
Silver	<0.717	0.717	"	MEM	"	"	
Sodium	**1000**	71.7	"	MEM	11/19/12 16:23	"	
Thallium	<1.43	1.43	"	MEM	11/19/12 14:06	"	
Vanadium	**15.5**	0.143	"	MEM	"	"	
Zinc	**23.4**	0.717	"	MEM	"	"	

Analytical Chemists Laboratory, LLC.

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Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-12 4'-6'

1211141-08 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Benzene	<1.03	1.03	ug/kg dry	VNS	11/19/12 18:26	SW 5035, 8260B	
Bromobenzene	<2.06	2.06	"	VNS	"	"	
Bromochloromethane	<1.03	1.03	"	VNS	"	"	
Bromodichloromethane	<5.14	5.14	"	VNS	"	"	
Bromoform	<1.03	1.03	"	VNS	"	"	
Bromomethane	<2.06	2.06	"	VNS	"	"	
sec-Butylbenzene	<1.03	1.03	"	VNS	"	"	
n-Butylbenzene	<1.03	1.03	"	VNS	"	"	
tert-Butylbenzene	<1.03	1.03	"	VNS	"	"	
Carbon Tetrachloride	<2.06	2.06	"	VNS	"	"	
Chlorobenzene	<1.03	1.03	"	VNS	"	"	
Chloroethane	<2.06	2.06	"	VNS	"	"	
Chloroform	<1.03	1.03	"	VNS	"	"	
Chloromethane	<2.06	2.06	"	VNS	"	"	
2-Chlorotoluene	<2.06	2.06	"	VNS	"	"	
4-Chlorotoluene	<2.06	2.06	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	<2.06	2.06	"	VNS	"	"	
Dibromochloromethane	<2.06	2.06	"	VNS	"	"	
1,2-Dibromoethane	<2.06	2.06	"	VNS	"	"	
Dibromomethane	<1.03	1.03	"	VNS	"	"	
1,2-Dichlorobenzene	<1.03	1.03	"	VNS	"	"	
1,3-Dichlorobenzene	<2.06	2.06	"	VNS	"	"	
1,4-Dichlorobenzene	<1.03	1.03	"	VNS	"	"	
Dichlorodifluoromethane	<1.03	1.03	"	VNS	"	"	
1,1-Dichloroethane	<2.06	2.06	"	VNS	"	"	
1,2-Dichloroethane	<1.03	1.03	"	VNS	"	"	
1,1-Dichloroethene	<1.03	1.03	"	VNS	"	"	
cis-1,2-Dichloroethene	<1.03	1.03	"	VNS	"	"	
trans-1,2-Dichloroethene	<1.03	1.03	"	VNS	"	"	
1,3-Dichloropropane	<1.03	1.03	"	VNS	"	"	
2,2-Dichloropropane	<1.03	1.03	"	VNS	"	"	
1,2-Dichloropropane	<1.03	1.03	"	VNS	"	"	
trans-1,3-Dichloropropene	<1.03	1.03	"	VNS	"	"	
1,1-Dichloropropene	<1.03	1.03	"	VNS	"	"	
cis-1,3-Dichloropropene	<1.03	1.03	"	VNS	"	"	
Ethylbenzene	<1.03	1.03	"	VNS	"	"	

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Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-12 4'-6'

1211141-08 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Hexachlorobutadiene	<1.03	1.03	ug/kg dry	VNS	11/19/12 18:26	SW 5035, 8260B	
Isopropylbenzene	<2.06	2.06	"	VNS	"	"	
4-Isopropyltoluene	<1.03	1.03	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.03	1.03	"	VNS	"	"	
Methylene Chloride	<10.3	10.3	"	VNS	"	"	
n-Propylbenzene	<2.06	2.06	"	VNS	"	"	
Styrene	<1.03	1.03	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	<2.06	2.06	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	<1.03	1.03	"	VNS	"	"	
Tetrachloroethene	<1.03	1.03	"	VNS	"	"	
Toluene	<1.03	1.03	"	VNS	"	"	
1,2,3-Trichlorobenzene	<2.06	2.06	"	VNS	"	"	
1,1,1-Trichloroethane	<1.03	1.03	"	VNS	"	"	
1,1,2-Trichloroethane	<2.06	2.06	"	VNS	"	"	
Trichloroethene	<1.03	1.03	"	VNS	"	"	
Trichlorofluoromethane	<1.03	1.03	"	VNS	"	"	
1,2,3-Trichloropropane	<5.14	5.14	"	VNS	"	"	
1,2,4-Trimethylbenzene	<1.03	1.03	"	VNS	"	"	
1,3,5-Trimethylbenzene	<2.06	2.06	"	VNS	"	"	
Vinyl chloride	<2.06	2.06	"	VNS	"	"	
m,p-Xylene	<2.06	2.06	"	VNS	"	"	
o-Xylene	<1.03	1.03	"	VNS	"	"	
SVOA MS							
Acenaphthene	<257	257	ug/kg dry	VM	11/19/12 18:13	SW 3545, 8270C	
Acenaphthylene	<257	257	"	VM	"	"	
Anthracene	<257	257	"	VM	"	"	
Benzo (a) anthracene	<257	257	"	VM	"	"	
Benzo (a) pyrene	<257	257	"	VM	"	"	
Benzo (b) fluoranthene	<257	257	"	VM	"	"	
Benzo (g,h,i) perylene	<257	257	"	VM	"	"	
Benzo (k) fluoranthene	<257	257	"	VM	"	"	
4-Bromophenyl phenyl ether	<257	257	"	VM	"	"	
Butyl benzyl phthalate	<257	257	"	VM	"	"	
4-Chloroaniline	<257	257	"	VM	"	"	
Bis(2-chloroethoxy)methane	<257	257	"	VM	"	"	

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Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-12 4'-6'

1211141-08 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
SVOA MS							
Bis(2-chloroethyl)ether	<257	257	ug/kg dry	VM	11/19/12 18:13	SW 3545, 8270C	
Bis(2-chloroisopropyl)ether	<257	257	"	VM	"	"	
2-Chloronaphthalene	<257	257	"	VM	"	"	
4-Chlorophenyl phenyl ether	<257	257	"	VM	"	"	
Chrysene	<257	257	"	VM	"	"	
Dibenz (a,h) anthracene	<257	257	"	VM	"	"	
Di-n-butyl phthalate	<257	257	"	VM	"	"	
3,3´-Dichlorobenzidine	<257	257	"	VM	"	"	
Diethyl phthalate	<257	257	"	VM	"	"	
Dimethyl phthalate	<257	257	"	VM	"	"	
2,4-Dinitrotoluene	<257	257	"	VM	"	"	
2,6-Dinitrotoluene	<257	257	"	VM	"	"	
Di-n-octyl phthalate	<257	257	"	VM	"	"	
Bis(2-ethylhexyl)phthalate	<308	308	"	VM	"	"	
Fluoranthene	<257	257	"	VM	"	"	
Fluorene	<257	257	"	VM	"	"	
Hexachlorobenzene	<257	257	"	VM	"	"	
Hexachlorobutadiene	<257	257	"	VM	"	"	
Hexachlorocyclopentadiene	<514	514	"	VM	"	"	
Hexachloroethane	<257	257	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	<257	257	"	VM	"	"	
Isophorone	<257	257	"	VM	"	"	
2-Methylnaphthalene	<257	257	"	VM	"	"	
Naphthalene	<257	257	"	VM	"	"	
3-Nitroaniline	<257	257	"	VM	"	"	
2-Nitroaniline	<257	257	"	VM	"	"	
4-Nitroaniline	<257	257	"	VM	"	"	
Nitrobenzene	<257	257	"	VM	"	"	
N-Nitrosodiphenylamine	<257	257	"	VM	"	"	
N-Nitrosodi-n-propylamine	<257	257	"	VM	"	"	
Phenanthrene	<257	257	"	VM	"	"	
Pyrene	<257	257	"	VM	"	"	
1,2,4-Trichlorobenzene	<257	257	"	VM	"	"	

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Tel: (631) 414-7685
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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-12 4'-6'

1211141-08 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Pesticides							
alpha-BHC	<5.14	5.14	ug/kg dry	NU	11/20/12 13:58	SW 3545, 8081	
alpha-Chlordane	<5.14	5.14	"	NU	"	"	
beta-BHC	<5.14	5.14	"	NU	"	"	
Aldrin	<5.14	5.14	"	NU	"	"	
gamma-BHC (Lindane)	<5.14	5.14	"	NU	"	"	
gamma-Chlordane	<5.14	5.14	"	NU	"	"	
Heptachlor	<5.14	5.14	"	NU	"	"	
Heptachlor epoxide	<5.14	5.14	"	NU	"	"	
delta-BHC	<5.14	5.14	"	NU	"	"	
Endosulfan I	<5.14	5.14	"	NU	"	"	
Endosulfan II	<5.14	5.14	"	NU	"	"	
Endosulfan sulfate	<5.14	5.14	"	NU	"	"	
Endrin	<5.14	5.14	"	NU	"	"	
Endrin aldehyde	<5.14	5.14	"	NU	"	"	
Endrin ketone	<5.14	5.14	"	NU	"	"	
4,4´-DDD	<5.14	5.14	"	NU	"	"	
4,4´-DDE	<5.14	5.14	"	NU	"	"	
4,4´-DDT	<5.14	5.14	"	NU	"	"	
Methoxychlor	<5.14	5.14	"	NU	"	"	
Dieldrin	<5.14	5.14	"	NU	"	"	
Chlordane (technical)	<51.4	51.4	"	NU	"	"	
Toxaphene	<257	257	"	NU	"	"	
PCB							
Aroclor 1016	<66.8	66.8	ug/kg dry	NU	11/20/12 15:53	SW 3545, 8082	
Aroclor 1221	<103	103	"	NU	"	"	
Aroclor 1232	<74.0	74.0	"	NU	"	"	
Aroclor 1242	<103	103	"	NU	"	"	
Aroclor 1248	<61.7	61.7	"	NU	"	"	
Aroclor 1254	<30.8	30.8	"	NU	"	"	
Aroclor 1260	<103	103	"	NU	"	"	

Analytical Chemists Laboratory, LLC.

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Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-13 0-2'

1211141-09 (Soil)

Analytical Chemists Laboratory, LLC.

Total Metals

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Aluminum	**6750**	79.8	mg/kg dry	MEM	11/19/12 16:29	SW 6010B	
Antimony	<1.60	1.60	"	MEM	11/19/12 14:37	"	
Arsenic	<1.60	1.60	"	MEM	"	"	
Barium	**54.4**	0.160	"	MEM	"	"	
Beryllium	<0.160	0.160	"	MEM	"	"	
Cadmium	**1.12**	0.798	"	MEM	"	"	
Calcium	**8200**	79.8	"	MEM	11/19/12 16:29	"	
Chromium	**7.68**	0.798	"	MEM	11/19/12 14:37	"	
Hexavalent Chromium	<0.263	0.263	"	HT	11/17/12 12:23	SW 7196A	I-02
Trivalent Chromium	**7.68**	1.05	"	MEM	11/20/12 14:29	Calc	
Cobalt	**7.84**	0.319	"	MEM	11/19/12 14:37	SW 6010B	
Copper	**22.9**	0.160	"	MEM	"	"	QB-01, B
Iron	**17100**	79.8	"	MEM	11/19/12 16:29	"	
Lead	**33.4**	1.60	"	MEM	11/19/12 14:37	"	
Magnesium	**5340**	79.8	"	MEM	11/19/12 16:29	"	
Manganese	**310**	7.98	"	MEM	"	"	
Mercury	**0.227**	0.013	"	MEM	11/19/12 14:03	SW 7471A	
Nickel	**45.0**	0.798	"	MEM	11/19/12 14:37	SW 6010B	
Potassium	**2120**	79.8	"	MEM	11/19/12 16:29	"	
Selenium	<0.798	0.798	"	MEM	11/19/12 14:37	"	
Silver	<0.798	0.798	"	MEM	"	"	
Sodium	**531**	1.60	"	MEM	"	"	
Thallium	<1.60	1.60	"	MEM	"	"	
Vanadium	**41.5**	0.160	"	MEM	"	"	
Zinc	**67.0**	0.798	"	MEM	"	"	

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59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-13 0-2'

1211141-09 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Benzene	<1.05	1.05	ug/kg dry	VNS	11/19/12 19:00	SW 5035, 8260B	
Bromobenzene	<2.11	2.11	"	VNS	"	"	
Bromochloromethane	<1.05	1.05	"	VNS	"	"	
Bromodichloromethane	<5.26	5.26	"	VNS	"	"	
Bromoform	<1.05	1.05	"	VNS	"	"	
Bromomethane	<2.11	2.11	"	VNS	"	"	
sec-Butylbenzene	<1.05	1.05	"	VNS	"	"	
n-Butylbenzene	<1.05	1.05	"	VNS	"	"	
tert-Butylbenzene	<1.05	1.05	"	VNS	"	"	
Carbon Tetrachloride	<2.11	2.11	"	VNS	"	"	
Chlorobenzene	<1.05	1.05	"	VNS	"	"	
Chloroethane	<2.11	2.11	"	VNS	"	"	
Chloroform	<1.05	1.05	"	VNS	"	"	
Chloromethane	<2.11	2.11	"	VNS	"	"	
2-Chlorotoluene	<2.11	2.11	"	VNS	"	"	
4-Chlorotoluene	<2.11	2.11	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	<2.11	2.11	"	VNS	"	"	
Dibromochloromethane	<2.11	2.11	"	VNS	"	"	
1,2-Dibromoethane	<2.11	2.11	"	VNS	"	"	
Dibromomethane	<1.05	1.05	"	VNS	"	"	
1,2-Dichlorobenzene	<1.05	1.05	"	VNS	"	"	
1,3-Dichlorobenzene	<2.11	2.11	"	VNS	"	"	
1,4-Dichlorobenzene	<1.05	1.05	"	VNS	"	"	
Dichlorodifluoromethane	<1.05	1.05	"	VNS	"	"	
1,1-Dichloroethane	<2.11	2.11	"	VNS	"	"	
1,2-Dichloroethane	<1.05	1.05	"	VNS	"	"	
1,1-Dichloroethene	<1.05	1.05	"	VNS	"	"	
cis-1,2-Dichloroethene	<1.05	1.05	"	VNS	"	"	
trans-1,2-Dichloroethene	<1.05	1.05	"	VNS	"	"	
1,3-Dichloropropane	<1.05	1.05	"	VNS	"	"	
2,2-Dichloropropane	<1.05	1.05	"	VNS	"	"	
1,2-Dichloropropane	<1.05	1.05	"	VNS	"	"	
trans-1,3-Dichloropropene	<1.05	1.05	"	VNS	"	"	
1,1-Dichloropropene	<1.05	1.05	"	VNS	"	"	
cis-1,3-Dichloropropene	<1.05	1.05	"	VNS	"	"	
Ethylbenzene	<1.05	1.05	"	VNS	"	"	

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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ANALYTICAL CHEMISTS Laboratory

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Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-13 0-2'

1211141-09 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
VOA MS							
Hexachlorobutadiene	<1.05	1.05	ug/kg dry	VNS	11/19/12 19:00	SW 5035, 8260B	
Isopropylbenzene	<2.11	2.11	"	VNS	"	"	
4-Isopropyltoluene	<1.05	1.05	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.05	1.05	"	VNS	"	"	
Methylene Chloride	<10.5	10.5	"	VNS	"	"	
n-Propylbenzene	<2.11	2.11	"	VNS	"	"	
Styrene	<1.05	1.05	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	<2.11	2.11	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	<1.05	1.05	"	VNS	"	"	
Tetrachloroethene	**28.7**	1.05	"	VNS	"	"	
Toluene	<1.05	1.05	"	VNS	"	"	
1,2,3-Trichlorobenzene	<2.11	2.11	"	VNS	"	"	
1,1,1-Trichloroethane	<1.05	1.05	"	VNS	"	"	
1,1,2-Trichloroethane	<2.11	2.11	"	VNS	"	"	
Trichloroethene	<1.05	1.05	"	VNS	"	"	
Trichlorofluoromethane	<1.05	1.05	"	VNS	"	"	
1,2,3-Trichloropropane	<5.26	5.26	"	VNS	"	"	
1,2,4-Trimethylbenzene	<1.05	1.05	"	VNS	"	"	
1,3,5-Trimethylbenzene	<2.11	2.11	"	VNS	"	"	
Vinyl chloride	<2.11	2.11	"	VNS	"	"	
m,p-Xylene	<2.11	2.11	"	VNS	"	"	
o-Xylene	<1.05	1.05	"	VNS	"	"	
SVOA MS							
Acenaphthene	<263	263	ug/kg dry	VM	11/19/12 19:11	SW 3545, 8270C	
Acenaphthylene	<263	263	"	VM	"	"	
Anthracene	<263	263	"	VM	"	"	
Benzo (a) anthracene	<263	263	"	VM	"	"	
Benzo (a) pyrene	<263	263	"	VM	"	"	
Benzo (b) fluoranthene	<263	263	"	VM	"	"	
Benzo (g,h,i) perylene	<263	263	"	VM	"	"	
Benzo (k) fluoranthene	<263	263	"	VM	"	"	
4-Bromophenyl phenyl ether	<263	263	"	VM	"	"	
Butyl benzyl phthalate	<263	263	"	VM	"	"	
4-Chloroaniline	<263	263	"	VM	"	"	
Bis(2-chloroethoxy)methane	<263	263	"	VM	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-13 0-2'

1211141-09 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
SVOA MS							
Bis(2-chloroethyl)ether	<263	263	ug/kg dry	VM	11/19/12 19:11	SW 3545, 8270C	
Bis(2-chloroisopropyl)ether	<263	263	"	VM	"	"	
2-Chloronaphthalene	<263	263	"	VM	"	"	
4-Chlorophenyl phenyl ether	<263	263	"	VM	"	"	
Chrysene	<263	263	"	VM	"	"	
Dibenz (a,h) anthracene	<263	263	"	VM	"	"	
Di-n-butyl phthalate	<263	263	"	VM	"	"	
3,3´-Dichlorobenzidine	<263	263	"	VM	"	"	
Diethyl phthalate	<263	263	"	VM	"	"	
Dimethyl phthalate	<263	263	"	VM	"	"	
2,4-Dinitrotoluene	<263	263	"	VM	"	"	
2,6-Dinitrotoluene	<263	263	"	VM	"	"	
Di-n-octyl phthalate	<263	263	"	VM	"	"	
Bis(2-ethylhexyl)phthalate	<316	316	"	VM	"	"	
Fluoranthene	<263	263	"	VM	"	"	
Fluorene	<263	263	"	VM	"	"	
Hexachlorobenzene	<263	263	"	VM	"	"	
Hexachlorobutadiene	<263	263	"	VM	"	"	
Hexachlorocyclopentadiene	<526	526	"	VM	"	"	
Hexachloroethane	<263	263	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	<263	263	"	VM	"	"	
Isophorone	<263	263	"	VM	"	"	
2-Methylnaphthalene	<263	263	"	VM	"	"	
Naphthalene	<263	263	"	VM	"	"	
3-Nitroaniline	<263	263	"	VM	"	"	
2-Nitroaniline	<263	263	"	VM	"	"	
4-Nitroaniline	<263	263	"	VM	"	"	
Nitrobenzene	<263	263	"	VM	"	"	
N-Nitrosodiphenylamine	<263	263	"	VM	"	"	
N-Nitrosodi-n-propylamine	<263	263	"	VM	"	"	
Phenanthrene	<263	263	"	VM	"	"	
Pyrene	<263	263	"	VM	"	"	
1,2,4-Trichlorobenzene	<263	263	"	VM	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-13 0-2'

1211141-09 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Pesticides							
alpha-BHC	<5.26	5.26	ug/kg dry	NU	11/20/12 13:58	SW 3545, 8081	
alpha-Chlordane	<5.26	5.26	"	NU	"	"	
beta-BHC	<5.26	5.26	"	NU	"	"	
Aldrin	<5.26	5.26	"	NU	"	"	
gamma-BHC (Lindane)	<5.26	5.26	"	NU	"	"	
gamma-Chlordane	<5.26	5.26	"	NU	"	"	
Heptachlor	<5.26	5.26	"	NU	"	"	
Heptachlor epoxide	<5.26	5.26	"	NU	"	"	
delta-BHC	<5.26	5.26	"	NU	"	"	
Endosulfan I	<5.26	5.26	"	NU	"	"	
Endosulfan II	<5.26	5.26	"	NU	"	"	
Endosulfan sulfate	<5.26	5.26	"	NU	"	"	
Endrin	<5.26	5.26	"	NU	"	"	
Endrin aldehyde	<5.26	5.26	"	NU	"	"	
Endrin ketone	<5.26	5.26	"	NU	"	"	
4,4´-DDD	<5.26	5.26	"	NU	"	"	
4,4´-DDE	<5.26	5.26	"	NU	"	"	
4,4´-DDT	<5.26	5.26	"	NU	"	"	
Methoxychlor	<5.26	5.26	"	NU	"	"	
Dieldrin	<5.26	5.26	"	NU	"	"	
Chlordane (technical)	<52.6	52.6	"	NU	"	"	
Toxaphene	<263	263	"	NU	"	"	
PCB							
Aroclor 1016	<68.4	68.4	ug/kg dry	NU	11/20/12 15:53	SW 3545, 8082	
Aroclor 1221	<105	105	"	NU	"	"	
Aroclor 1232	<75.8	75.8	"	NU	"	"	
Aroclor 1242	<105	105	"	NU	"	"	
Aroclor 1248	<63.2	63.2	"	NU	"	"	
Aroclor 1254	<31.6	31.6	"	NU	"	"	
Aroclor 1260	<105	105	"	NU	"	"	

Analytical Chemists Laboratory, LLC.

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-13 2'-4'

1211141-10 (Soil)

Analytical Chemists Laboratory, LLC.

Total Metals

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Aluminum	**6200**	76.5	mg/kg dry	MEM	11/19/12 16:36	SW 6010B	
Antimony	<1.53	1.53	"	MEM	11/19/12 14:44	"	
Arsenic	<1.53	1.53	"	MEM	"	"	
Barium	**419**	7.65	"	MEM	11/19/12 16:36	"	
Beryllium	**0.256**	0.153	"	MEM	11/19/12 14:44	"	
Cadmium	**1.50**	0.765	"	MEM	"	"	
Calcium	**11500**	76.5	"	MEM	11/19/12 16:36	"	
Chromium	**24.4**	0.765	"	MEM	11/19/12 14:44	"	
Hexavalent Chromium	<0.263	0.263	"	HT	11/17/12 12:23	SW 7196A	I-02
Trivalent Chromium	**24.4**	1.05	"	MEM	11/20/12 14:29	Calc	
Cobalt	**8.35**	0.306	"	MEM	11/19/12 14:44	SW 6010B	
Copper	**22.3**	0.153	"	MEM	"	"	QB-01, B
Iron	**26100**	76.5	"	MEM	11/19/12 16:36	"	
Lead	**113**	1.53	"	MEM	11/19/12 14:44	"	
Magnesium	**5030**	76.5	"	MEM	11/19/12 16:36	"	
Manganese	**441**	7.65	"	MEM	"	"	
Mercury	**0.187**	0.014	"	MEM	11/19/12 14:04	SW 7471A	
Nickel	**39.0**	0.765	"	MEM	11/19/12 14:44	SW 6010B	
Potassium	**1770**	76.5	"	MEM	11/19/12 16:36	"	
Selenium	<0.765	0.765	"	MEM	11/19/12 14:44	"	
Silver	<0.765	0.765	"	MEM	"	"	
Sodium	**181**	1.53	"	MEM	"	"	
Thallium	<1.53	1.53	"	MEM	"	"	
Vanadium	**28.5**	0.153	"	MEM	"	"	
Zinc	**217**	0.765	"	MEM	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-13 2'-4'

1211141-10 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Benzene	<1.05	1.05	ug/kg dry	VNS	11/19/12 19:34	SW 5035, 8260B	
Bromobenzene	<2.10	2.10	"	VNS	"	"	
Bromochloromethane	<1.05	1.05	"	VNS	"	"	
Bromodichloromethane	<5.26	5.26	"	VNS	"	"	
Bromoform	<1.05	1.05	"	VNS	"	"	
Bromomethane	<2.10	2.10	"	VNS	"	"	
sec-Butylbenzene	<1.05	1.05	"	VNS	"	"	
n-Butylbenzene	<1.05	1.05	"	VNS	"	"	
tert-Butylbenzene	<1.05	1.05	"	VNS	"	"	
Carbon Tetrachloride	<2.10	2.10	"	VNS	"	"	
Chlorobenzene	<1.05	1.05	"	VNS	"	"	
Chloroethane	<2.10	2.10	"	VNS	"	"	
Chloroform	<1.05	1.05	"	VNS	"	"	
Chloromethane	<2.10	2.10	"	VNS	"	"	
2-Chlorotoluene	<2.10	2.10	"	VNS	"	"	
4-Chlorotoluene	<2.10	2.10	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	<2.10	2.10	"	VNS	"	"	
Dibromochloromethane	<2.10	2.10	"	VNS	"	"	
1,2-Dibromoethane	<2.10	2.10	"	VNS	"	"	
Dibromomethane	<1.05	1.05	"	VNS	"	"	
1,2-Dichlorobenzene	<1.05	1.05	"	VNS	"	"	
1,3-Dichlorobenzene	<2.10	2.10	"	VNS	"	"	
1,4-Dichlorobenzene	<1.05	1.05	"	VNS	"	"	
Dichlorodifluoromethane	<1.05	1.05	"	VNS	"	"	
1,1-Dichloroethane	<2.10	2.10	"	VNS	"	"	
1,2-Dichloroethane	<1.05	1.05	"	VNS	"	"	
1,1-Dichloroethene	<1.05	1.05	"	VNS	"	"	
cis-1,2-Dichloroethene	<1.05	1.05	"	VNS	"	"	
trans-1,2-Dichloroethene	<1.05	1.05	"	VNS	"	"	
1,3-Dichloropropane	<1.05	1.05	"	VNS	"	"	
2,2-Dichloropropane	<1.05	1.05	"	VNS	"	"	
1,2-Dichloropropane	<1.05	1.05	"	VNS	"	"	
trans-1,3-Dichloropropene	<1.05	1.05	"	VNS	"	"	
1,1-Dichloropropene	<1.05	1.05	"	VNS	"	"	
cis-1,3-Dichloropropene	<1.05	1.05	"	VNS	"	"	
Ethylbenzene	<1.05	1.05	"	VNS	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-13 2'-4'

1211141-10 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Hexachlorobutadiene	<1.05	1.05	ug/kg dry	VNS	11/19/12 19:34	SW 5035, 8260B	
Isopropylbenzene	<2.10	2.10	"	VNS	"	"	
4-Isopropyltoluene	<1.05	1.05	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.05	1.05	"	VNS	"	"	
Methylene Chloride	<10.5	10.5	"	VNS	"	"	
n-Propylbenzene	<2.10	2.10	"	VNS	"	"	
Styrene	<1.05	1.05	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	<2.10	2.10	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	<1.05	1.05	"	VNS	"	"	
Tetrachloroethene	**29.6**	1.05	"	VNS	"	"	
Toluene	<1.05	1.05	"	VNS	"	"	
1,2,3-Trichlorobenzene	<2.10	2.10	"	VNS	"	"	
1,1,1-Trichloroethane	<1.05	1.05	"	VNS	"	"	
1,1,2-Trichloroethane	<2.10	2.10	"	VNS	"	"	
Trichloroethene	<1.05	1.05	"	VNS	"	"	
Trichlorofluoromethane	<1.05	1.05	"	VNS	"	"	
1,2,3-Trichloropropane	<5.26	5.26	"	VNS	"	"	
1,2,4-Trimethylbenzene	<1.05	1.05	"	VNS	"	"	
1,3,5-Trimethylbenzene	<2.10	2.10	"	VNS	"	"	
Vinyl chloride	<2.10	2.10	"	VNS	"	"	
m,p-Xylene	<2.10	2.10	"	VNS	"	"	
o-Xylene	<1.05	1.05	"	VNS	"	"	
SVOA MS							
Acenaphthene	**1270**	263	ug/kg dry	VM	11/20/12 03:00	SW 3545, 8270C	
Acenaphthylene	<263	263	"	VM	"	"	
Anthracene	**3930**	263	"	VM	"	"	
Benzo (a) anthracene	**9700**	2630	"	VM	11/19/12 23:00	"	
Benzo (a) pyrene	**9670**	2630	"	VM	"	"	
Benzo (b) fluoranthene	**15000**	2630	"	VM	"	"	
Benzo (g,h,i) perylene	**5150**	263	"	VM	11/20/12 03:00	"	
Benzo (k) fluoranthene	**5400**	263	"	VM	"	"	
4-Bromophenyl phenyl ether	<263	263	"	VM	"	"	
Butyl benzyl phthalate	<263	263	"	VM	"	"	
4-Chloroaniline	<263	263	"	VM	"	"	
Bis(2-chloroethoxy)methane	<263	263	"	VM	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-13 2'-4'

1211141-10 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
SVOA MS							
Bis(2-chloroethyl)ether	<263	263	ug/kg dry	VM	11/20/12 03:00	SW 3545, 8270C	
Bis(2-chloroisopropyl)ether	<263	263	"	VM	"	"	
2-Chloronaphthalene	<263	263	"	VM	"	"	
4-Chlorophenyl phenyl ether	<263	263	"	VM	"	"	
Chrysene	**9090**	2630	"	VM	11/19/12 23:00	"	
Dibenz (a,h) anthracene	<263	263	"	VM	11/20/12 03:00	"	
Di-n-butyl phthalate	<263	263	"	VM	"	"	
3,3´-Dichlorobenzidine	<263	263	"	VM	"	"	
Diethyl phthalate	<263	263	"	VM	"	"	
Dimethyl phthalate	<263	263	"	VM	"	"	
2,4-Dinitrotoluene	<263	263	"	VM	"	"	
2,6-Dinitrotoluene	<263	263	"	VM	"	"	
Di-n-octyl phthalate	<263	263	"	VM	"	"	
Bis(2-ethylhexyl)phthalate	<315	315	"	VM	"	"	
Fluoranthene	**22200**	2630	"	VM	11/19/12 23:00	"	
Fluorene	**1380**	263	"	VM	11/20/12 03:00	"	
Hexachlorobenzene	<263	263	"	VM	"	"	
Hexachlorobutadiene	<263	263	"	VM	"	"	
Hexachlorocyclopentadiene	<526	526	"	VM	"	"	
Hexachloroethane	<263	263	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	**5860**	263	"	VM	"	"	
Isophorone	<263	263	"	VM	"	"	
2-Methylnaphthalene	<263	263	"	VM	"	"	
Naphthalene	<263	263	"	VM	"	"	
3-Nitroaniline	<263	263	"	VM	"	"	
2-Nitroaniline	<263	263	"	VM	"	"	
4-Nitroaniline	<263	263	"	VM	"	"	
Nitrobenzene	<263	263	"	VM	"	"	
N-Nitrosodiphenylamine	<263	263	"	VM	"	"	
N-Nitrosodi-n-propylamine	<263	263	"	VM	"	"	
Phenanthrene	**14300**	2630	"	VM	11/19/12 23:00	"	
Pyrene	**19200**	2630	"	VM	"	"	
1,2,4-Trichlorobenzene	<263	263	"	VM	11/20/12 03:00	"	

ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-13 2'-4'

1211141-10 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
Pesticides							
alpha-BHC	<5.26	5.26	ug/kg dry	NU	11/20/12 13:58	SW 3545, 8081	
alpha-Chlordane	<5.26	5.26	"	NU	"	"	
beta-BHC	<5.26	5.26	"	NU	"	"	
Aldrin	<5.26	5.26	"	NU	"	"	
gamma-BHC (Lindane)	<5.26	5.26	"	NU	"	"	
gamma-Chlordane	<5.26	5.26	"	NU	"	"	
Heptachlor	<5.26	5.26	"	NU	"	"	
Heptachlor epoxide	<5.26	5.26	"	NU	"	"	
delta-BHC	<5.26	5.26	"	NU	"	"	
Endosulfan I	<5.26	5.26	"	NU	"	"	
Endosulfan II	<5.26	5.26	"	NU	"	"	
Endosulfan sulfate	<5.26	5.26	"	NU	"	"	
Endrin	<5.26	5.26	"	NU	"	"	
Endrin aldehyde	<5.26	5.26	"	NU	"	"	
Endrin ketone	<5.26	5.26	"	NU	"	"	
4,4´-DDD	<5.26	5.26	"	NU	"	"	
4,4´-DDE	**14.5**	5.26	"	NU	"	"	
4,4´-DDT	**60.3**	5.26	"	NU	"	"	
Methoxychlor	<5.26	5.26	"	NU	"	"	
Dieldrin	<5.26	5.26	"	NU	"	"	
Chlordane (technical)	<52.6	52.6	"	NU	"	"	
Toxaphene	<263	263	"	NU	"	"	
PCB							
Aroclor 1016	<68.3	68.3	ug/kg dry	NU	11/20/12 15:53	SW 3545, 8082	
Aroclor 1221	<105	105	"	NU	"	"	
Aroclor 1232	<75.7	75.7	"	NU	"	"	
Aroclor 1242	<105	105	"	NU	"	"	
Aroclor 1248	<63.1	63.1	"	NU	"	"	
Aroclor 1254	<31.5	31.5	"	NU	"	"	
Aroclor 1260	<105	105	"	NU	"	"	

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-14 0-2'

1211141-11 (Soil)

Analytical Chemists Laboratory, LLC.

Total Metals

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Aluminum	**7400**	80.4	mg/kg dry	MEM	11/19/12 16:42	SW 6010B	
Antimony	<1.61	1.61	"	MEM	11/19/12 14:50	"	
Arsenic	<1.61	1.61	"	MEM	"	"	
Barium	**79.0**	0.161	"	MEM	"	"	
Beryllium	**0.237**	0.161	"	MEM	"	"	
Cadmium	**1.28**	0.804	"	MEM	"	"	
Calcium	**21600**	80.4	"	MEM	11/19/12 16:42	"	
Chromium	**9.66**	0.804	"	MEM	11/19/12 14:50	"	
Hexavalent Chromium	<0.276	0.276	"	HT	11/17/12 12:23	SW 7196A	I-02
Trivalent Chromium	**9.66**	1.10	"	MEM	11/20/12 14:29	Calc	
Cobalt	**7.07**	0.322	"	MEM	11/19/12 14:50	SW 6010B	
Copper	**20.1**	0.161	"	MEM	"	"	QB-01, B
Iron	**17200**	80.4	"	MEM	11/19/12 16:42	"	
Lead	**26.5**	1.61	"	MEM	11/19/12 14:50	"	
Magnesium	**3560**	80.4	"	MEM	11/19/12 16:42	"	
Manganese	**233**	8.04	"	MEM	"	"	
Mercury	**0.180**	0.015	"	MEM	11/19/12 14:06	SW 7471A	
Nickel	**16.3**	0.804	"	MEM	11/19/12 14:50	SW 6010B	
Potassium	**2040**	80.4	"	MEM	11/19/12 16:42	"	
Selenium	<0.804	0.804	"	MEM	11/19/12 14:50	"	
Silver	<0.804	0.804	"	MEM	"	"	
Sodium	**439**	1.61	"	MEM	"	"	
Thallium	<1.61	1.61	"	MEM	"	"	
Vanadium	**26.4**	0.161	"	MEM	"	"	
Zinc	**61.9**	0.804	"	MEM	"	"	

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-14 0-2'

1211141-11 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Benzene	<1.10	1.10	ug/kg dry	VNS	11/19/12 20:07	SW 5035, 8260B	
Bromobenzene	<2.21	2.21	"	VNS	"	"	
Bromochloromethane	<1.10	1.10	"	VNS	"	"	
Bromodichloromethane	<5.52	5.52	"	VNS	"	"	
Bromoform	<1.10	1.10	"	VNS	"	"	
Bromomethane	<2.21	2.21	"	VNS	"	"	
sec-Butylbenzene	<1.10	1.10	"	VNS	"	"	
n-Butylbenzene	<1.10	1.10	"	VNS	"	"	
tert-Butylbenzene	<1.10	1.10	"	VNS	"	"	
Carbon Tetrachloride	<2.21	2.21	"	VNS	"	"	
Chlorobenzene	<1.10	1.10	"	VNS	"	"	
Chloroethane	<2.21	2.21	"	VNS	"	"	
Chloroform	<1.10	1.10	"	VNS	"	"	
Chloromethane	<2.21	2.21	"	VNS	"	"	
2-Chlorotoluene	<2.21	2.21	"	VNS	"	"	
4-Chlorotoluene	<2.21	2.21	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	<2.21	2.21	"	VNS	"	"	
Dibromochloromethane	<2.21	2.21	"	VNS	"	"	
1,2-Dibromoethane	<2.21	2.21	"	VNS	"	"	
Dibromomethane	<1.10	1.10	"	VNS	"	"	
1,2-Dichlorobenzene	<1.10	1.10	"	VNS	"	"	
1,3-Dichlorobenzene	<2.21	2.21	"	VNS	"	"	
1,4-Dichlorobenzene	<1.10	1.10	"	VNS	"	"	
Dichlorodifluoromethane	<1.10	1.10	"	VNS	"	"	
1,1-Dichloroethane	<2.21	2.21	"	VNS	"	"	
1,2-Dichloroethane	<1.10	1.10	"	VNS	"	"	
1,1-Dichloroethene	<1.10	1.10	"	VNS	"	"	
cis-1,2-Dichloroethene	<1.10	1.10	"	VNS	"	"	
trans-1,2-Dichloroethene	<1.10	1.10	"	VNS	"	"	
1,3-Dichloropropane	<1.10	1.10	"	VNS	"	"	
2,2-Dichloropropane	<1.10	1.10	"	VNS	"	"	
1,2-Dichloropropane	<1.10	1.10	"	VNS	"	"	
trans-1,3-Dichloropropene	<1.10	1.10	"	VNS	"	"	
1,1-Dichloropropene	<1.10	1.10	"	VNS	"	"	
cis-1,3-Dichloropropene	<1.10	1.10	"	VNS	"	"	
Ethylbenzene	<1.10	1.10	"	VNS	"	"	

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-14 0-2'

1211141-11 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
VOA MS							
Hexachlorobutadiene	<1.10	1.10	ug/kg dry	VNS	11/19/12 20:07	SW 5035, 8260B	
Isopropylbenzene	<2.21	2.21	"	VNS	"	"	
4-Isopropyltoluene	<1.10	1.10	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.10	1.10	"	VNS	"	"	
Methylene Chloride	<11.0	11.0	"	VNS	"	"	
n-Propylbenzene	<2.21	2.21	"	VNS	"	"	
Styrene	<1.10	1.10	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	<2.21	2.21	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	<1.10	1.10	"	VNS	"	"	
Tetrachloroethene	**4.25**	1.10	"	VNS	"	"	
Toluene	<1.10	1.10	"	VNS	"	"	
1,2,3-Trichlorobenzene	<2.21	2.21	"	VNS	"	"	
1,1,1-Trichloroethane	<1.10	1.10	"	VNS	"	"	
1,1,2-Trichloroethane	<2.21	2.21	"	VNS	"	"	
Trichloroethene	<1.10	1.10	"	VNS	"	"	
Trichlorofluoromethane	<1.10	1.10	"	VNS	"	"	
1,2,3-Trichloropropane	<5.52	5.52	"	VNS	"	"	
1,2,4-Trimethylbenzene	<1.10	1.10	"	VNS	"	"	
1,3,5-Trimethylbenzene	<2.21	2.21	"	VNS	"	"	
Vinyl chloride	<2.21	2.21	"	VNS	"	"	
m,p-Xylene	<2.21	2.21	"	VNS	"	"	
o-Xylene	<1.10	1.10	"	VNS	"	"	
SVOA MS							
Acenaphthene	<276	276	ug/kg dry	VM	11/19/12 20:08	SW 3545, 8270C	
Acenaphthylene	<276	276	"	VM	"	"	
Anthracene	<276	276	"	VM	"	"	
Benzo (a) anthracene	**301**	276	"	VM	"	"	
Benzo (a) pyrene	**294**	276	"	VM	"	"	
Benzo (b) fluoranthene	**285**	276	"	VM	"	"	
Benzo (g,h,i) perylene	<276	276	"	VM	"	"	
Benzo (k) fluoranthene	<276	276	"	VM	"	"	
4-Bromophenyl phenyl ether	<276	276	"	VM	"	"	
Butyl benzyl phthalate	<276	276	"	VM	"	"	
4-Chloroaniline	<276	276	"	VM	"	"	
Bis(2-chloroethoxy)methane	<276	276	"	VM	"	"	

Analytical Chemists Laboratory, LLC.

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-14 0-2'

1211141-11 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
SVOA MS							
Bis(2-chloroethyl)ether	<276	276	ug/kg dry	VM	11/19/12 20:08	SW 3545, 8270C	
Bis(2-chloroisopropyl)ether	<276	276	"	VM	"	"	
2-Chloronaphthalene	<276	276	"	VM	"	"	
4-Chlorophenyl phenyl ether	<276	276	"	VM	"	"	
Chrysene	**280**	276	"	VM	"	"	
Dibenz (a,h) anthracene	<276	276	"	VM	"	"	
Di-n-butyl phthalate	<276	276	"	VM	"	"	
3,3´-Dichlorobenzidine	<276	276	"	VM	"	"	
Diethyl phthalate	<276	276	"	VM	"	"	
Dimethyl phthalate	<276	276	"	VM	"	"	
2,4-Dinitrotoluene	<276	276	"	VM	"	"	
2,6-Dinitrotoluene	<276	276	"	VM	"	"	
Di-n-octyl phthalate	<276	276	"	VM	"	"	
Bis(2-ethylhexyl)phthalate	<331	331	"	VM	"	"	
Fluoranthene	**648**	276	"	VM	"	"	
Fluorene	<276	276	"	VM	"	"	
Hexachlorobenzene	<276	276	"	VM	"	"	
Hexachlorobutadiene	<276	276	"	VM	"	"	
Hexachlorocyclopentadiene	<552	552	"	VM	"	"	
Hexachloroethane	<276	276	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	<276	276	"	VM	"	"	
Isophorone	<276	276	"	VM	"	"	
2-Methylnaphthalene	<276	276	"	VM	"	"	
Naphthalene	<276	276	"	VM	"	"	
3-Nitroaniline	<276	276	"	VM	"	"	
2-Nitroaniline	<276	276	"	VM	"	"	
4-Nitroaniline	<276	276	"	VM	"	"	
Nitrobenzene	<276	276	"	VM	"	"	
N-Nitrosodiphenylamine	<276	276	"	VM	"	"	
N-Nitrosodi-n-propylamine	<276	276	"	VM	"	"	
Phenanthrene	**549**	276	"	VM	"	"	
Pyrene	**529**	276	"	VM	"	"	
1,2,4-Trichlorobenzene	<276	276	"	VM	"	"	

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-14 0-2'

1211141-11 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
Pesticides							
alpha-BHC	<5.52	5.52	ug/kg dry	NU	11/20/12 13:58	SW 3545, 8081	
alpha-Chlordane	<5.52	5.52	"	NU	"	"	
beta-BHC	<5.52	5.52	"	NU	"	"	
Aldrin	<5.52	5.52	"	NU	"	"	
gamma-BHC (Lindane)	<5.52	5.52	"	NU	"	"	
gamma-Chlordane	<5.52	5.52	"	NU	"	"	
Heptachlor	<5.52	5.52	"	NU	"	"	
Heptachlor epoxide	<5.52	5.52	"	NU	"	"	
delta-BHC	<5.52	5.52	"	NU	"	"	
Endosulfan I	<5.52	5.52	"	NU	"	"	
Endosulfan II	<5.52	5.52	"	NU	"	"	
Endosulfan sulfate	<5.52	5.52	"	NU	"	"	
Endrin	<5.52	5.52	"	NU	"	"	
Endrin aldehyde	<5.52	5.52	"	NU	"	"	
Endrin ketone	<5.52	5.52	"	NU	"	"	
4,4´-DDD	<5.52	5.52	"	NU	"	"	
4,4´-DDE	<5.52	5.52	"	NU	"	"	
4,4´-DDT	<5.52	5.52	"	NU	"	"	
Methoxychlor	<5.52	5.52	"	NU	"	"	
Dieldrin	<5.52	5.52	"	NU	"	"	
Chlordane (technical)	<55.2	55.2	"	NU	"	"	
Toxaphene	<276	276	"	NU	"	"	
PCB							
Aroclor 1016	<71.7	71.7	ug/kg dry	NU	11/20/12 15:53	SW 3545, 8082	
Aroclor 1221	<110	110	"	NU	"	"	
Aroclor 1232	<79.5	79.5	"	NU	"	"	
Aroclor 1242	<110	110	"	NU	"	"	
Aroclor 1248	<66.2	66.2	"	NU	"	"	
Aroclor 1254	<33.1	33.1	"	NU	"	"	
Aroclor 1260	<110	110	"	NU	"	"	

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-14 2'-4'

1211141-12 (Soil)

Analytical Chemists Laboratory, LLC.

Total Metals

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Aluminum	**7370**	97.4	mg/kg dry	MEM	11/19/12 16:48	SW 6010B	
Antimony	<1.95	1.95	"	MEM	11/19/12 14:56	"	
Arsenic	<1.95	1.95	"	MEM	"	"	
Barium	**83.0**	0.195	"	MEM	"	"	
Beryllium	**0.316**	0.195	"	MEM	"	"	
Cadmium	**1.24**	0.974	"	MEM	"	"	
Calcium	**24100**	97.4	"	MEM	11/19/12 16:48	"	
Chromium	**4.42**	0.974	"	MEM	11/19/12 14:56	"	
Hexavalent Chromium	<0.252	0.252	"	HT	11/17/12 12:23	SW 7196A	I-02
Trivalent Chromium	**4.42**	1.08	"	MEM	11/20/12 14:29	Calc	
Cobalt	**7.27**	0.389	"	MEM	11/19/12 14:56	SW 6010B	
Copper	**26.7**	0.195	"	MEM	"	"	QB-01, B
Iron	**18700**	97.4	"	MEM	11/19/12 16:48	"	
Lead	**28.4**	1.95	"	MEM	11/19/12 14:56	"	
Magnesium	**3650**	97.4	"	MEM	11/19/12 16:48	"	
Manganese	**471**	9.74	"	MEM	"	"	
Mercury	**0.099**	0.014	"	MEM	11/19/12 14:08	SW 7471A	
Nickel	**15.7**	0.974	"	MEM	11/19/12 14:56	SW 6010B	
Potassium	**1760**	97.4	"	MEM	11/19/12 16:48	"	
Selenium	<0.974	0.974	"	MEM	11/19/12 14:56	"	
Silver	<0.974	0.974	"	MEM	"	"	
Sodium	**471**	1.95	"	MEM	"	"	
Thallium	<1.95	1.95	"	MEM	"	"	
Vanadium	**31.2**	0.195	"	MEM	"	"	
Zinc	**56.4**	0.974	"	MEM	"	"	

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-14 2'-4'

1211141-12 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Benzene	<1.08	1.08	ug/kg dry	VNS	11/19/12 20:41	SW 5035, 8260B	
Bromobenzene	<2.16	2.16	"	VNS	"	"	
Bromochloromethane	<1.08	1.08	"	VNS	"	"	
Bromodichloromethane	<5.41	5.41	"	VNS	"	"	
Bromoform	<1.08	1.08	"	VNS	"	"	
Bromomethane	<2.16	2.16	"	VNS	"	"	
sec-Butylbenzene	<1.08	1.08	"	VNS	"	"	
n-Butylbenzene	<1.08	1.08	"	VNS	"	"	
tert-Butylbenzene	<1.08	1.08	"	VNS	"	"	
Carbon Tetrachloride	<2.16	2.16	"	VNS	"	"	
Chlorobenzene	<1.08	1.08	"	VNS	"	"	
Chloroethane	<2.16	2.16	"	VNS	"	"	
Chloroform	<1.08	1.08	"	VNS	"	"	
Chloromethane	<2.16	2.16	"	VNS	"	"	
2-Chlorotoluene	<2.16	2.16	"	VNS	"	"	
4-Chlorotoluene	<2.16	2.16	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	<2.16	2.16	"	VNS	"	"	
Dibromochloromethane	<2.16	2.16	"	VNS	"	"	
1,2-Dibromoethane	<2.16	2.16	"	VNS	"	"	
Dibromomethane	<1.08	1.08	"	VNS	"	"	
1,2-Dichlorobenzene	<1.08	1.08	"	VNS	"	"	
1,3-Dichlorobenzene	<2.16	2.16	"	VNS	"	"	
1,4-Dichlorobenzene	<1.08	1.08	"	VNS	"	"	
Dichlorodifluoromethane	<1.08	1.08	"	VNS	"	"	
1,1-Dichloroethane	<2.16	2.16	"	VNS	"	"	
1,2-Dichloroethane	<1.08	1.08	"	VNS	"	"	
1,1-Dichloroethene	<1.08	1.08	"	VNS	"	"	
cis-1,2-Dichloroethene	<1.08	1.08	"	VNS	"	"	
trans-1,2-Dichloroethene	<1.08	1.08	"	VNS	"	"	
1,3-Dichloropropane	<1.08	1.08	"	VNS	"	"	
2,2-Dichloropropane	<1.08	1.08	"	VNS	"	"	
1,2-Dichloropropane	<1.08	1.08	"	VNS	"	"	
trans-1,3-Dichloropropene	<1.08	1.08	"	VNS	"	"	
1,1-Dichloropropene	<1.08	1.08	"	VNS	"	"	
cis-1,3-Dichloropropene	<1.08	1.08	"	VNS	"	"	
Ethylbenzene	<1.08	1.08	"	VNS	"	"	

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15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-14 2'-4'

1211141-12 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Hexachlorobutadiene	<1.08	1.08	ug/kg dry	VNS	11/19/12 20:41	SW 5035, 8260B	
Isopropylbenzene	<2.16	2.16	"	VNS	"	"	
4-Isopropyltoluene	<1.08	1.08	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.08	1.08	"	VNS	"	"	
Methylene Chloride	<10.8	10.8	"	VNS	"	"	
n-Propylbenzene	<2.16	2.16	"	VNS	"	"	
Styrene	<1.08	1.08	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	<2.16	2.16	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	<1.08	1.08	"	VNS	"	"	
Tetrachloroethene	**14.8**	1.08	"	VNS	"	"	
Toluene	<1.08	1.08	"	VNS	"	"	
1,2,3-Trichlorobenzene	<2.16	2.16	"	VNS	"	"	
1,1,1-Trichloroethane	<1.08	1.08	"	VNS	"	"	
1,1,2-Trichloroethane	<2.16	2.16	"	VNS	"	"	
Trichloroethene	<1.08	1.08	"	VNS	"	"	
Trichlorofluoromethane	<1.08	1.08	"	VNS	"	"	
1,2,3-Trichloropropane	<5.41	5.41	"	VNS	"	"	
1,2,4-Trimethylbenzene	<1.08	1.08	"	VNS	"	"	
1,3,5-Trimethylbenzene	<2.16	2.16	"	VNS	"	"	
Vinyl chloride	<2.16	2.16	"	VNS	"	"	
m,p-Xylene	<2.16	2.16	"	VNS	"	"	
o-Xylene	<1.08	1.08	"	VNS	"	"	
SVOA MS							
Acenaphthene	<271	271	ug/kg dry	VM	11/19/12 19:39	SW 3545, 8270C	
Acenaphthylene	<271	271	"	VM	"	"	
Anthracene	<271	271	"	VM	"	"	
Benzo (a) anthracene	<271	271	"	VM	"	"	
Benzo (a) pyrene	<271	271	"	VM	"	"	
Benzo (b) fluoranthene	<271	271	"	VM	"	"	
Benzo (g,h,i) perylene	<271	271	"	VM	"	"	
Benzo (k) fluoranthene	<271	271	"	VM	"	"	
4-Bromophenyl phenyl ether	<271	271	"	VM	"	"	
Butyl benzyl phthalate	<271	271	"	VM	"	"	
4-Chloroaniline	<271	271	"	VM	"	"	
Bis(2-chloroethoxy)methane	<271	271	"	VM	"	"	

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15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-14 2'-4'

1211141-12 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
SVOA MS							
Bis(2-chloroethyl)ether	<271	271	ug/kg dry	VM	11/19/12 19:39	SW 3545, 8270C	
Bis(2-chloroisopropyl)ether	<271	271	"	VM	"	"	
2-Chloronaphthalene	<271	271	"	VM	"	"	
4-Chlorophenyl phenyl ether	<271	271	"	VM	"	"	
Chrysene	<271	271	"	VM	"	"	
Dibenz (a,h) anthracene	<271	271	"	VM	"	"	
Di-n-butyl phthalate	<271	271	"	VM	"	"	
3,3´-Dichlorobenzidine	<271	271	"	VM	"	"	
Diethyl phthalate	<271	271	"	VM	"	"	
Dimethyl phthalate	<271	271	"	VM	"	"	
2,4-Dinitrotoluene	<271	271	"	VM	"	"	
2,6-Dinitrotoluene	<271	271	"	VM	"	"	
Di-n-octyl phthalate	<271	271	"	VM	"	"	
Bis(2-ethylhexyl)phthalate	<325	325	"	VM	"	"	
Fluoranthene	<271	271	"	VM	"	"	
Fluorene	<271	271	"	VM	"	"	
Hexachlorobenzene	<271	271	"	VM	"	"	
Hexachlorobutadiene	<271	271	"	VM	"	"	
Hexachlorocyclopentadiene	<541	541	"	VM	"	"	
Hexachloroethane	<271	271	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	<271	271	"	VM	"	"	
Isophorone	<271	271	"	VM	"	"	
2-Methylnaphthalene	<271	271	"	VM	"	"	
Naphthalene	<271	271	"	VM	"	"	
3-Nitroaniline	<271	271	"	VM	"	"	
2-Nitroaniline	<271	271	"	VM	"	"	
4-Nitroaniline	<271	271	"	VM	"	"	
Nitrobenzene	<271	271	"	VM	"	"	
N-Nitrosodiphenylamine	<271	271	"	VM	"	"	
N-Nitrosodi-n-propylamine	<271	271	"	VM	"	"	
Phenanthrene	<271	271	"	VM	"	"	
Pyrene	<271	271	"	VM	"	"	
1,2,4-Trichlorobenzene	<271	271	"	VM	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-14 2'-4'

1211141-12 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Pesticides							
alpha-BHC	<5.41	5.41	ug/kg dry	NU	11/20/12 13:58	SW 3545, 8081	
alpha-Chlordane	<5.41	5.41	"	NU	"	"	
beta-BHC	<5.41	5.41	"	NU	"	"	
Aldrin	<5.41	5.41	"	NU	"	"	
gamma-BHC (Lindane)	<5.41	5.41	"	NU	"	"	
gamma-Chlordane	<5.41	5.41	"	NU	"	"	
Heptachlor	<5.41	5.41	"	NU	"	"	
Heptachlor epoxide	<5.41	5.41	"	NU	"	"	
delta-BHC	<5.41	5.41	"	NU	"	"	
Endosulfan I	<5.41	5.41	"	NU	"	"	
Endosulfan II	<5.41	5.41	"	NU	"	"	
Endosulfan sulfate	<5.41	5.41	"	NU	"	"	
Endrin	<5.41	5.41	"	NU	"	"	
Endrin aldehyde	<5.41	5.41	"	NU	"	"	
Endrin ketone	<5.41	5.41	"	NU	"	"	
4,4´-DDD	<5.41	5.41	"	NU	"	"	
4,4´-DDE	<5.41	5.41	"	NU	"	"	
4,4´-DDT	<5.41	5.41	"	NU	"	"	
Methoxychlor	<5.41	5.41	"	NU	"	"	
Dieldrin	<5.41	5.41	"	NU	"	"	
Chlordane (technical)	<54.1	54.1	"	NU	"	"	
Toxaphene	<271	271	"	NU	"	"	
PCB							
Aroclor 1016	<70.3	70.3	ug/kg dry	NU	11/20/12 15:53	SW 3545, 8082	
Aroclor 1221	<108	108	"	NU	"	"	
Aroclor 1232	<77.9	77.9	"	NU	"	"	
Aroclor 1242	<108	108	"	NU	"	"	
Aroclor 1248	<64.9	64.9	"	NU	"	"	
Aroclor 1254	<32.5	32.5	"	NU	"	"	
Aroclor 1260	<108	108	"	NU	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-15 0-2'

1211141-13 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
Total Metals							
Aluminum	**9800**	82.9	mg/kg dry	MEM	11/19/12 16:54	SW 6010B	
Antimony	<1.66	1.66	"	MEM	11/19/12 15:02	"	
Arsenic	<1.66	1.66	"	MEM	"	"	
Barium	**73.8**	0.166	"	MEM	"	"	
Beryllium	<0.166	0.166	"	MEM	"	"	
Cadmium	**1.85**	0.829	"	MEM	"	"	
Calcium	**5580**	82.9	"	MEM	11/19/12 16:54	"	
Chromium	**13.4**	0.829	"	MEM	11/19/12 15:02	"	
Hexavalent Chromium	<0.295	0.295	"	HT	11/17/12 12:23	SW 7196A	I-02
Trivalent Chromium	**13.4**	1.18	"	MEM	11/20/12 14:29	Calc	
Cobalt	**10.6**	0.332	"	MEM	11/19/12 15:02	SW 6010B	
Copper	**22.3**	0.166	"	MEM	"	"	QB-01, B
Iron	**27400**	82.9	"	MEM	11/19/12 16:54	"	
Lead	**17.6**	1.66	"	MEM	11/19/12 15:02	"	
Magnesium	**4960**	82.9	"	MEM	11/19/12 16:54	"	
Manganese	**405**	8.29	"	MEM	"	"	
Mercury	**0.020**	0.018	"	MEM	11/19/12 14:10	SW 7471A	
Nickel	**27.4**	0.829	"	MEM	11/19/12 15:02	SW 6010B	
Potassium	**3070**	82.9	"	MEM	11/19/12 16:54	"	
Selenium	<0.829	0.829	"	MEM	11/19/12 15:02	"	
Silver	<0.829	0.829	"	MEM	"	"	
Sodium	**240**	1.66	"	MEM	"	"	
Thallium	**1.76**	1.66	"	MEM	"	"	
Vanadium	**41.8**	0.166	"	MEM	"	"	
Zinc	**70.6**	0.829	"	MEM	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-15 0-2'

1211141-13 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Benzene	<1.18	1.18	ug/kg dry	VNS	11/19/12 21:14	SW 5035, 8260B	
Bromobenzene	<2.36	2.36	"	VNS	"	"	
Bromochloromethane	<1.18	1.18	"	VNS	"	"	
Bromodichloromethane	<5.90	5.90	"	VNS	"	"	
Bromoform	<1.18	1.18	"	VNS	"	"	
Bromomethane	<2.36	2.36	"	VNS	"	"	
sec-Butylbenzene	<1.18	1.18	"	VNS	"	"	
n-Butylbenzene	<1.18	1.18	"	VNS	"	"	
tert-Butylbenzene	<1.18	1.18	"	VNS	"	"	
Carbon Tetrachloride	<2.36	2.36	"	VNS	"	"	
Chlorobenzene	<1.18	1.18	"	VNS	"	"	
Chloroethane	<2.36	2.36	"	VNS	"	"	
Chloroform	<1.18	1.18	"	VNS	"	"	
Chloromethane	<2.36	2.36	"	VNS	"	"	
2-Chlorotoluene	<2.36	2.36	"	VNS	"	"	
4-Chlorotoluene	<2.36	2.36	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	<2.36	2.36	"	VNS	"	"	
Dibromochloromethane	<2.36	2.36	"	VNS	"	"	
1,2-Dibromoethane	<2.36	2.36	"	VNS	"	"	
Dibromomethane	<1.18	1.18	"	VNS	"	"	
1,2-Dichlorobenzene	<1.18	1.18	"	VNS	"	"	
1,3-Dichlorobenzene	<2.36	2.36	"	VNS	"	"	
1,4-Dichlorobenzene	<1.18	1.18	"	VNS	"	"	
Dichlorodifluoromethane	<1.18	1.18	"	VNS	"	"	
1,1-Dichloroethane	<2.36	2.36	"	VNS	"	"	
1,2-Dichloroethane	<1.18	1.18	"	VNS	"	"	
1,1-Dichloroethene	<1.18	1.18	"	VNS	"	"	
cis-1,2-Dichloroethene	<1.18	1.18	"	VNS	"	"	
trans-1,2-Dichloroethene	<1.18	1.18	"	VNS	"	"	
1,3-Dichloropropane	<1.18	1.18	"	VNS	"	"	
2,2-Dichloropropane	<1.18	1.18	"	VNS	"	"	
1,2-Dichloropropane	<1.18	1.18	"	VNS	"	"	
trans-1,3-Dichloropropene	<1.18	1.18	"	VNS	"	"	
1,1-Dichloropropene	<1.18	1.18	"	VNS	"	"	
cis-1,3-Dichloropropene	<1.18	1.18	"	VNS	"	"	
Ethylbenzene	<1.18	1.18	"	VNS	"	"	

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15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-15 0-2'

1211141-13 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Hexachlorobutadiene	<1.18	1.18	ug/kg dry	VNS	11/19/12 21:14	SW 5035, 8260B	
Isopropylbenzene	<2.36	2.36	"	VNS	"	"	
4-Isopropyltoluene	<1.18	1.18	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.18	1.18	"	VNS	"	"	
Methylene Chloride	<11.8	11.8	"	VNS	"	"	
n-Propylbenzene	<2.36	2.36	"	VNS	"	"	
Styrene	<1.18	1.18	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	<2.36	2.36	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	<1.18	1.18	"	VNS	"	"	
Tetrachloroethene	<1.18	1.18	"	VNS	"	"	
Toluene	<1.18	1.18	"	VNS	"	"	
1,2,3-Trichlorobenzene	<2.36	2.36	"	VNS	"	"	
1,1,1-Trichloroethane	<1.18	1.18	"	VNS	"	"	
1,1,2-Trichloroethane	<2.36	2.36	"	VNS	"	"	
Trichloroethene	<1.18	1.18	"	VNS	"	"	
Trichlorofluoromethane	<1.18	1.18	"	VNS	"	"	
1,2,3-Trichloropropane	<5.90	5.90	"	VNS	"	"	
1,2,4-Trimethylbenzene	<1.18	1.18	"	VNS	"	"	
1,3,5-Trimethylbenzene	<2.36	2.36	"	VNS	"	"	
Vinyl chloride	<2.36	2.36	"	VNS	"	"	
m,p-Xylene	<2.36	2.36	"	VNS	"	"	
o-Xylene	<1.18	1.18	"	VNS	"	"	
SVOA MS							
Acenaphthene	<295	295	ug/kg dry	VM	11/19/12 20:37	SW 3545, 8270C	
Acenaphthylene	<295	295	"	VM	"	"	
Anthracene	<295	295	"	VM	"	"	
Benzo (a) anthracene	<295	295	"	VM	"	"	
Benzo (a) pyrene	<295	295	"	VM	"	"	
Benzo (b) fluoranthene	<295	295	"	VM	"	"	
Benzo (g,h,i) perylene	<295	295	"	VM	"	"	
Benzo (k) fluoranthene	<295	295	"	VM	"	"	
4-Bromophenyl phenyl ether	<295	295	"	VM	"	"	
Butyl benzyl phthalate	<295	295	"	VM	"	"	
4-Chloroaniline	<295	295	"	VM	"	"	
Bis(2-chloroethoxy)methane	<295	295	"	VM	"	"	

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Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-15 0-2'

1211141-13 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
SVOA MS							
Bis(2-chloroethyl)ether	<295	295	ug/kg dry	VM	11/19/12 20:37	SW 3545, 8270C	
Bis(2-chloroisopropyl)ether	<295	295	"	VM	"	"	
2-Chloronaphthalene	<295	295	"	VM	"	"	
4-Chlorophenyl phenyl ether	<295	295	"	VM	"	"	
Chrysene	<295	295	"	VM	"	"	
Dibenz (a,h) anthracene	<295	295	"	VM	"	"	
Di-n-butyl phthalate	<295	295	"	VM	"	"	
3,3´-Dichlorobenzidine	<295	295	"	VM	"	"	
Diethyl phthalate	<295	295	"	VM	"	"	
Dimethyl phthalate	<295	295	"	VM	"	"	
2,4-Dinitrotoluene	<295	295	"	VM	"	"	
2,6-Dinitrotoluene	<295	295	"	VM	"	"	
Di-n-octyl phthalate	<295	295	"	VM	"	"	
Bis(2-ethylhexyl)phthalate	<354	354	"	VM	"	"	
Fluoranthene	<295	295	"	VM	"	"	
Fluorene	<295	295	"	VM	"	"	
Hexachlorobenzene	<295	295	"	VM	"	"	
Hexachlorobutadiene	<295	295	"	VM	"	"	
Hexachlorocyclopentadiene	<590	590	"	VM	"	"	
Hexachloroethane	<295	295	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	<295	295	"	VM	"	"	
Isophorone	<295	295	"	VM	"	"	
2-Methylnaphthalene	<295	295	"	VM	"	"	
Naphthalene	<295	295	"	VM	"	"	
3-Nitroaniline	<295	295	"	VM	"	"	
2-Nitroaniline	<295	295	"	VM	"	"	
4-Nitroaniline	<295	295	"	VM	"	"	
Nitrobenzene	<295	295	"	VM	"	"	
N-Nitrosodiphenylamine	<295	295	"	VM	"	"	
N-Nitrosodi-n-propylamine	<295	295	"	VM	"	"	
Phenanthrene	<295	295	"	VM	"	"	
Pyrene	<295	295	"	VM	"	"	
1,2,4-Trichlorobenzene	<295	295	"	VM	"	"	

ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-15 0-2'

1211141-13 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Pesticides							
alpha-BHC	<5.90	5.90	ug/kg dry	NU	11/20/12 13:58	SW 3545, 8081	
alpha-Chlordane	<5.90	5.90	"	NU	"	"	
beta-BHC	<5.90	5.90	"	NU	"	"	
Aldrin	<5.90	5.90	"	NU	"	"	
gamma-BHC (Lindane)	<5.90	5.90	"	NU	"	"	
gamma-Chlordane	<5.90	5.90	"	NU	"	"	
Heptachlor	<5.90	5.90	"	NU	"	"	
Heptachlor epoxide	<5.90	5.90	"	NU	"	"	
delta-BHC	<5.90	5.90	"	NU	"	"	
Endosulfan I	<5.90	5.90	"	NU	"	"	
Endosulfan II	<5.90	5.90	"	NU	"	"	
Endosulfan sulfate	<5.90	5.90	"	NU	"	"	
Endrin	<5.90	5.90	"	NU	"	"	
Endrin aldehyde	<5.90	5.90	"	NU	"	"	
Endrin ketone	<5.90	5.90	"	NU	"	"	
4,4´-DDD	<5.90	5.90	"	NU	"	"	
4,4´-DDE	<5.90	5.90	"	NU	"	"	
4,4´-DDT	**6.84**	5.90	"	NU	"	"	
Methoxychlor	<5.90	5.90	"	NU	"	"	
Dieldrin	<5.90	5.90	"	NU	"	"	
Chlordane (technical)	<59.0	59.0	"	NU	"	"	
Toxaphene	<295	295	"	NU	"	"	
PCB							
Aroclor 1016	<76.7	76.7	ug/kg dry	NU	11/20/12 15:53	SW 3545, 8082	
Aroclor 1221	<118	118	"	NU	"	"	
Aroclor 1232	<84.9	84.9	"	NU	"	"	
Aroclor 1242	<118	118	"	NU	"	"	
Aroclor 1248	<70.8	70.8	"	NU	"	"	
Aroclor 1254	<35.4	35.4	"	NU	"	"	
Aroclor 1260	<118	118	"	NU	"	"	

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-15 4'-6'

1211141-14 (Soil)

Analytical Chemists Laboratory, LLC.

Total Metals

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Aluminum	**17400**	97.6	mg/kg dry	MEM	11/19/12 17:01	SW 6010B	
Antimony	<1.95	1.95	"	MEM	11/19/12 15:08	"	
Arsenic	<1.95	1.95	"	MEM	"	"	
Barium	**145**	9.76	"	MEM	11/19/12 17:01	"	
Beryllium	<0.195	0.195	"	MEM	11/19/12 15:08	"	
Cadmium	**2.90**	0.976	"	MEM	"	"	
Calcium	**4480**	97.6	"	MEM	11/19/12 17:01	"	
Chromium	**17.5**	0.976	"	MEM	11/19/12 15:08	"	
Hexavalent Chromium	<0.301	0.301	"	HT	11/17/12 12:23	SW 7196A	I-02
Trivalent Chromium	**17.5**	1.29	"	MEM	11/20/12 14:29	Calc	
Cobalt	**14.3**	0.390	"	MEM	11/19/12 15:08	SW 6010B	
Copper	**29.5**	0.195	"	MEM	"	"	QB-01, B
Iron	**41100**	97.6	"	MEM	11/19/12 17:01	"	
Lead	**13.8**	1.95	"	MEM	11/19/12 15:08	"	
Magnesium	**8880**	97.6	"	MEM	11/19/12 17:01	"	
Manganese	**589**	9.76	"	MEM	"	"	
Mercury	<0.017	0.017	"	MEM	11/19/12 14:12	SW 7471A	
Nickel	**29.7**	0.976	"	MEM	11/19/12 15:08	SW 6010B	
Potassium	**5380**	97.6	"	MEM	11/19/12 17:01	"	
Selenium	<0.976	0.976	"	MEM	11/19/12 15:08	"	
Silver	<0.976	0.976	"	MEM	"	"	
Sodium	**419**	1.95	"	MEM	"	"	
Thallium	**2.92**	1.95	"	MEM	"	"	
Vanadium	**57.3**	0.195	"	MEM	"	"	
Zinc	**89.9**	0.976	"	MEM	"	"	

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-15 4'-6'

1211141-14 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Benzene	<1.29	1.29	ug/kg dry	VNS	11/19/12 21:48	SW 5035, 8260B	
Bromobenzene	<2.57	2.57	"	VNS	"	"	
Bromochloromethane	<1.29	1.29	"	VNS	"	"	
Bromodichloromethane	<6.43	6.43	"	VNS	"	"	
Bromoform	<1.29	1.29	"	VNS	"	"	
Bromomethane	<2.57	2.57	"	VNS	"	"	
sec-Butylbenzene	<1.29	1.29	"	VNS	"	"	
n-Butylbenzene	<1.29	1.29	"	VNS	"	"	
tert-Butylbenzene	<1.29	1.29	"	VNS	"	"	
Carbon Tetrachloride	<2.57	2.57	"	VNS	"	"	
Chlorobenzene	<1.29	1.29	"	VNS	"	"	
Chloroethane	<2.57	2.57	"	VNS	"	"	
Chloroform	<1.29	1.29	"	VNS	"	"	
Chloromethane	<2.57	2.57	"	VNS	"	"	
2-Chlorotoluene	<2.57	2.57	"	VNS	"	"	
4-Chlorotoluene	<2.57	2.57	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	<2.57	2.57	"	VNS	"	"	
Dibromochloromethane	<2.57	2.57	"	VNS	"	"	
1,2-Dibromoethane	<2.57	2.57	"	VNS	"	"	
Dibromomethane	<1.29	1.29	"	VNS	"	"	
1,2-Dichlorobenzene	<1.29	1.29	"	VNS	"	"	
1,3-Dichlorobenzene	<2.57	2.57	"	VNS	"	"	
1,4-Dichlorobenzene	<1.29	1.29	"	VNS	"	"	
Dichlorodifluoromethane	<1.29	1.29	"	VNS	"	"	
1,1-Dichloroethane	<2.57	2.57	"	VNS	"	"	
1,2-Dichloroethane	<1.29	1.29	"	VNS	"	"	
1,1-Dichloroethene	<1.29	1.29	"	VNS	"	"	
cis-1,2-Dichloroethene	<1.29	1.29	"	VNS	"	"	
trans-1,2-Dichloroethene	<1.29	1.29	"	VNS	"	"	
1,3-Dichloropropane	<1.29	1.29	"	VNS	"	"	
2,2-Dichloropropane	<1.29	1.29	"	VNS	"	"	
1,2-Dichloropropane	<1.29	1.29	"	VNS	"	"	
trans-1,3-Dichloropropene	<1.29	1.29	"	VNS	"	"	
1,1-Dichloropropene	<1.29	1.29	"	VNS	"	"	
cis-1,3-Dichloropropene	<1.29	1.29	"	VNS	"	"	
Ethylbenzene	<1.29	1.29	"	VNS	"	"	

Analytical Chemists Laboratory, LLC.

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-15 4'-6'

1211141-14 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Hexachlorobutadiene	<1.29	1.29	ug/kg dry	VNS	11/19/12 21:48	SW 5035, 8260B	
Isopropylbenzene	<2.57	2.57	"	VNS	"	"	
4-Isopropyltoluene	<1.29	1.29	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.29	1.29	"	VNS	"	"	
Methylene Chloride	<12.9	12.9	"	VNS	"	"	
n-Propylbenzene	<2.57	2.57	"	VNS	"	"	
Styrene	<1.29	1.29	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	<2.57	2.57	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	<1.29	1.29	"	VNS	"	"	
Tetrachloroethene	<1.29	1.29	"	VNS	"	"	
Toluene	<1.29	1.29	"	VNS	"	"	
1,2,3-Trichlorobenzene	<2.57	2.57	"	VNS	"	"	
1,1,1-Trichloroethane	<1.29	1.29	"	VNS	"	"	
1,1,2-Trichloroethane	<2.57	2.57	"	VNS	"	"	
Trichloroethene	<1.29	1.29	"	VNS	"	"	
Trichlorofluoromethane	<1.29	1.29	"	VNS	"	"	
1,2,3-Trichloropropane	<6.43	6.43	"	VNS	"	"	
1,2,4-Trimethylbenzene	<1.29	1.29	"	VNS	"	"	
1,3,5-Trimethylbenzene	<2.57	2.57	"	VNS	"	"	
Vinyl chloride	<2.57	2.57	"	VNS	"	"	
o-Xylene	<1.29	1.29	"	VNS	"	"	
m,p-Xylene	<2.57	2.57	"	VNS	"	"	
SVOA MS							
Acenaphthene	<321	321	ug/kg dry	VM	11/19/12 21:05	SW 3545, 8270C	
Acenaphthylene	<321	321	"	VM	"	"	
Anthracene	<321	321	"	VM	"	"	
Benzo (a) anthracene	<321	321	"	VM	"	"	
Benzo (a) pyrene	<321	321	"	VM	"	"	
Benzo (b) fluoranthene	<321	321	"	VM	"	"	
Benzo (g,h,i) perylene	<321	321	"	VM	"	"	
Benzo (k) fluoranthene	<321	321	"	VM	"	"	
4-Bromophenyl phenyl ether	<321	321	"	VM	"	"	
Butyl benzyl phthalate	<321	321	"	VM	"	"	
4-Chloroaniline	<321	321	"	VM	"	"	
Bis(2-chloroethoxy)methane	<321	321	"	VM	"	"	

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-15 4'-6'

1211141-14 (Soil)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
SVOA MS							
Bis(2-chloroethyl)ether	<321	321	ug/kg dry	VM	11/19/12 21:05	SW 3545, 8270C	
Bis(2-chloroisopropyl)ether	<321	321	"	VM	"	"	
2-Chloronaphthalene	<321	321	"	VM	"	"	
4-Chlorophenyl phenyl ether	<321	321	"	VM	"	"	
Chrysene	<321	321	"	VM	"	"	
Dibenz (a,h) anthracene	<321	321	"	VM	"	"	
Di-n-butyl phthalate	<321	321	"	VM	"	"	
3,3´-Dichlorobenzidine	<321	321	"	VM	"	"	
Diethyl phthalate	<321	321	"	VM	"	"	
Dimethyl phthalate	<321	321	"	VM	"	"	
2,4-Dinitrotoluene	<321	321	"	VM	"	"	
2,6-Dinitrotoluene	<321	321	"	VM	"	"	
Di-n-octyl phthalate	<321	321	"	VM	"	"	
Bis(2-ethylhexyl)phthalate	<386	386	"	VM	"	"	
Fluoranthene	<321	321	"	VM	"	"	
Fluorene	<321	321	"	VM	"	"	
Hexachlorobenzene	<321	321	"	VM	"	"	
Hexachlorobutadiene	<321	321	"	VM	"	"	
Hexachlorocyclopentadiene	<643	643	"	VM	"	"	
Hexachloroethane	<321	321	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	<321	321	"	VM	"	"	
Isophorone	<321	321	"	VM	"	"	
2-Methylnaphthalene	<321	321	"	VM	"	"	
Naphthalene	<321	321	"	VM	"	"	
3-Nitroaniline	<321	321	"	VM	"	"	
2-Nitroaniline	<321	321	"	VM	"	"	
4-Nitroaniline	<321	321	"	VM	"	"	
Nitrobenzene	<321	321	"	VM	"	"	
N-Nitrosodiphenylamine	<321	321	"	VM	"	"	
N-Nitrosodi-n-propylamine	<321	321	"	VM	"	"	
Phenanthrene	<321	321	"	VM	"	"	
Pyrene	<321	321	"	VM	"	"	
1,2,4-Trichlorobenzene	<321	321	"	VM	"	"	

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

SP-15 4'-6'

1211141-14 (Soil)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
Pesticides							
alpha-BHC	<6.43	6.43	ug/kg dry	NU	11/20/12 13:58	SW 3545, 8081	
alpha-Chlordane	<6.43	6.43	"	NU	"	"	
beta-BHC	<6.43	6.43	"	NU	"	"	
Aldrin	<6.43	6.43	"	NU	"	"	
gamma-BHC (Lindane)	<6.43	6.43	"	NU	"	"	
gamma-Chlordane	<6.43	6.43	"	NU	"	"	
Heptachlor	<6.43	6.43	"	NU	"	"	
Heptachlor epoxide	<6.43	6.43	"	NU	"	"	
delta-BHC	<6.43	6.43	"	NU	"	"	
Endosulfan I	<6.43	6.43	"	NU	"	"	
Endosulfan II	<6.43	6.43	"	NU	"	"	
Endosulfan sulfate	<6.43	6.43	"	NU	"	"	
Endrin	<6.43	6.43	"	NU	"	"	
Endrin aldehyde	<6.43	6.43	"	NU	"	"	
Endrin ketone	<6.43	6.43	"	NU	"	"	
4,4´-DDD	<6.43	6.43	"	NU	"	"	
4,4´-DDE	<6.43	6.43	"	NU	"	"	
4,4´-DDT	<6.43	6.43	"	NU	"	"	
Methoxychlor	<6.43	6.43	"	NU	"	"	
Dieldrin	<6.43	6.43	"	NU	"	"	
Chlordane (technical)	<64.3	64.3	"	NU	"	"	
Toxaphene	<321	321	"	NU	"	"	
PCB							
Aroclor 1016	<83.5	83.5	ug/kg dry	NU	11/20/12 15:53	SW 3545, 8082	
Aroclor 1221	<129	129	"	NU	"	"	
Aroclor 1232	<92.5	92.5	"	NU	"	"	
Aroclor 1242	<129	129	"	NU	"	"	
Aroclor 1248	<77.1	77.1	"	NU	"	"	
Aroclor 1254	<38.6	38.6	"	NU	"	"	
Aroclor 1260	<129	129	"	NU	"	"	

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

Field Blank

1211141-15 (Water)

Analytical Chemists Laboratory, LLC.

Total Metals

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Aluminum	<0.040	0.040	mg/L	MEM	11/19/12 17:20	SW 6010B	
Antimony	<0.040	0.040	"	MEM	"	"	
Arsenic	<0.040	0.040	"	MEM	"	"	
Barium	<0.004	0.004	"	MEM	"	"	
Beryllium	<0.004	0.004	"	MEM	"	"	
Cadmium	<0.020	0.020	"	MEM	"	"	
Calcium	**0.042**	0.040	"	MEM	"	"	
Chromium	<0.020	0.020	"	MEM	"	"	
Hexavalent Chromium	<0.050	0.050	"	HT	11/17/12 12:30	SM 3500-Cr D	I-02
Trivalent Chromium	<0.050	0.050	"	MEM	11/20/12 14:29	Calc	
Cobalt	<0.008	0.008	"	MEM	11/19/12 17:20	SW 6010B	
Copper	<0.004	0.004	"	MEM	"	"	
Iron	<0.040	0.040	"	MEM	"	"	
Lead	<0.040	0.040	"	MEM	"	"	
Magnesium	<0.040	0.040	"	MEM	"	EPA 6010B	
Manganese	<0.004	0.004	"	MEM	"	SW 6010B	
Mercury	<0.30	0.30	ug/L	MEM	11/19/12 16:09	SW 7470A	
Nickel	<0.010	0.010	mg/L	MEM	11/19/12 17:20	SW 6010B	
Potassium	<0.040	0.040	"	MEM	"	"	
Selenium	<0.020	0.020	"	MEM	"	"	
Silver	<0.020	0.020	"	MEM	"	"	
Sodium	**0.105**	0.100	"	MEM	"	"	
Thallium	<0.040	0.040	"	MEM	"	"	
Vanadium	<0.004	0.004	"	MEM	"	"	
Zinc	**0.021**	0.020	"	MEM	"	"	

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

Field Blank

1211141-15 (Water)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Benzene	<1.00	1.00	ug/L	VNS	11/20/12 03:22	SW 5030, 8260B	
Bromobenzene	<1.00	1.00	"	VNS	"	"	
Bromochloromethane	<1.00	1.00	"	VNS	"	"	
Bromodichloromethane	<1.00	1.00	"	VNS	"	"	
Bromoform	<1.00	1.00	"	VNS	"	"	
Bromomethane	<2.00	2.00	"	VNS	"	"	
sec-Butylbenzene	<1.00	1.00	"	VNS	"	"	
n-Butylbenzene	<1.00	1.00	"	VNS	"	"	
tert-Butylbenzene	<1.00	1.00	"	VNS	"	"	
Carbon Tetrachloride	<1.00	1.00	"	VNS	"	"	
Chlorobenzene	<1.00	1.00	"	VNS	"	"	
Chloroethane	<1.00	1.00	"	VNS	"	"	
Chloroform	<1.00	1.00	"	VNS	"	"	
Chloromethane	<1.00	1.00	"	VNS	"	"	
2-Chlorotoluene	<2.00	2.00	"	VNS	"	"	
4-Chlorotoluene	<1.00	1.00	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	<1.00	1.00	"	VNS	"	"	
Dibromochloromethane	<1.00	1.00	"	VNS	"	"	
1,2-Dibromoethane	<1.00	1.00	"	VNS	"	"	
Dibromomethane	<1.00	1.00	"	VNS	"	"	
1,2-Dichlorobenzene	<1.00	1.00	"	VNS	"	"	
1,3-Dichlorobenzene	<1.00	1.00	"	VNS	"	"	
1,4-Dichlorobenzene	<1.00	1.00	"	VNS	"	"	
Dichlorodifluoromethane	<1.00	1.00	"	VNS	"	"	
1,1-Dichloroethane	<1.00	1.00	"	VNS	"	"	
1,2-Dichloroethane	<1.00	1.00	"	VNS	"	"	
1,1-Dichloroethene	<1.00	1.00	"	VNS	"	"	
cis-1,2-Dichloroethene	<1.00	1.00	"	VNS	"	"	
trans-1,2-Dichloroethene	<1.00	1.00	"	VNS	"	"	
1,3-Dichloropropane	<1.00	1.00	"	VNS	"	"	
2,2-Dichloropropane	<1.00	1.00	"	VNS	"	"	
1,2-Dichloropropane	<1.00	1.00	"	VNS	"	"	
trans-1,3-Dichloropropene	<1.00	1.00	"	VNS	"	"	
1,1-Dichloropropene	<1.00	1.00	"	VNS	"	"	
cis-1,3-Dichloropropene	<1.00	1.00	"	VNS	"	"	
Ethylbenzene	<1.00	1.00	"	VNS	"	"	

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

Field Blank

1211141-15 (Water)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Hexachlorobutadiene	<1.00	1.00	ug/L	VNS	11/20/12 03:22	SW 5030, 8260B	
Isopropylbenzene	<1.00	1.00	"	VNS	"	"	
4-Isopropyltoluene	<1.00	1.00	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.00	1.00	"	VNS	"	"	
Methylene Chloride	<10.0	10.0	"	VNS	"	"	
n-Propylbenzene	<1.00	1.00	"	VNS	"	"	
Styrene	<1.00	1.00	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	<1.00	1.00	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	<1.00	1.00	"	VNS	"	"	
Tetrachloroethene	<1.00	1.00	"	VNS	"	"	
Toluene	<1.00	1.00	"	VNS	"	"	
1,2,3-Trichlorobenzene	<2.00	2.00	"	VNS	"	"	
1,1,1-Trichloroethane	<1.00	1.00	"	VNS	"	"	
1,1,2-Trichloroethane	<1.00	1.00	"	VNS	"	"	
Trichloroethene	<1.00	1.00	"	VNS	"	"	
Trichlorofluoromethane	<1.00	1.00	"	VNS	"	"	
1,2,3-Trichloropropane	<1.10	1.10	"	VNS	"	"	
1,2,4-Trimethylbenzene	**1.02**	1.00	"	VNS	"	"	
1,3,5-Trimethylbenzene	<1.00	1.00	"	VNS	"	"	
Vinyl chloride	<1.00	1.00	"	VNS	"	"	
o-Xylene	**1.07**	1.00	"	VNS	"	"	
m,p-Xylene	**2.92**	2.00	"	VNS	"	"	B
SVOA MS							
Acenaphthene	<3.00	3.00	ug/L	VM	11/19/12 14:19	SW 3510, 8270C	
Acenaphthylene	<3.00	3.00	"	VM	"	"	
Anthracene	<3.00	3.00	"	VM	"	"	
Benzo (a) anthracene	<3.00	3.00	"	VM	"	"	
Benzo (a) pyrene	<3.00	3.00	"	VM	"	"	
Benzo (b) fluoranthene	<3.00	3.00	"	VM	"	"	
Benzo (g,h,i) perylene	<3.00	3.00	"	VM	"	"	
Benzo (k) fluoranthene	<3.00	3.00	"	VM	"	"	
4-Bromophenyl phenyl ether	<3.00	3.00	"	VM	"	"	
Butyl benzyl phthalate	<4.00	4.00	"	VM	"	"	
4-Chloroaniline	<4.00	4.00	"	VM	"	"	
Bis(2-chloroethoxy)methane	<4.00	4.00	"	VM	"	"	

Analytical Chemists Laboratory, LLC.

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ANALYTICAL CHEMISTS Laboratory

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Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

Field Blank

1211141-15 (Water)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
SVOA MS							
Bis(2-chloroethyl)ether	<4.00	4.00	ug/L	VM	11/19/12 14:19	SW 3510, 8270C	
Bis(2-chloroisopropyl)ether	<4.00	4.00	"	VM	"	"	
2-Chloronaphthalene	<3.00	3.00	"	VM	"	"	
4-Chlorophenyl phenyl ether	<3.00	3.00	"	VM	"	"	
Chrysene	<3.00	3.00	"	VM	"	"	
Dibenz (a,h) anthracene	<3.00	3.00	"	VM	"	"	
Di-n-butyl phthalate	<3.00	3.00	"	VM	"	"	
1,2-Dichlorobenzene	<3.00	3.00	"	VM	"	"	
1,4-Dichlorobenzene	<3.00	3.00	"	VM	"	"	
1,3-Dichlorobenzene	<3.00	3.00	"	VM	"	"	
3,3´-Dichlorobenzidine	<4.00	4.00	"	VM	"	"	
Diethyl phthalate	<3.00	3.00	"	VM	"	"	
Dimethyl phthalate	<3.00	3.00	"	VM	"	"	
2,4-Dinitrotoluene	<3.00	3.00	"	VM	"	"	
2,6-Dinitrotoluene	<3.00	3.00	"	VM	"	"	
Di-n-octyl phthalate	<4.00	4.00	"	VM	"	"	
Bis(2-ethylhexyl)phthalate	<3.00	3.00	"	VM	"	"	
Fluoranthene	<3.00	3.00	"	VM	"	"	
Fluorene	<3.00	3.00	"	VM	"	"	
Hexachlorobenzene	<5.00	5.00	"	VM	"	"	
Hexachlorobutadiene	<3.00	3.00	"	VM	"	"	
Hexachlorocyclopentadiene	<6.00	6.00	"	VM	"	"	
Hexachloroethane	<4.00	4.00	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	<2.00	2.00	"	VM	"	"	
Isophorone	<2.00	2.00	"	VM	"	"	
2-Methylnaphthalene	<3.00	3.00	"	VM	"	"	
Naphthalene	<4.00	4.00	"	VM	"	"	
3-Nitroaniline	<3.00	3.00	"	VM	"	"	
2-Nitroaniline	<4.00	4.00	"	VM	"	"	
4-Nitroaniline	<3.00	3.00	"	VM	"	"	
Nitrobenzene	<3.00	3.00	"	VM	"	"	
N-Nitrosodiphenylamine	<5.00	5.00	"	VM	"	"	
N-Nitrosodi-n-propylamine	<5.00	5.00	"	VM	"	"	
Phenanthrene	<3.00	3.00	"	VM	"	"	
Pyrene	<3.00	3.00	"	VM	"	"	
1,2,4-Trichlorobenzene	<3.00	3.00	"	VM	"	"	

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Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

Field Blank

1211141-15 (Water)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Pesticides							
alpha-BHC	<0.05	0.05	ug/L	NU	11/20/12 14:58	SW 3510, 8081	
alpha-Chlordane	<0.05	0.05	"	NU	"	"	
beta-BHC	<0.05	0.05	"	NU	"	"	
Aldrin	<0.05	0.05	"	NU	"	"	
gamma-BHC (Lindane)	<0.05	0.05	"	NU	"	"	
gamma-Chlordane	<0.05	0.05	"	NU	"	"	
Heptachlor	<0.05	0.05	"	NU	"	"	
Heptachlor epoxide	<0.05	0.05	"	NU	"	"	
delta-BHC	<0.05	0.05	"	NU	"	"	
Endosulfan I	<0.05	0.05	"	NU	"	"	
Endosulfan II	<0.05	0.05	"	NU	"	"	
Endosulfan sulfate	<0.05	0.05	"	NU	"	"	
Endrin	<0.05	0.05	"	NU	"	"	
Endrin aldehyde	<0.05	0.05	"	NU	"	"	
Endrin ketone	<0.05	0.05	"	NU	"	"	
4,4´-DDD	<0.05	0.05	"	NU	"	"	
4,4´-DDE	<0.05	0.05	"	NU	"	"	
4,4´-DDT	<0.05	0.05	"	NU	"	"	
Methoxychlor	<0.05	0.05	"	NU	"	"	
Dieldrin	<0.05	0.05	"	NU	"	"	
Chlordane (technical)	<0.50	0.50	"	NU	"	"	
Toxaphene	<2.50	2.50	"	NU	"	"	
PCB							
Aroclor 1016	<1.00	1.00	ug/L	NU	11/20/12 15:55	SW 3510, 8082	
Aroclor 1221	<1.00	1.00	"	NU	"	"	
Aroclor 1232	<1.00	1.00	"	NU	"	"	
Aroclor 1242	<0.500	0.500	"	NU	"	"	
Aroclor 1248	<1.00	1.00	"	NU	"	"	
Aroclor 1254	<1.00	1.00	"	NU	"	"	
Aroclor 1260	<0.400	0.400	"	NU	"	"	

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Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

Trip Blank

1211141-16 (Water)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Benzene	<1.00	1.00	ug/L	VNS	11/20/12 03:55	SW 5030, 8260B	
Bromobenzene	<1.00	1.00	"	VNS	"	"	
Bromochloromethane	<1.00	1.00	"	VNS	"	"	
Bromodichloromethane	<1.00	1.00	"	VNS	"	"	
Bromoform	<1.00	1.00	"	VNS	"	"	
Bromomethane	<2.00	2.00	"	VNS	"	"	
sec-Butylbenzene	<1.00	1.00	"	VNS	"	"	
n-Butylbenzene	<1.00	1.00	"	VNS	"	"	
tert-Butylbenzene	<1.00	1.00	"	VNS	"	"	
Carbon Tetrachloride	<1.00	1.00	"	VNS	"	"	
Chlorobenzene	<1.00	1.00	"	VNS	"	"	
Chloroethane	<1.00	1.00	"	VNS	"	"	
Chloroform	<1.00	1.00	"	VNS	"	"	
Chloromethane	<1.00	1.00	"	VNS	"	"	
2-Chlorotoluene	<2.00	2.00	"	VNS	"	"	
4-Chlorotoluene	<1.00	1.00	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	<1.00	1.00	"	VNS	"	"	
Dibromochloromethane	<1.00	1.00	"	VNS	"	"	
1,2-Dibromoethane	<1.00	1.00	"	VNS	"	"	
Dibromomethane	<1.00	1.00	"	VNS	"	"	
1,2-Dichlorobenzene	<1.00	1.00	"	VNS	"	"	
1,3-Dichlorobenzene	<1.00	1.00	"	VNS	"	"	
1,4-Dichlorobenzene	<1.00	1.00	"	VNS	"	"	
Dichlorodifluoromethane	<1.00	1.00	"	VNS	"	"	
1,1-Dichloroethane	<1.00	1.00	"	VNS	"	"	
1,2-Dichloroethane	<1.00	1.00	"	VNS	"	"	
1,1-Dichloroethene	<1.00	1.00	"	VNS	"	"	
cis-1,2-Dichloroethene	<1.00	1.00	"	VNS	"	"	
trans-1,2-Dichloroethene	<1.00	1.00	"	VNS	"	"	
1,3-Dichloropropane	<1.00	1.00	"	VNS	"	"	
2,2-Dichloropropane	<1.00	1.00	"	VNS	"	"	
1,2-Dichloropropane	<1.00	1.00	"	VNS	"	"	
trans-1,3-Dichloropropene	<1.00	1.00	"	VNS	"	"	
1,1-Dichloropropene	<1.00	1.00	"	VNS	"	"	
cis-1,3-Dichloropropene	<1.00	1.00	"	VNS	"	"	
Ethylbenzene	<1.00	1.00	"	VNS	"	"	

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

Trip Blank

1211141-16 (Water)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
VOA MS							
Hexachlorobutadiene	<1.00	1.00	ug/L	VNS	11/20/12 03:55	SW 5030, 8260B	
Isopropylbenzene	<1.00	1.00	"	VNS	"	"	
4-Isopropyltoluene	<1.00	1.00	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.00	1.00	"	VNS	"	"	
Methylene Chloride	<10.0	10.0	"	VNS	"	"	
n-Propylbenzene	<1.00	1.00	"	VNS	"	"	
Styrene	<1.00	1.00	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	<1.00	1.00	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	<1.00	1.00	"	VNS	"	"	
Tetrachloroethene	<1.00	1.00	"	VNS	"	"	
Toluene	<1.00	1.00	"	VNS	"	"	
1,2,3-Trichlorobenzene	<2.00	2.00	"	VNS	"	"	
1,1,1-Trichloroethane	<1.00	1.00	"	VNS	"	"	
1,1,2-Trichloroethane	<1.00	1.00	"	VNS	"	"	
Trichloroethene	<1.00	1.00	"	VNS	"	"	
Trichlorofluoromethane	<1.00	1.00	"	VNS	"	"	
1,2,3-Trichloropropane	<1.10	1.10	"	VNS	"	"	
1,2,4-Trimethylbenzene	<1.00	1.00	"	VNS	"	"	
1,3,5-Trimethylbenzene	<1.00	1.00	"	VNS	"	"	
Vinyl chloride	<1.00	1.00	"	VNS	"	"	
o-Xylene	<1.00	1.00	"	VNS	"	"	
m,p-Xylene	**2.58**	2.00	"	VNS	"	"	B

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Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/20/12 16:25

Notes and Definitions

QM-08	Quality control samples indicate high bias, however the results are well below applicable limits and data was therefore accepted.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QB-01	The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.
I-02	This sample or analysis request was received outside of the EPA recommended holding time.
B	Analyte is found in the associated blank as well as in the sample.
SM	Standard Methods for the Examination of Water and Wastewater, 18th edition.
EPA	40 Code of Federal Regulations, Part 136, October 26, 1984.
SW	SW 846 3rd Edition.
LT	Lachat Method Manual, "*Methods List for Automated Ion Analyzers*" ,February 2004.
dry	Sample results reported on a dry weight basis.

CHAIN OF CUSTODY RECORD

1/2

ANALYTICAL CHEMISTS
Ac Laboratory
59-01 Central Ave. * Farmingdale, NY 11735
Tel: (631) 414-7685 * Fax: (631) 414-7688
Info@achemlabs.com * achemlabs.com
NYSDOH #10950 NJDEP #NY006 USEPA #NY01292

Client Name: Hydro Tech Env. Corp.
Address: 15 Ocean Avenue, 2Fl
City/State/Zip: Brooklyn , NY 11225
Telephone No.: 718-636-0800 Fax 7178-636-090

Report To: Paul I. Matli
P.O. Number: 5419
Project ID: 54-490 Myrtle Ave Bklyn NY
Results Needed: 48 hours
Rush T/A Only

Matrix Codes: W-Water, WW-Wastewater, GW-Groundwater, S-Soil, SL-Sludge, SD-Solid, O-Oil, P-Paint Chips, WP-Wipe

Preservative Code: N-Nitric Acid, S-Sulfuric Acid, H-Hydrochloric Acid, SA-Soduim Hydroxide/Ascorbic Acid

Sample ID / Description	Date Sampled	Time Sampled	Matrix Code	Grab	Composite	# of containers: Plastic Bottles	Glass Jar 9oz 2oz	VOA Vial	Plastic Bag	Other (specify):	Analyze For: EPA 8260	EPA 8270	EPA 8081	EPA 8082	TAL Metals	Chrom Hexavalent	Chrom trivalent			
Sp-5 0-2'	11/16	PM	S	X			↑				↑	↑	↑	↑	↑	↑	↑			
Sp-5 12'-14'	11/16	PM																		
Sp-6 0-2'	11/16	AM																		
Sp-6 4-6'	11/16	AM																		
[redacted]	[redacted]	[redacted]																		
[redacted]	[redacted]	[redacted]																		
Sp-11 0-2	11/15	AM																		
Sp-11 4-6	11/15	AM																		
Sp-12 0-2	11/15	AM																		
Sp-12 4-6	11/15	AM	↓	↓			↓				↓	↓	↓	↓	↓	↓	↓			

Special Instructions:
- include chromium sp in TAL Metal analysis
- Compare results to NYSDEC part 375 Unrestricted + Restricted Residential SCOs

Laboratory Comments:

Temperature Upon Receipt:	2.8	
Samples Received On Ice?	(Y)	N
Sample Containers Intact?	(Y)	N
Samples Properly Preserved?	(Y)	N
VOCs Free of Headspace?	(Y)	N

* please include EDD + Excel + PDF report

	Date	Time	Received by:	Date	Time
Sampled by: Alvin Chau ~~Paul I. Matli~~	11/16				
Relinquished by:					
Relinquished by:			Received by:	11/16/12	7:10 PM

CHAIN OF CUSTODY RECORD

2/8

ANALYTICAL CHEMISTS
59-01 Central Ave. * Farmingdale, NY 11735
Tel: (631) 414-7685 * Fax: (631) 414-7688
Info@achemlabs.com * achemlabs.com
NYSDOH #10950 NJDEP #NY006 USEPA #NY01292

Client Name: Hydro Tech Env. Corp.
Address: 15 Ocan Avenue, 2Fl
City/State/Zip: Brooklyn , NY 11225
Telephone No.: 718-636-0800 fax 7178-636-090

Report To: Paul I. Matli
P.O. Number: 5419
Project ID: 504-490 Myrtle Ave BKL
Results Needed: 48 hours
Rush T/A Only

Matrix Codes: W-Water, WW-Wastewater, GW-Groundwater
S-Soil, SL-Sludge, SD-Solid, O-Oil, P-Paint Chips, WP-Wipe

Preservative Code: N-Nitric Acid, S-Sulfuric Acid,
H-Hydrochloric Acid, SA-Soduim Hydroxide/Ascorbic Acid

Sample ID / Description	Date Sampled	Time Sampled	Matrix Code	Grab	Composite	# of containers: Plastic Bottles 2	Glass Jar 4oz + 6oz	VOA Vial 2	Plastic Bag	Other (specify) Amber 2	Analyze For: EPA 8260	EPA 8270	EPA 8081	EPA 8082	TAL Metal	Chem Hexavalent	Chemical Trivalent			
Sp-13 0-2'	11/15	PM	S	X			↑				↑	↑	↑	↑	↑	↑	↑			
Sp-13 2-4'	11/15	pm	↓	↓			↓				↓	↓	↓	↓	↓	↓	↓			
Sp-14 0-2'	11/15	pm																		
Sp-14 2-4'	11/15	pm																		
Sp-15 0-2'	11/15	PM																		
Sp-15 4-6'	11/15	PM	↓	↓			↓				↓	↓	↓	↓	↓	↓	↓			
Field Blank	11/15	PM	DI			X		X		X	↕	↕	↕	↕	↕	↕	↕			
Trip Blank	11/16		DI					X			↕									

Special Instructions:
- Include chromium sp in TAL Metal
- compare to NYSDEC ~~Part~~ part 375 Unrestricted + Restricted Residential SCO

Laboratory Comments:

Temperature Upon Receipt: 2-8
Samples Received On Ice? (Y) N
Sample Containers Intact? (Y) N
Samples Properly Preserved? (Y) N
VOCs Free of Headspace? (Y) N

*please include EDD + Excel + PDF report

Sampled by:	Date	Time	Received by:	Date	Time
Alvin Chan ~~Paul I. Matli~~	11/16				
Relinquished by:	**Date**	**Time**	**Received by:**	**Date**	**Time**
Relinquished by:	**Date**	**Time**	**Received by:**	**Date**	**Time**
				11/16/12	7:10 PM

APPENDIX-H
LABORATORY DATA DELIVERABLES FOR GROUNDWATER ANALYTICAL DATA

59-01 Central Ave.
Farmingdale, NY 11735

Tel: (631) 414-7685
Fax: (631) 414-7688

August 24, 2012

Rachel Ataman
Hydro Tech Environmental
77 Arkay Drive, Suite G
Hauppauge, NY 11788

RE: 504 Myrtle Ave, Brooklyn, NY

Enclosed are the results of analyses for samples received by the laboratory on 08/23/12 15:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Michael E. Miller, Ph.D.

ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 504 Myrtle Ave, Brooklyn, NY	
77 Arkay Drive, Suite G	Project Number: [none]	**Reported:**
Hauppauge NY, 11788	Project Manager: Rachel Ataman	08/24/12 14:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	1208193-01	Water	08/23/12 08:00	08/23/12 15:50

ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 504 Myrtle Ave, Brooklyn, NY	
77 Arkay Drive, Suite G	Project Number: [none]	**Reported:**
Hauppauge NY, 11788	Project Manager: Rachel Ataman	08/24/12 14:04

MW-1

1208193-01 (Water)

Analytical Chemists Laboratory, LLC.

VOA MS

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Benzene	ND	1.00	ug/L	VNS	08/23/12 18:13	SW 5030, 8260B	
Bromobenzene	ND	1.00	"	VNS	"	"	
Bromochloromethane	ND	1.00	"	VNS	"	"	
Bromodichloromethane	ND	1.00	"	VNS	"	"	
Bromoform	ND	1.00	"	VNS	"	"	
Bromomethane	ND	2.00	"	VNS	"	"	
sec-Butylbenzene	ND	1.00	"	VNS	"	"	
n-Butylbenzene	ND	1.00	"	VNS	"	"	
tert-Butylbenzene	ND	1.00	"	VNS	"	"	
Carbon Tetrachloride	ND	1.00	"	VNS	"	"	
Chlorobenzene	ND	1.00	"	VNS	"	"	
Chloroethane	ND	1.00	"	VNS	"	"	
Chloroform	**10.7**	**1.00**	"	VNS	"	"	
Chloromethane	ND	1.00	"	VNS	"	"	
2-Chlorotoluene	ND	2.00	"	VNS	"	"	
4-Chlorotoluene	ND	1.00	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	ND	1.00	"	VNS	"	"	
Dibromochloromethane	ND	1.00	"	VNS	"	"	
1,2-Dibromoethane	ND	1.00	"	VNS	"	"	
Dibromomethane	ND	1.00	"	VNS	"	"	
1,2-Dichlorobenzene	ND	1.00	"	VNS	"	"	
1,3-Dichlorobenzene	ND	1.00	"	VNS	"	"	
1,4-Dichlorobenzene	ND	1.00	"	VNS	"	"	
Dichlorodifluoromethane	ND	1.00	"	VNS	"	"	
1,1-Dichloroethane	ND	1.00	"	VNS	"	"	
1,2-Dichloroethane	ND	1.00	"	VNS	"	"	
1,1-Dichloroethene	ND	1.00	"	VNS	"	"	
cis-1,2-Dichloroethene	ND	1.00	"	VNS	"	"	
trans-1,2-Dichloroethene	ND	1.00	"	VNS	"	"	
1,3-Dichloropropane	ND	1.00	"	VNS	"	"	
2,2-Dichloropropane	ND	1.00	"	VNS	"	"	
1,2-Dichloropropane	ND	1.00	"	VNS	"	"	
trans-1,3-Dichloropropene	ND	1.00	"	VNS	"	"	
1,1-Dichloropropene	ND	1.00	"	VNS	"	"	
cis-1,3-Dichloropropene	ND	1.00	"	VNS	"	"	

ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 504 Myrtle Ave, Brooklyn, NY	
77 Arkay Drive, Suite G	Project Number: [none]	**Reported:**
Hauppauge NY, 11788	Project Manager: Rachel Ataman	08/24/12 14:04

MW-1

1208193-01 (Water)

Analytical Chemists Laboratory, LLC.

VOA MS

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Ethylbenzene	ND	1.00	ug/L	VNS	08/23/12 18:13	SW 5030, 8260B	
Hexachlorobutadiene	ND	1.00	"	VNS	"	"	
Isopropylbenzene	ND	1.00	"	VNS	"	"	
4-Isopropyltoluene	ND	1.00	"	VNS	"	"	
Methyl-tert-Butyl Ether	ND	1.00	"	VNS	"	"	
Methylene Chloride	ND	10.0	"	VNS	"	"	
n-Propylbenzene	ND	1.00	"	VNS	"	"	
Styrene	ND	1.00	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	ND	1.00	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	ND	1.00	"	VNS	"	"	
Tetrachloroethene	ND	1.00	"	VNS	"	"	
Toluene	ND	1.00	"	VNS	"	"	
1,2,3-Trichlorobenzene	ND	2.00	"	VNS	"	"	
1,1,1-Trichloroethane	ND	1.00	"	VNS	"	"	
1,1,2-Trichloroethane	ND	1.00	"	VNS	"	"	
Trichloroethene	ND	1.00	"	VNS	"	"	
Trichlorofluoromethane	ND	1.00	"	VNS	"	"	
1,2,3-Trichloropropane	ND	1.10	"	VNS	"	"	
1,2,4-Trimethylbenzene	ND	1.00	"	VNS	"	"	
1,3,5-Trimethylbenzene	ND	1.00	"	VNS	"	"	
Vinyl chloride	ND	1.00	"	VNS	"	"	
m,p-Xylene	ND	2.00	"	VNS	"	"	
o-Xylene	ND	1.00	"	VNS	"	"	

ANALYTICAL CHEMISTS

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 504 Myrtle Ave, Brooklyn, NY	
77 Arkay Drive, Suite G	Project Number: [none]	**Reported:**
Hauppauge NY, 11788	Project Manager: Rachel Ataman	08/24/12 14:04

Notes and Definitions

SM	Standard Methods for the Examination of Water and Wastewater , 18th edition.
EPA	40 Code of Federal Regulations, Part 136, October 26, 1984.
SW	SW 846 3rd Edition.
LT	Lachat Method Manual, "*Methods List for Automated Ion Analyzers*" ,February 2004.
dry	Sample results reported on a dry weight basis.
*	Sample results reported to MDL, not MRL.

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

All results are based on the sample 'As Received' by the laboratory and no endorsement of the sample integrity prior to sample receipt is implied or given unless collected by Analytical Chemists Laboratory employees. Report must be reproduced in its enti

1208193

CHAIN OF CUSTODY RECORD

ANALYTICAL CHEMISTS
Laboratory
59-01 Central Ave. * Farmingdale, NY 11735
Tel: (631) 414-7685 * Fax: (631) 414-7688
info@achemlabs.com * achemlabs.com
NYSDOH #10950 NJDEP #NY006 USEPA #NY01292

Client Name: Hydro Tech Environmental Corp
Address: 77 Arkay Drive, ste G
City/State/Zip: Hauppauge,NY
Telephone No.: 631-462-5866 Fax 5877

Report To: rataman@htecorp.info
P.O. Number: 5374
Project ID: 504 Myrtle Ave, Brooklyn,NY
Results Needed: 24 Hr TAT
Rush T/A Only

Matrix Codes: W-Water, WW-Wastewater, GW-Groundwater
S-Soil, SL-Sludge, SD-Solid, O-Oil, P-Paint Chips, WP-Wipe

Preservative Code: N-Nitric Acid, S-Sulfuric Acid,
H-Hydrochloric Acid, SA-Soduim Hydroxide/Ascorbic Acid

Sample ID / Description	Date Sampled	Time Sampled	Matrix Code	Grab	Composite	# of containers: Plastic Bottles	Glass Jar	VOA Vial	Plastic Bag	Other (specify): Amber Containe	Analyze For: Preservative Code	EPA 8260								
MW-1	8/23/2012	AM	W	X								X								

Special Instructions:

Laboratory Comments:

Temperature Upon Receipt: 4°
Samples Received On Ice? Y N
Sample Containers Intact? Y N
Samples Properly Preserved? Y N
VOCs Free of Headspace? Y N

	Date	Time		Date	Time
Sampled by: Cameron Morgan	8/23/2012	Am	Received by:		
Relinquished by:			Received by: [signature]	8-23-12	15 50
Relinquished by:			Received by:		

14:50 (FAX) P.001/001

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Draft Progress Report

September 19, 2012

FOR: Attn: Mr. Greg Ernst
Associated Environmental Services
25 Central Ave.
Hauppauge, NY 11788

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		09/14/12	12:00
Location Code:	AESHAUP	Received by:	SW	09/17/12	16:48
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBC69511
Phoenix ID: BC69511

Project ID: 490 MYRTLE AVE
Client ID: MW-1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Silver	< 0.001	0.001	mg/L	09/17/12	LK	SW6010	
Aluminum	64.2	0.10	mg/L	09/18/12	LK	SW6010	
Arsenic	0.019	0.004	mg/L	09/17/12	LK	SW6010	
Barium	1.06	0.002	mg/L	09/17/12	LK	SW6010	
Beryllium	0.003	0.001	mg/L	09/17/12	LK	SW6010	
Calcium	129	0.010	mg/L	09/17/12	LK	SW6010	
Cadmium	< 0.001	0.001	mg/L	09/17/12	LK	SW6010	
Cobalt	0.114	0.002	mg/L	09/17/12	LK	SW6010	
Chromium	0.491	0.001	mg/L	09/17/12	LK	SW6010	
Copper	0.295	0.005	mg/L	09/17/12	LK	SW6010	
Silver (Dissolved)	< 0.001	0.001	mg/L	09/17/12	LK	SW6010	
Aluminum (Dissolved)	2.75	0.01	mg/L	09/17/12	LK	SW6010	
Arsenic (Dissolved)	< 0.004	0.004	mg/L	09/17/12	LK	SW6010	
Barium (Dissolved)	0.167	0.002	mg/L	09/17/12	LK	SW6010	
Beryllium (Dissolved)	< 0.001	0.001	mg/L	09/17/12	LK	SW6010	
Calcium (Dissolved)	83.9	0.01	mg/L	09/17/12	LK	SW6010	
Cadmium (Dissolved)	< 0.001	0.001	mg/L	09/17/12	LK	SW6010	
Cobalt (Dissolved)	0.002	0.001	mg/L	09/17/12	LK	SW6010	
Chromium (Dissolved)	0.016	0.001	mg/L	09/17/12	LK	SW6010	
Copper (Dissolved)	< 0.005	0.005	mg/L	09/17/12	LK	SW6010	
Iron (Dissolved)	3.60	0.011	mg/L	09/17/12	LK	SW6010	
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	09/18/12	RS	SW7470	
Potassium (Dissolved)	6.0	0.1	mg/L	09/17/12	LK	SW6010	
Magnesium (Dissolved)	27.7	0.01	mg/L	09/17/12	LK	SW6010	
Manganese (Dissolved)	0.161	0.001	mg/L	09/17/12	LK	SW6010	
Sodium (Dissolved)	44.2	0.11	mg/L	09/17/12	LK	SW6010	B
Nickel (Dissolved)	0.015	0.001	mg/L	09/17/12	LK	SW6010	
Lead (Dissolved)	0.004	0.002	mg/L	09/17/12	LK	SW6010	

Project ID: 490 MYRTLE AVE
Client ID: MW-1

Phoenix I.D.: BC69511

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Antimony (Dissolved)	< 0.005	0.005	mg/L	09/17/12	LK	SW6010	
Selenium (Dissolved)	< 0.011	0.011	mg/L	09/17/12	LK	SW6010	
Thallium (Dissolved)	< 0.002	0.002	mg/L	09/18/12	RS	SW7010	
Vanadium (Dissolved)	0.005	0.002	mg/L	09/17/12	LK	SW6010	
Zinc (Dissolved)	0.010	0.002	mg/L	09/17/12	LK	SW6010	
Iron	142	0.010	mg/L	09/17/12	LK	SW6010	
Mercury	< 0.0002	0.0002	mg/L	09/18/12	RS	SW7470	
Potassium	22.0	0.1	mg/L	09/17/12	LK	SW6010	
Magnesium	92.0	0.10	mg/L	09/18/12	LK	SW6010	
Manganese	5.45	0.010	mg/L	09/18/12	LK	SW6010	
Sodium	49.3	1.0	mg/L	09/18/12	LK	SW6010	B
Nickel	0.695	0.001	mg/L	09/17/12	LK	SW6010	
Lead	0.114	0.002	mg/L	09/17/12	LK	SW6010	
Antimony	< 0.003	0.003	mg/L	09/17/12	LK	SW6010	
Selenium	< 0.010	0.010	mg/L	09/17/12	LK	SW6010	
Thallium	< 0.002	0.002	mg/L	09/18/12	RS	SW7010	
Trivalent Chromium	0.491	0.01	mg/L			SW6010	
Vanadium	0.176	0.002	mg/L	09/17/12	LK	SW6010	
Zinc	0.410	0.002	mg/L	09/17/12	LK	SW6010	
Chromium, Hexavalent	< 0.01	0.01	mg/L	09/17/12 21:50	O	S3500CRD/7196	
Filtration	Completed			09/17/12	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed			09/18/12	X/X	SW7470	
Mercury Digestion	Completed			09/18/12	X/X	SW7470	
PCB Extraction	Completed			09/17/12	T	SW3510C	
Extraction for Pest (2 Liter)	Completed			09/17/12	T	SW3510	
Semi-Volatile Extraction	Completed			09/17/12	F/F	SW3510	
Dissolved Metals Preparation	Completed			09/17/12	AG	SW846-3005	
Total Metals Digestion	Completed			09/17/12	AG		

Polychlorinated Biphenyls

PCB-1016	ND	0.050	ug/L	09/18/12	AW	608/ 8082	
PCB-1221	ND	0.050	ug/L	09/18/12	AW	608/ 8082	
PCB-1232	ND	0.050	ug/L	09/18/12	AW	608/ 8082	
PCB-1242	ND	0.050	ug/L	09/18/12	AW	608/ 8082	
PCB-1248	ND	0.050	ug/L	09/18/12	AW	608/ 8082	
PCB-1254	ND	0.050	ug/L	09/18/12	AW	608/ 8082	
PCB-1260	ND	0.050	ug/L	09/18/12	AW	608/ 8082	
PCB-1262	ND	0.050	ug/L	09/18/12	AW	608/ 8082	
PCB-1268	ND	0.050	ug/L	09/18/12	AW	608/ 8082	
QA/QC Surrogates							
% DCBP	74		%	09/18/12	AW	30 - 150 %	
% TCMX	60		%	09/18/12	AW	30 - 150 %	

Pesticides

4,4' -DDD	ND	0.01	ug/L	09/19/12	MH	SW8081	
4,4' -DDE	ND	0.01	ug/L	09/19/12	MH	SW8081	
4,4' -DDT	ND	0.01	ug/L	09/19/12	MH	SW8081	
a-BHC	ND	0.01	ug/L	09/19/12	MH	SW8081	
Alachlor	ND	0.5	ug/L	09/19/12	MH	SW8081	1
Aldrin	ND	0.01	ug/L	09/19/12	MH	SW8081	
b-BHC	ND	0.04	ug/L	09/19/12	MH	SW8081	

Project ID: 490 MYRTLE AVE
Client ID: MW-1

Phoenix I.D.: BC69511

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Chlordane	ND	0.05	ug/L	09/19/12	MH	SW8081
d-BHC	ND	0.04	ug/L	09/19/12	MH	SW8081
Dieldrin	ND	0.004	ug/L	09/19/12	MH	SW8081
Endosulfan I	ND	0.1	ug/L	09/19/12	MH	SW8081
Endosulfan II	ND	0.1	ug/L	09/19/12	MH	SW8081
Endosulfan Sulfate	ND	0.1	ug/L	09/19/12	MH	SW8081
Endrin	ND	0.01	ug/L	09/19/12	MH	SW8081
Endrin Aldehyde	ND	5	ug/L	09/19/12	MH	SW8081
Endrin ketone	ND	5	ug/L	09/19/12	MH	SW8081
g-BHC (Lindane)	ND	0.05	ug/L	09/19/12	MH	SW8081
Heptachlor	ND	0.01	ug/L	09/19/12	MH	SW8081
Heptachlor epoxide	ND	0.01	ug/L	09/19/12	MH	SW8081
Methoxychlor	ND	35	ug/L	09/19/12	MH	SW8081
Toxaphene	ND*	0.25	ug/L	09/19/12	MH	SW8081
QA/QC Surrogates						
%DCBP (Surrogate Rec)	113		%	09/19/12	MH	30 - 150 %
%TCMX (Surrogate Rec)	100		%	09/19/12	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/17/12	R/T	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,2-Dichloroethane	ND	0.60	ug/L	09/17/12	R/T	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
2-Hexanone	ND	5.0	ug/L	09/17/12	R/T	SW8260	
2-Isopropyltoluene	ND	1.0	ug/L	09/17/12	R/T	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
4-Methyl-2-pentanone	ND	5.0	ug/L	09/17/12	R/T	SW8260	
Acetone	ND	25	ug/L	09/17/12	R/T	SW8260	
Acrylonitrile	ND	5.0	ug/L	09/17/12	R/T	SW8260	
Benzene	ND	0.70	ug/L	09/17/12	R/T	SW8260	
Bromobenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Bromochloromethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	

Project ID: 490 MYRTLE AVE
Client ID: MW-1

Phoenix I.D.: BC69511

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Bromodichloromethane	ND	0.50	ug/L	09/17/12	R/T	SW8260	
Bromoform	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Bromomethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Carbon Disulfide	ND	5.0	ug/L	09/17/12	R/T	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Chlorobenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Chloroethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Chloroform	1.0	1.0	ug/L	09/17/12	R/T	SW8260	
Chloromethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
cis-1,2-Dichloroethene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/17/12	R/T	SW8260	1
Dibromochloromethane	ND	0.50	ug/L	09/17/12	R/T	SW8260	
Dibromomethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Ethylbenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Hexachlorobutadiene	ND	0.40	ug/L	09/17/12	R/T	SW8260	
Isopropylbenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
m&p-Xylene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Methyl ethyl ketone	ND	5.0	ug/L	09/17/12	R/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Methylene chloride	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Naphthalene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
n-Butylbenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
n-Propylbenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
o-Xylene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Styrene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Tetrachloroethene	18	1.0	ug/L	09/17/12	R/T	SW8260	
Tetrahydrofuran (THF)	ND	5.0	ug/L	09/17/12	R/T	SW8260	1
Toluene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Total Xylenes	ND	1.0	ug/L	09/17/12	R/T	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/17/12	R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/17/12	R/T	SW8260	
Trichloroethene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	09/17/12	R/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	09/17/12	R/T	70 - 130 %	
% Bromofluorobenzene	91		%	09/17/12	R/T	70 - 130 %	
% Dibromofluoromethane	100		%	09/17/12	R/T	70 - 130 %	
% Toluene-d8	97		%	09/17/12	R/T	70 - 130 %	

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.0	ug/L	09/18/12	DD	SW8270
1,2-Dichlorobenzene	ND	5.0	ug/L	09/18/12	DD	SW8270
1,3-Dichlorobenzene	ND	5.0	ug/L	09/18/12	DD	SW8270

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Client ID: MW-1

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,4-Dichlorobenzene	ND	5.0	ug/L	09/18/12	DD	SW8270	
2,4,5-Trichlorophenol	ND	10	ug/L	09/18/12	DD	SW8270	
2,4,6-Trichlorophenol	ND	10	ug/L	09/18/12	DD	SW8270	
2,4-Dichlorophenol	ND	10	ug/L	09/18/12	DD	SW8270	
2,4-Dimethylphenol	ND	10	ug/L	09/18/12	DD	SW8270	
2,4-Dinitrophenol	ND	50	ug/L	09/18/12	DD	SW8270	
2,4-Dinitrotoluene	ND	5.0	ug/L	09/18/12	DD	SW8270	
2,6-Dinitrotoluene	ND	5.0	ug/L	09/18/12	DD	SW8270	
2-Chloronaphthalene	ND	5.0	ug/L	09/18/12	DD	SW8270	
2-Chlorophenol	ND	10	ug/L	09/18/12	DD	SW8270	
2-Methylnaphthalene	ND	5.0	ug/L	09/18/12	DD	SW8270	
2-Methylphenol (o-cresol)	ND	10	ug/L	09/18/12	DD	SW8270	
2-Nitroaniline	ND	50	ug/L	09/18/12	DD	SW8270	
2-Nitrophenol	ND	10	ug/L	09/18/12	DD	SW8270	
3&4-Methylphenol (m&p-cresol)	ND	10	ug/L	09/18/12	DD	SW8270	
3,3'-Dichlorobenzidine	ND	50	ug/L	09/18/12	DD	SW8270	
3-Nitroaniline	ND	50	ug/L	09/18/12	DD	SW8270	
4,6-Dinitro-2-methylphenol	ND	50	ug/L	09/18/12	DD	SW8270	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	09/18/12	DD	SW8270	
4-Chloro-3-methylphenol	ND	20	ug/L	09/18/12	DD	SW8270	
4-Chloroaniline	ND	20	ug/L	09/18/12	DD	SW8270	
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	09/18/12	DD	SW8270	
4-Nitroaniline	ND	20	ug/L	09/18/12	DD	SW8270	
4-Nitrophenol	ND	50	ug/L	09/18/12	DD	SW8270	
Acetophenone	ND	5.0	ug/L	09/18/12	DD	SW8270	
Aniline	ND	10	ug/L	09/18/12	DD	SW8270	
Anthracene	ND	5.0	ug/L	09/18/12	DD	SW8270	
Azobenzene	ND	5.0	ug/L	09/18/12	DD	SW8270	1
Benzidine	ND	50	ug/L	09/18/12	DD	SW8270	
Benzoic acid	ND	50	ug/L	09/18/12	DD	SW8270	
Benzyl butyl phthalate	ND	5.0	ug/L	09/18/12	DD	SW8270	
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	09/18/12	DD	SW8270	
Bis(2-chloroethyl)ether	ND	5.0	ug/L	09/18/12	DD	SW8270	
Bis(2-chloroisopropyl)ether	ND	5.0	ug/L	09/18/12	DD	SW8270	
Carbazole	ND	5.0	ug/L	09/18/12	DD	SW8270	
Dibenzofuran	ND	5.0	ug/L	09/18/12	DD	SW8270	
Diethyl phthalate	ND	5.0	ug/L	09/18/12	DD	SW8270	
Dimethylphthalate	ND	5.0	ug/L	09/18/12	DD	SW8270	
Di-n-butylphthalate	ND	5.0	ug/L	09/18/12	DD	SW8270	
Di-n-octylphthalate	ND	5.0	ug/L	09/18/12	DD	SW8270	
Fluoranthene	ND	5.0	ug/L	09/18/12	DD	SW8270	
Fluorene	ND	5.0	ug/L	09/18/12	DD	SW8270	
Hexachlorobutadiene	ND	5.0	ug/L	09/18/12	DD	SW8270	
Hexachlorocyclopentadiene	ND	5.0	ug/L	09/18/12	DD	SW8270	
Isophorone	ND	5.0	ug/L	09/18/12	DD	SW8270	
Naphthalene	ND	5.0	ug/L	09/18/12	DD	SW8270	
Nitrobenzene	ND	5.0	ug/L	09/18/12	DD	SW8270	
N-Nitrosodimethylamine	ND	5.0	ug/L	09/18/12	DD	SW8270	
N-Nitrosodi-n-propylamine	ND	5.0	ug/L	09/18/12	DD	SW8270	
N-Nitrosodiphenylamine	ND	5.0	ug/L	09/18/12	DD	SW8270	

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Phenol	ND	10	ug/L	09/18/12	DD	SW8270
Pyrene	ND	5.0	ug/L	09/18/12	DD	SW8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	94		%	09/18/12	DD	15 - 130 %
% 2-Fluorobiphenyl	83		%	09/18/12	DD	40 - 140 %
% 2-Fluorophenol	48		%	09/18/12	DD	15 - 130 %
% Nitrobenzene-d5	93		%	09/18/12	DD	40 - 140 %
% Phenol-d5	28		%	09/18/12	DD	15 - 130 %
% Terphenyl-d14	117		%	09/18/12	DD	40 - 140 %
Semivolatiles						
1,2,4,5-Tetrachlorobenzene	ND	1.6	ug/L	09/19/12	DD	SW8270 (SIM)
Acenaphthene	ND	0.050	ug/L	09/19/12	DD	SW8270 (SIM)
Acenaphthylene	ND	0.050	ug/L	09/19/12	DD	SW8270 (SIM)
Benz(a)anthracene	ND	0.040	ug/L	09/19/12	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.050	ug/L	09/19/12	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.050	ug/L	09/19/12	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.0	ug/L	09/19/12	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.050	ug/L	09/19/12	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.6	ug/L	09/19/12	DD	SW8270 (SIM)
Chrysene	ND	0.050	ug/L	09/19/12	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.010	ug/L	09/19/12	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.060	ug/L	09/19/12	DD	SW8270 (SIM)
Hexachloroethane	ND	2.4	ug/L	09/19/12	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.050	ug/L	09/19/12	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	ug/L	09/19/12	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	ug/L	09/19/12	DD	SW8270 (SIM)
Phenanthrene	ND	0.050	ug/L	09/19/12	DD	SW8270 (SIM)
Pyridine	ND	0.50	ug/L	09/19/12	DD	SW8270 (SIM)
QA/QC Surrogates						
% 2,4,6-Tribromophenol	94		%	09/19/12	DD	15 - 130 %
% 2-Fluorobiphenyl	83		%	09/19/12	DD	40 - 140 %
% 2-Fluorophenol	48		%	09/19/12	DD	15 - 130 %
% Nitrobenzene-d5	93		%	09/19/12	DD	40 - 140 %
% Phenol-d5	28		%	09/19/12	DD	15 - 130 %
% Terphenyl-d14	117		%	09/19/12	DD	40 - 140 %

Project ID: 490 MYRTLE AVE

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Pratical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

For Pesticides, the lowest possible reporting limit under method conditions is 0.25 ug/L. The NY TOGS GA criteria for Toxaphene 0.063 ug/L. This level can not be achieved.

* Poor surrogate recovery was observed for semivolatiles. The other surrogates associated with this sample were within QA/QC criteria. No further action was necessary.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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PLEASE NOTE: THIS PROGRESS REPORT IS CONSIDERED PRELIMINARY DATA. THE RESULTS ENTERED HAVE NOT BEEN EXAMINED BY OUR QA/QC DEPARTMENT.

Phyllis Shiller, Laboratory Director
September 19, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Draft Progress Report

September 19, 2012

FOR: Attn: Mr. Greg Ernst
Associated Environmental Services
25 Central Ave.
Hauppauge, NY 11788

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		09/14/12	12:30
Location Code:	AESHAUP	Received by:	SW	09/17/12	16:48
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBC69511
Phoenix ID: BC69512

Project ID: 490 MYRTLE AVE
Client ID: FB-1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Silver	< 0.001	0.001	mg/L	09/17/12	LK	SW6010	
Aluminum	0.022	0.010	mg/L	09/17/12	LK	SW6010	
Arsenic	< 0.004	0.004	mg/L	09/17/12	LK	SW6010	
Barium	< 0.002	0.002	mg/L	09/17/12	LK	SW6010	
Beryllium	< 0.001	0.001	mg/L	09/17/12	LK	SW6010	
Calcium	0.048	0.010	mg/L	09/17/12	LK	SW6010	
Cadmium	< 0.001	0.001	mg/L	09/17/12	LK	SW6010	
Cobalt	< 0.002	0.002	mg/L	09/17/12	LK	SW6010	
Chromium	< 0.001	0.001	mg/L	09/17/12	LK	SW6010	
Copper	< 0.005	0.005	mg/L	09/17/12	LK	SW6010	
Silver (Dissolved)	< 0.001	0.001	mg/L	09/17/12	LK	SW6010	
Aluminum (Dissolved)	< 0.01	0.01	mg/L	09/17/12	LK	SW6010	
Arsenic (Dissolved)	< 0.004	0.004	mg/L	09/17/12	LK	SW6010	
Barium (Dissolved)	< 0.002	0.002	mg/L	09/17/12	LK	SW6010	
Beryllium (Dissolved)	< 0.001	0.001	mg/L	09/17/12	LK	SW6010	
Calcium (Dissolved)	0.01	0.01	mg/L	09/17/12	LK	SW6010	
Cadmium (Dissolved)	< 0.001	0.001	mg/L	09/17/12	LK	SW6010	
Cobalt (Dissolved)	< 0.001	0.001	mg/L	09/17/12	LK	SW6010	
Chromium (Dissolved)	< 0.001	0.001	mg/L	09/17/12	LK	SW6010	
Copper (Dissolved)	< 0.005	0.005	mg/L	09/17/12	LK	SW6010	
Iron (Dissolved)	< 0.011	0.011	mg/L	09/17/12	LK	SW6010	
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	09/18/12	RS	SW7470	
Potassium (Dissolved)	0.4	0.1	mg/L	09/17/12	LK	SW6010	
Magnesium (Dissolved)	< 0.01	0.01	mg/L	09/17/12	LK	SW6010	
Manganese (Dissolved)	< 0.001	0.001	mg/L	09/17/12	LK	SW6010	
Sodium (Dissolved)	0.14	0.11	mg/L	09/18/12	LK	SW6010	B*
Nickel (Dissolved)	< 0.001	0.001	mg/L	09/17/12	LK	SW6010	
Lead (Dissolved)	< 0.002	0.002	mg/L	09/17/12	LK	SW6010	

Project ID: 490 MYRTLE AVE
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Phoenix I.D.: BC69512

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Antimony (Dissolved)	< 0.005	0.005	mg/L	09/17/12	LK	SW6010	
Selenium (Dissolved)	< 0.011	0.011	mg/L	09/17/12	LK	SW6010	
Thallium (Dissolved)	< 0.002	0.002	mg/L	09/18/12	RS	SW7010	
Vanadium (Dissolved)	< 0.002	0.002	mg/L	09/17/12	LK	SW6010	
Zinc (Dissolved)	< 0.002	0.002	mg/L	09/17/12	LK	SW6010	
Iron	0.052	0.010	mg/L	09/17/12	LK	SW6010	
Mercury	< 0.0002	0.0002	mg/L	09/18/12	RS	SW7470	
Potassium	< 0.1	0.1	mg/L	09/17/12	LK	SW6010	
Magnesium	< 0.01	0.01	mg/L	09/17/12	LK	SW6010	
Manganese	< 0.001	0.001	mg/L	09/17/12	LK	SW6010	
Sodium	0.3	0.1	mg/L	09/17/12	LK	SW6010	B*
Nickel	< 0.001	0.001	mg/L	09/17/12	LK	SW6010	
Lead	< 0.002	0.002	mg/L	09/17/12	LK	SW6010	
Antimony	< 0.003	0.003	mg/L	09/17/12	LK	SW6010	
Selenium	< 0.010	0.010	mg/L	09/17/12	LK	SW6010	
Thallium	< 0.002	0.002	mg/L	09/18/12	RS	SW7010	
Trivalent Chromium	< 0.01	0.01	mg/L			SW6010	
Vanadium	< 0.002	0.002	mg/L	09/17/12	LK	SW6010	
Zinc	< 0.002	0.002	mg/L	09/17/12	LK	SW6010	
Chromium, Hexavalent	< 0.01	0.01	mg/L	09/17/12 21:50	O	S3500CRD/7196	
Filtration	Completed			09/17/12	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed			09/18/12	X/X	SW7470	
Mercury Digestion	Completed			09/18/12	X/X	SW7470	
PCB Extraction	Completed			09/17/12	T	SW3510C	
Extraction for Pest (2 Liter)	Completed			09/17/12	T	SW3510	
Semi-Volatile Extraction	Completed			09/17/12	F/F	SW3510	
Dissolved Metals Preparation	Completed			09/17/12	AG	SW846-3005	
Total Metals Digestion	Completed			09/17/12	AG		
Polychlorinated Biphenyls							
PCB-1016	ND	0.050	ug/L	09/18/12	AW	608/ 8082	
PCB-1221	ND	0.050	ug/L	09/18/12	AW	608/ 8082	
PCB-1232	ND	0.050	ug/L	09/18/12	AW	608/ 8082	
PCB-1242	ND	0.050	ug/L	09/18/12	AW	608/ 8082	
PCB-1248	ND	0.050	ug/L	09/18/12	AW	608/ 8082	
PCB-1254	ND	0.050	ug/L	09/18/12	AW	608/ 8082	
PCB-1260	ND	0.050	ug/L	09/18/12	AW	608/ 8082	
PCB-1262	ND	0.050	ug/L	09/18/12	AW	608/ 8082	
PCB-1268	ND	0.050	ug/L	09/18/12	AW	608/ 8082	
QA/QC Surrogates							
% DCBP	92		%	09/18/12	AW	30 - 150 %	
% TCMX	66		%	09/18/12	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	0.01	ug/L	09/19/12	MH	SW8081	
4,4' -DDE	ND	0.01	ug/L	09/19/12	MH	SW8081	
4,4' -DDT	ND	0.01	ug/L	09/19/12	MH	SW8081	
a-BHC	ND	0.01	ug/L	09/19/12	MH	SW8081	
Alachlor	ND	0.5	ug/L	09/19/12	MH	SW8081	1
Aldrin	ND	0.01	ug/L	09/19/12	MH	SW8081	
b-BHC	ND	0.04	ug/L	09/19/12	MH	SW8081	

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Client ID: FB-1

Phoenix I.D.: BC69512

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Chlordane	ND	0.05	ug/L	09/19/12	MH	SW8081
d-BHC	ND	0.04	ug/L	09/19/12	MH	SW8081
Dieldrin	ND	0.004	ug/L	09/19/12	MH	SW8081
Endosulfan I	ND	0.1	ug/L	09/19/12	MH	SW8081
Endosulfan II	ND	0.1	ug/L	09/19/12	MH	SW8081
Endosulfan Sulfate	ND	0.1	ug/L	09/19/12	MH	SW8081
Endrin	ND	0.01	ug/L	09/19/12	MH	SW8081
Endrin Aldehyde	ND	5	ug/L	09/19/12	MH	SW8081
Endrin ketone	ND	5	ug/L	09/19/12	MH	SW8081
g-BHC (Lindane)	ND	0.05	ug/L	09/19/12	MH	SW8081
Heptachlor	ND	0.01	ug/L	09/19/12	MH	SW8081
Heptachlor epoxide	ND	0.01	ug/L	09/19/12	MH	SW8081
Methoxychlor	ND	35	ug/L	09/19/12	MH	SW8081
Toxaphene	ND*	0.25	ug/L	09/19/12	MH	SW8081
QA/QC Surrogates						
%DCBP (Surrogate Rec)	130		%	09/19/12	MH	30 - 150 %
%TCMX (Surrogate Rec)	Interference		%	09/19/12	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/17/12	R/T	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,2-Dichloroethane	ND	0.60	ug/L	09/17/12	R/T	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
2-Hexanone	ND	5.0	ug/L	09/17/12	R/T	SW8260	
2-Isopropyltoluene	ND	1.0	ug/L	09/17/12	R/T	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
4-Methyl-2-pentanone	ND	5.0	ug/L	09/17/12	R/T	SW8260	
Acetone	ND	25	ug/L	09/17/12	R/T	SW8260	
Acrylonitrile	ND	5.0	ug/L	09/17/12	R/T	SW8260	
Benzene	ND	0.70	ug/L	09/17/12	R/T	SW8260	
Bromobenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Bromochloromethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	

Project ID: 490 MYRTLE AVE
Client ID: FB-1

Phoenix I.D.: BC69512

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Bromodichloromethane	ND	0.50	ug/L	09/17/12	R/T	SW8260	
Bromoform	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Bromomethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Carbon Disulfide	ND	5.0	ug/L	09/17/12	R/T	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Chlorobenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Chloroethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Chloroform	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Chloromethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
cis-1,2-Dichloroethene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/17/12	R/T	SW8260	1
Dibromochloromethane	ND	0.50	ug/L	09/17/12	R/T	SW8260	
Dibromomethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Ethylbenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Hexachlorobutadiene	ND	0.40	ug/L	09/17/12	R/T	SW8260	
Isopropylbenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
m&p-Xylene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Methyl ethyl ketone	ND	5.0	ug/L	09/17/12	R/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Methylene chloride	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Naphthalene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
n-Butylbenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
n-Propylbenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
o-Xylene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Styrene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Tetrachloroethene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Tetrahydrofuran (THF)	ND	5.0	ug/L	09/17/12	R/T	SW8260	1
Toluene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Total Xylenes	ND	1.0	ug/L	09/17/12	R/T	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/17/12	R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/17/12	R/T	SW8260	
Trichloroethene	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	09/17/12	R/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	09/17/12	R/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	09/17/12	R/T	70 - 130 %	
% Bromofluorobenzene	92		%	09/17/12	R/T	70 - 130 %	
% Dibromofluoromethane	98		%	09/17/12	R/T	70 - 130 %	
% Toluene-d8	97		%	09/17/12	R/T	70 - 130 %	

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.0	ug/L	09/18/12	DD	SW8270
1,2-Dichlorobenzene	ND	5.0	ug/L	09/18/12	DD	SW8270
1,3-Dichlorobenzene	ND	5.0	ug/L	09/18/12	DD	SW8270

Project ID: 490 MYRTLE AVE
Client ID: FB-1

Phoenix I.D.: BC69512

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,4-Dichlorobenzene	ND	5.0	ug/L	09/18/12	DD	SW8270	
2,4,5-Trichlorophenol	ND	10	ug/L	09/18/12	DD	SW8270	
2,4,6-Trichlorophenol	ND	10	ug/L	09/18/12	DD	SW8270	
2,4-Dichlorophenol	ND	10	ug/L	09/18/12	DD	SW8270	
2,4-Dimethylphenol	ND	10	ug/L	09/18/12	DD	SW8270	
2,4-Dinitrophenol	ND	50	ug/L	09/18/12	DD	SW8270	
2,4-Dinitrotoluene	ND	5.0	ug/L	09/18/12	DD	SW8270	
2,6-Dinitrotoluene	ND	5.0	ug/L	09/18/12	DD	SW8270	
2-Chloronaphthalene	ND	5.0	ug/L	09/18/12	DD	SW8270	
2-Chlorophenol	ND	10	ug/L	09/18/12	DD	SW8270	
2-Methylnaphthalene	ND	5.0	ug/L	09/18/12	DD	SW8270	
2-Methylphenol (o-cresol)	ND	10	ug/L	09/18/12	DD	SW8270	
2-Nitroaniline	ND	50	ug/L	09/18/12	DD	SW8270	
2-Nitrophenol	ND	10	ug/L	09/18/12	DD	SW8270	
3&4-Methylphenol (m&p-cresol)	ND	10	ug/L	09/18/12	DD	SW8270	
3,3'-Dichlorobenzidine	ND	50	ug/L	09/18/12	DD	SW8270	
3-Nitroaniline	ND	50	ug/L	09/18/12	DD	SW8270	
4,6-Dinitro-2-methylphenol	ND	50	ug/L	09/18/12	DD	SW8270	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	09/18/12	DD	SW8270	
4-Chloro-3-methylphenol	ND	20	ug/L	09/18/12	DD	SW8270	
4-Chloroaniline	ND	20	ug/L	09/18/12	DD	SW8270	
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	09/18/12	DD	SW8270	
4-Nitroaniline	ND	20	ug/L	09/18/12	DD	SW8270	
4-Nitrophenol	ND	50	ug/L	09/18/12	DD	SW8270	
Acetophenone	ND	5.0	ug/L	09/18/12	DD	SW8270	
Aniline	ND	10	ug/L	09/18/12	DD	SW8270	
Anthracene	ND	5.0	ug/L	09/18/12	DD	SW8270	
Azobenzene	ND	5.0	ug/L	09/18/12	DD	SW8270	1
Benzidine	ND	50	ug/L	09/18/12	DD	SW8270	
Benzoic acid	ND	50	ug/L	09/18/12	DD	SW8270	
Benzyl butyl phthalate	ND	5.0	ug/L	09/18/12	DD	SW8270	
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	09/18/12	DD	SW8270	
Bis(2-chloroethyl)ether	ND	5.0	ug/L	09/18/12	DD	SW8270	
Bis(2-chloroisopropyl)ether	ND	5.0	ug/L	09/18/12	DD	SW8270	
Carbazole	ND	5.0	ug/L	09/18/12	DD	SW8270	
Dibenzofuran	ND	5.0	ug/L	09/18/12	DD	SW8270	
Diethyl phthalate	ND	6.0	ug/L	09/18/12	DD	SW8270	
Dimethylphthalate	ND	5.0	ug/L	09/18/12	DD	SW8270	
Di-n-butylphthalate	ND	5.0	ug/L	09/18/12	DD	SW8270	
Di-n-octylphthalate	ND	5.0	ug/L	09/18/12	DD	SW8270	
Fluoranthene	ND	5.0	ug/L	09/18/12	DD	SW8270	
Fluorene	ND	5.0	ug/L	09/18/12	DD	SW8270	
Hexachlorobutadiene	ND	5.0	ug/L	09/18/12	DD	SW8270	
Hexachlorocyclopentadiene	ND	5.0	ug/L	09/18/12	DD	SW8270	
Isophorone	ND	5.0	ug/L	09/18/12	DD	SW8270	
Naphthalene	ND	5.0	ug/L	09/18/12	DD	SW8270	
Nitrobenzene	ND	5.0	ug/L	09/18/12	DD	SW8270	
N-Nitrosodimethylamine	ND	5.0	ug/L	09/18/12	DD	SW8270	
N-Nitrosodi-n-propylamine	ND	5.0	ug/L	09/18/12	DD	SW8270	
N-Nitrosodiphenylamine	ND	5.0	ug/L	09/18/12	DD	SW8270	

Project ID: 490 MYRTLE AVE
Client ID: FB-1

Phoenix I.D.: BC69512

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Phenol	ND	10	ug/L	09/18/12	DD	SW8270
Pyrene	ND	5.0	ug/L	09/18/12	DD	SW8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	97		%	09/18/12	DD	15 - 130 %
% 2-Fluorobiphenyl	83		%	09/18/12	DD	40 - 140 %
% 2-Fluorophenol	48		%	09/18/12	DD	15 - 130 %
% Nitrobenzene-d5	94		%	09/18/12	DD	40 - 140 %
% Phenol-d5	30		%	09/18/12	DD	15 - 130 %
% Terphenyl-d14	100		%	09/18/12	DD	40 - 140 %
Semivolatiles						
1,2,4,5-Tetrachlorobenzene	ND	1.6	ug/L	09/19/12	DD	SW8270 (SIM)
Acenaphthene	ND	0.050	ug/L	09/19/12	DD	SW8270 (SIM)
Acenaphthylene	ND	0.050	ug/L	09/19/12	DD	SW8270 (SIM)
Benz(a)anthracene	ND	0.040	ug/L	09/19/12	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.050	ug/L	09/19/12	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.050	ug/L	09/19/12	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.0	ug/L	09/19/12	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.050	ug/L	09/19/12	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.6	ug/L	09/19/12	DD	SW8270 (SIM)
Chrysene	ND	0.050	ug/L	09/19/12	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.010	ug/L	09/19/12	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.060	ug/L	09/19/12	DD	SW8270 (SIM)
Hexachloroethane	ND	2.4	ug/L	09/19/12	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.050	ug/L	09/19/12	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	ug/L	09/19/12	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	ug/L	09/19/12	DD	SW8270 (SIM)
Phenanthrene	ND	0.050	ug/L	09/19/12	DD	SW8270 (SIM)
Pyridine	ND	0.50	ug/L	09/19/12	DD	SW8270 (SIM)
QA/QC Surrogates						
% 2,4,6-Tribromophenol	97		%	09/19/12	DD	15 - 130 %
% 2-Fluorobiphenyl	83		%	09/19/12	DD	40 - 140 %
% 2-Fluorophenol	48		%	09/19/12	DD	15 - 130 %
% Nitrobenzene-d5	94		%	09/19/12	DD	40 - 140 %
% Phenol-d5	30		%	09/19/12	DD	15 - 130 %
% Terphenyl-d14	100		%	09/19/12	DD	40 - 140 %

Project ID: 490 MYRTLE AVE

Client ID: FB-1

Phoenix I.D.: BC69512

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Pratical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

For Pesticides, the lowest possible reporting limit under method conditions is 0.25 ug/L. The NY TOGS GA criteria for Toxaphene 0.063 ug/L. This level can not be achieved.

* Poor surrogate recovery was observed for semivolatiles. The other surrogates associated with this sample were within QA/QC criteria. No further action was necessary.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

PLEASE NOTE: THIS PROGRESS REPORT IS CONSIDERED PRELIMINARY DATA. THE RESULTS ENTERED HAVE NOT BEEN EXAMINED BY OUR QA/QC DEPARTMENT.

Phyllis Shiller, Laboratory Director
September 19, 2012

NY/NJ CHAIN OF CUSTODY RECORD

Temp 4 ONIC TD Pg 1 of 1

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery:
☐ Fax #:
☒ Email: SEE BELOW

Customer: ASSOCIATED ENVIRONMENTAL SERVICES
Address: 25 CENTRAL AVENUE
HARRAUGH, NY 11788

Project: 490 Myrtle Ave
Report to: Gregory Ernst
Invoice to: Same ↑

Project P.O:
Phone #: 631 234 4280
Fax #: 631 234 4297

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 9/14/12

Analysis Request

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=oil
GW=groundwater SL=sludge A=air X=other

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOA-8260	BNA-8270	PESTS	PCBS	TAL METALS - FILTER	TAL METALS - UNFILTER	HEX CR	TRI CR																
																	Soil VOA (1 Methanol [ ] S, Bisulfate [ ] H2O)	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] HCl	Pl As is [ ] 250ml [ ] H2SO4	Pl H2SO4 [ ] 250ml [ ] 1000ml	Pl HNO3 250ml	Pl NaOH 250ml	Bacteria Bottle		
69511	MW-1	GW	9/14/12	12:00	X	X	X	X	X	X	X	X								3	3	2		1				
69512	FB-1	GW	9/14/12	12:30	X	X	X	X	X	X	X	X								3	3	2		1				

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	9-14-12	13:10
[signature]	[signature]	9-14-12	1648

Comments, Special Requirements or Regulations:
* gREGR@ASSOCENVSVCS.COM
* JOHNS@ASSOCENVSVCS.COM

Turnaround:
☒ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☒ TOGS GA GW
☐ CP-51 Soil
☐ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted Non-Residential Soil

Data Format
☒ Phoenix Std Report
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY

59-01 Central Ave.
Farmingdale, NY 11735

Tel: (631) 414-7685
Fax: (631) 414-7688

November 21, 2012

Paul Matli
Hydro Tech Environmental
15 Ocean Avenue, 2nd Floor
Brooklyn, NY 11225

RE: 409-504 Myrtle Ave, Brooklyn, NY

Enclosed are the results of analyses for samples received by the laboratory on 11/19/12 17:07. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Michael E. Miller, Ph.D.

ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	1211142-01	Water	11/19/12 08:00	11/19/12 17:07
MW-1A	1211142-02	Water	11/19/12 08:00	11/19/12 17:07
MW-2	1211142-03	Water	11/19/12 08:00	11/19/12 17:07
Field Blank	1211142-04	Water	11/19/12 08:00	11/19/12 17:07
Trip Blank	1211142-05	Water	11/16/12 08:00	11/19/12 17:07

All results are based on the sample 'As Received' by the laboratory and no endorsement of the sample integrity prior to sample receipt is implied or given unless collected by laboratory employees. Report must be reproduced in its entirety.

ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

MW-1

1211142-01 (Water)

Analytical Chemists Laboratory, LLC.

Total Metals

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Aluminum	**24.3**	2.00	mg/L	MEM	11/20/12 19:30	SW 6010B	QM-07
Antimony	<0.040	0.040	"	MEM	11/20/12 16:59	"	
Arsenic	<0.040	0.040	"	MEM	"	"	
Barium	**0.415**	0.004	"	MEM	"	"	
Beryllium	<0.004	0.004	"	MEM	"	"	
Cadmium	<0.020	0.020	"	MEM	"	"	
Calcium	**153**	2.00	"	MEM	11/20/12 19:30	"	QM-07
Chromium	**0.064**	0.020	"	MEM	11/20/12 16:59	"	
Hexavalent Chromium	<0.050	0.050	"	HT	11/20/12 08:22	SM 3500-Cr D	
Trivalent Chromium	**0.064**	0.050	"	MEM	11/20/12 14:29	Calc	
Cobalt	**0.044**	0.008	"	MEM	11/20/12 16:59	SW 6010B	
Copper	**0.129**	0.004	"	MEM	"	"	
Iron	**40.1**	2.00	"	MEM	11/20/12 19:30	"	QM-07
Lead	**0.118**	0.040	"	MEM	11/20/12 16:59	"	
Magnesium	**56.4**	2.00	"	MEM	11/20/12 19:30	EPA 6010B	QM-07
Manganese	**2.13**	0.200	"	MEM	"	SW 6010B	
Mercury	<0.30	0.30	ug/L	MEM	11/20/12 14:16	SW 7470A	
Nickel	**0.159**	0.010	mg/L	MEM	11/20/12 16:59	SW 6010B	
Potassium	**11.8**	0.040	"	MEM	"	"	
Selenium	<0.020	0.020	"	MEM	"	"	
Silver	<0.020	0.020	"	MEM	"	"	
Sodium	**57.2**	5.00	"	MEM	11/20/12 19:30	"	QM-07
Thallium	<0.040	0.040	"	MEM	11/20/12 16:59	"	
Vanadium	**0.078**	0.004	"	MEM	"	"	
Zinc	**0.596**	0.020	"	MEM	"	"	

ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

MW-1

1211142-01 (Water)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Dissolved Metals							
Aluminum	**0.312**	0.040	mg/L	MEM	11/20/12 17:50	SW 6010B	
Antimony	<0.040	0.040	"	MEM	"	"	
Arsenic	<0.040	0.040	"	MEM	"	"	
Barium	**0.171**	0.004	"	MEM	"	"	
Beryllium	<0.004	0.004	"	MEM	"	"	
Cadmium	<0.020	0.020	"	MEM	"	"	
Calcium	**134**	2.00	"	MEM	11/20/12 20:20	"	QM-07
Chromium	<0.020	0.020	"	MEM	11/20/12 17:50	"	
Cobalt	<0.008	0.008	"	MEM	"	"	
Copper	<0.004	0.004	"	MEM	"	"	
Iron	**0.547**	0.040	"	MEM	"	"	QB-01, B
Lead	<0.040	0.040	"	MEM	"	"	
Magnesium	**39.8**	2.00	"	MEM	11/20/12 20:20	"	QM-07
Manganese	**0.496**	0.004	"	MEM	11/20/12 17:50	"	
Mercury	<0.30	0.30	ug/L	MEM	11/20/12 14:09	SW 7470A	
Nickel	**0.013**	0.010	mg/L	MEM	11/20/12 17:50	SW 6010B	
Potassium	**5.39**	0.040	"	MEM	"	"	
Selenium	<0.020	0.020	"	MEM	"	"	
Silver	<0.020	0.020	"	MEM	"	"	
Sodium	**58.2**	5.00	"	MEM	11/20/12 20:20	"	QM-07
Thallium	<0.040	0.040	"	MEM	11/20/12 17:50	"	
Vanadium	<0.004	0.004	"	MEM	"	"	
Zinc	**0.037**	0.020	"	MEM	"	"	
VOA MS							
Benzene	<1.00	1.00	ug/L	VNS	11/20/12 06:09	SW 5030, 8260B	
Bromobenzene	<1.00	1.00	"	VNS	"	"	
Bromochloromethane	<1.00	1.00	"	VNS	"	"	
Bromodichloromethane	<1.00	1.00	"	VNS	"	"	
Bromoform	<1.00	1.00	"	VNS	"	"	
Bromomethane	<2.00	2.00	"	VNS	"	"	
sec-Butylbenzene	<1.00	1.00	"	VNS	"	"	
n-Butylbenzene	<1.00	1.00	"	VNS	"	"	
tert-Butylbenzene	<1.00	1.00	"	VNS	"	"	
Carbon Tetrachloride	<1.00	1.00	"	VNS	"	"	
Chlorobenzene	<1.00	1.00	"	VNS	"	"	

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

MW-1

1211142-01 (Water)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
VOA MS							
Chloroethane	<1.00	1.00	ug/L	VNS	11/20/12 06:09	SW 5030, 8260B	
Chloroform	**2.13**	1.00	"	VNS	"	"	
Chloromethane	<1.00	1.00	"	VNS	"	"	
2-Chlorotoluene	<2.00	2.00	"	VNS	"	"	
4-Chlorotoluene	<1.00	1.00	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	<1.00	1.00	"	VNS	"	"	
Dibromochloromethane	<1.00	1.00	"	VNS	"	"	
1,2-Dibromoethane	<1.00	1.00	"	VNS	"	"	
Dibromomethane	<1.00	1.00	"	VNS	"	"	
1,2-Dichlorobenzene	<1.00	1.00	"	VNS	"	"	
1,3-Dichlorobenzene	<1.00	1.00	"	VNS	"	"	
1,4-Dichlorobenzene	<1.00	1.00	"	VNS	"	"	
Dichlorodifluoromethane	<1.00	1.00	"	VNS	"	"	
1,1-Dichloroethane	<1.00	1.00	"	VNS	"	"	
1,2-Dichloroethane	<1.00	1.00	"	VNS	"	"	
1,1-Dichloroethene	<1.00	1.00	"	VNS	"	"	
cis-1,2-Dichloroethene	<1.00	1.00	"	VNS	"	"	
trans-1,2-Dichloroethene	<1.00	1.00	"	VNS	"	"	
1,3-Dichloropropane	<1.00	1.00	"	VNS	"	"	
2,2-Dichloropropane	<1.00	1.00	"	VNS	"	"	
1,2-Dichloropropane	<1.00	1.00	"	VNS	"	"	
trans-1,3-Dichloropropene	<1.00	1.00	"	VNS	"	"	
1,1-Dichloropropene	<1.00	1.00	"	VNS	"	"	
cis-1,3-Dichloropropene	<1.00	1.00	"	VNS	"	"	
Ethylbenzene	<1.00	1.00	"	VNS	"	"	
Hexachlorobutadiene	<1.00	1.00	"	VNS	"	"	
Isopropylbenzene	<1.00	1.00	"	VNS	"	"	
4-Isopropyltoluene	<1.00	1.00	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.00	1.00	"	VNS	"	"	
Methylene Chloride	<10.0	10.0	"	VNS	"	"	
n-Propylbenzene	<1.00	1.00	"	VNS	"	"	
Styrene	<1.00	1.00	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	<1.00	1.00	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	<1.00	1.00	"	VNS	"	"	
Tetrachloroethene	**7.92**	1.00	"	VNS	"	"	
Toluene	<1.00	1.00	"	VNS	"	"	

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Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

MW-1

1211142-01 (Water)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
VOA MS							
1,2,3-Trichlorobenzene	<2.00	2.00	ug/L	VNS	11/20/12 06:09	SW 5030, 8260B	
1,1,1-Trichloroethane	<1.00	1.00	"	VNS	"	"	
1,1,2-Trichloroethane	<1.00	1.00	"	VNS	"	"	
Trichloroethene	<1.00	1.00	"	VNS	"	"	
Trichlorofluoromethane	<1.00	1.00	"	VNS	"	"	
1,2,3-Trichloropropane	<1.10	1.10	"	VNS	"	"	
1,2,4-Trimethylbenzene	<1.00	1.00	"	VNS	"	"	
1,3,5-Trimethylbenzene	<1.00	1.00	"	VNS	"	"	
Vinyl chloride	<1.00	1.00	"	VNS	"	"	
m,p-Xylene	<2.00	2.00	"	VNS	"	"	
o-Xylene	<1.00	1.00	"	VNS	"	"	
SVOA MS							
Acenaphthene	<3.00	3.00	ug/L	VM	11/20/12 01:06	SW 3510, 8270C	
Acenaphthylene	<3.00	3.00	"	VM	"	"	
Anthracene	<3.00	3.00	"	VM	"	"	
Benzo (a) anthracene	<3.00	3.00	"	VM	"	"	
Benzo (a) pyrene	<3.00	3.00	"	VM	"	"	
Benzo (b) fluoranthene	<3.00	3.00	"	VM	"	"	
Benzo (g,h,i) perylene	<3.00	3.00	"	VM	"	"	
Benzo (k) fluoranthene	<3.00	3.00	"	VM	"	"	
4-Bromophenyl phenyl ether	<3.00	3.00	"	VM	"	"	
Butyl benzyl phthalate	<4.00	4.00	"	VM	"	"	
4-Chloroaniline	<4.00	4.00	"	VM	"	"	
Bis(2-chloroethoxy)methane	<4.00	4.00	"	VM	"	"	
Bis(2-chloroethyl)ether	<4.00	4.00	"	VM	"	"	
Bis(2-chloroisopropyl)ether	<4.00	4.00	"	VM	"	"	
2-Chloronaphthalene	<3.00	3.00	"	VM	"	"	
4-Chlorophenyl phenyl ether	<3.00	3.00	"	VM	"	"	
Chrysene	<3.00	3.00	"	VM	"	"	
Dibenz (a,h) anthracene	<3.00	3.00	"	VM	"	"	
Di-n-butyl phthalate	<3.00	3.00	"	VM	"	"	
1,2-Dichlorobenzene	<3.00	3.00	"	VM	"	"	
1,4-Dichlorobenzene	<3.00	3.00	"	VM	"	"	
1,3-Dichlorobenzene	<3.00	3.00	"	VM	"	"	
3,3´-Dichlorobenzidine	<4.00	4.00	"	VM	"	"	

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Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

MW-1

1211142-01 (Water)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
SVOA MS							
Diethyl phthalate	<3.00	3.00	ug/L	VM	11/20/12 01:06	SW 3510, 8270C	
Dimethyl phthalate	<3.00	3.00	"	VM	"	"	
2,4-Dinitrotoluene	<3.00	3.00	"	VM	"	"	
2,6-Dinitrotoluene	<3.00	3.00	"	VM	"	"	
Di-n-octyl phthalate	<4.00	4.00	"	VM	"	"	
Bis(2-ethylhexyl)phthalate	<3.00	3.00	"	VM	"	"	
Fluoranthene	<3.00	3.00	"	VM	"	"	
Fluorene	<3.00	3.00	"	VM	"	"	
Hexachlorobenzene	<5.00	5.00	"	VM	"	"	
Hexachlorobutadiene	<3.00	3.00	"	VM	"	"	
Hexachlorocyclopentadiene	<6.00	6.00	"	VM	"	"	
Hexachloroethane	<4.00	4.00	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	<2.00	2.00	"	VM	"	"	
Isophorone	<2.00	2.00	"	VM	"	"	
2-Methylnaphthalene	<3.00	3.00	"	VM	"	"	
Naphthalene	<4.00	4.00	"	VM	"	"	
3-Nitroaniline	<3.00	3.00	"	VM	"	"	
2-Nitroaniline	<4.00	4.00	"	VM	"	"	
4-Nitroaniline	<3.00	3.00	"	VM	"	"	
Nitrobenzene	<3.00	3.00	"	VM	"	"	
N-Nitrosodiphenylamine	<5.00	5.00	"	VM	"	"	
N-Nitrosodi-n-propylamine	<5.00	5.00	"	VM	"	"	
Phenanthrene	<3.00	3.00	"	VM	"	"	
Pyrene	<3.00	3.00	"	VM	"	"	
1,2,4-Trichlorobenzene	<3.00	3.00	"	VM	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

MW-1

1211142-01 (Water)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Pesticides							
alpha-BHC	<0.05	0.05	ug/L	NU	11/21/12 10:28	SW 3510, 8081	
alpha-Chlordane	<0.05	0.05	"	NU	"	"	
beta-BHC	<0.05	0.05	"	NU	"	"	
Aldrin	<0.05	0.05	"	NU	"	"	
gamma-BHC (Lindane)	<0.05	0.05	"	NU	"	"	
gamma-Chlordane	<0.05	0.05	"	NU	"	"	
Heptachlor	<0.05	0.05	"	NU	"	"	
Heptachlor epoxide	<0.05	0.05	"	NU	"	"	
delta-BHC	<0.05	0.05	"	NU	"	"	
Endosulfan I	<0.05	0.05	"	NU	"	"	
Endosulfan II	<0.05	0.05	"	NU	"	"	
Endosulfan sulfate	<0.05	0.05	"	NU	"	"	
Endrin	<0.05	0.05	"	NU	"	"	
Endrin aldehyde	<0.05	0.05	"	NU	"	"	
Endrin ketone	<0.05	0.05	"	NU	"	"	
4,4´-DDD	<0.05	0.05	"	NU	"	"	
4,4´-DDE	<0.05	0.05	"	NU	"	"	
4,4´-DDT	<0.05	0.05	"	NU	"	"	
Methoxychlor	<0.05	0.05	"	NU	"	"	
Dieldrin	<0.05	0.05	"	NU	"	"	
Chlordane (technical)	<0.50	0.50	"	NU	"	"	
Toxaphene	<2.50	2.50	"	NU	"	"	
PCB							
Aroclor 1016	<1.00	1.00	ug/L	NU	11/20/12 18:20	SW 3510, 8082	
Aroclor 1221	<1.00	1.00	"	NU	"	"	
Aroclor 1232	<1.00	1.00	"	NU	"	"	
Aroclor 1242	<0.500	0.500	"	NU	"	"	
Aroclor 1248	<1.00	1.00	"	NU	"	"	
Aroclor 1254	<1.00	1.00	"	NU	"	"	
Aroclor 1260	<0.400	0.400	"	NU	"	"	

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Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

MW-1A

1211142-02 (Water)

Analytical Chemists Laboratory, LLC.

Total Metals

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Aluminum	**0.315**	0.040	mg/L	MEM	11/20/12 17:18	SW 6010B	
Antimony	<0.040	0.040	"	MEM	"	"	
Arsenic	<0.040	0.040	"	MEM	"	"	
Barium	**0.154**	0.004	"	MEM	"	"	
Beryllium	<0.004	0.004	"	MEM	"	"	
Cadmium	<0.020	0.020	"	MEM	"	"	
Calcium	**99.0**	2.00	"	MEM	11/20/12 19:36	"	
Chromium	**0.108**	0.020	"	MEM	11/20/12 17:18	"	
Hexavalent Chromium	<0.050	0.050	"	HT	11/20/12 08:22	SM 3500-Cr D	
Trivalent Chromium	**0.106**	0.050	"	MEM	11/20/12 14:29	Calc	
Cobalt	<0.008	0.008	"	MEM	11/20/12 17:18	SW 6010B	
Copper	<0.004	0.004	"	MEM	"	"	
Iron	**1.11**	0.040	"	MEM	"	"	
Lead	<0.040	0.040	"	MEM	"	"	
Magnesium	**30.1**	2.00	"	MEM	11/20/12 19:36	EPA 6010B	
Manganese	**0.033**	0.004	"	MEM	11/20/12 17:18	SW 6010B	
Mercury	<0.30	0.30	ug/L	MEM	11/20/12 14:18	SW 7470A	
Nickel	**0.054**	0.010	mg/L	MEM	11/20/12 17:18	SW 6010B	
Potassium	**4.15**	0.040	"	MEM	"	"	
Selenium	<0.020	0.020	"	MEM	"	"	
Silver	<0.020	0.020	"	MEM	"	"	
Sodium	**23.2**	5.00	"	MEM	11/20/12 19:36	"	
Thallium	<0.040	0.040	"	MEM	11/20/12 17:18	"	
Vanadium	<0.004	0.004	"	MEM	"	"	
Zinc	<0.020	0.020	"	MEM	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

MW-1A

1211142-02 (Water)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Dissolved Metals							
Aluminum	<0.040	0.040	mg/L	MEM	11/20/12 18:34	SW 6010B	
Antimony	<0.040	0.040	"	MEM	"	"	
Arsenic	<0.040	0.040	"	MEM	"	"	
Barium	**0.139**	0.004	"	MEM	"	"	
Beryllium	<0.004	0.004	"	MEM	"	"	
Cadmium	<0.020	0.020	"	MEM	"	"	
Calcium	**95.0**	2.00	"	MEM	11/20/12 20:26	"	
Chromium	<0.020	0.020	"	MEM	11/20/12 18:34	"	
Cobalt	<0.008	0.008	"	MEM	"	"	
Copper	<0.004	0.004	"	MEM	"	"	
Iron	**0.116**	0.040	"	MEM	"	"	B
Lead	<0.040	0.040	"	MEM	"	"	
Magnesium	**28.5**	2.00	"	MEM	11/20/12 20:26	"	
Manganese	**0.018**	0.004	"	MEM	11/20/12 18:34	"	
Mercury	<0.30	0.30	ug/L	MEM	11/20/12 14:11	SW 7470A	
Nickel	<0.010	0.010	mg/L	MEM	11/20/12 18:34	SW 6010B	
Potassium	**4.18**	0.040	"	MEM	"	"	
Selenium	<0.020	0.020	"	MEM	"	"	
Silver	<0.020	0.020	"	MEM	"	"	
Sodium	**25.2**	5.00	"	MEM	11/20/12 20:26	"	
Thallium	<0.040	0.040	"	MEM	11/20/12 18:34	"	
Vanadium	<0.004	0.004	"	MEM	"	"	
Zinc	**0.032**	0.020	"	MEM	"	"	
VOA MS							
Benzene	<1.00	1.00	ug/L	VNS	11/20/12 05:36	SW 5030, 8260B	
Bromobenzene	<1.00	1.00	"	VNS	"	"	
Bromochloromethane	<1.00	1.00	"	VNS	"	"	
Bromodichloromethane	<1.00	1.00	"	VNS	"	"	
Bromoform	<1.00	1.00	"	VNS	"	"	
Bromomethane	<2.00	2.00	"	VNS	"	"	
sec-Butylbenzene	<1.00	1.00	"	VNS	"	"	
n-Butylbenzene	<1.00	1.00	"	VNS	"	"	
tert-Butylbenzene	<1.00	1.00	"	VNS	"	"	
Carbon Tetrachloride	<1.00	1.00	"	VNS	"	"	
Chlorobenzene	<1.00	1.00	"	VNS	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

MW-1A

1211142-02 (Water)

Analytical Chemists Laboratory, LLC.

VOA MS

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Chloroethane	<1.00	1.00	ug/L	VNS	11/20/12 05:36	SW 5030, 8260B	
Chloroform	<1.00	1.00	"	VNS	"	"	
Chloromethane	<1.00	1.00	"	VNS	"	"	
2-Chlorotoluene	<2.00	2.00	"	VNS	"	"	
4-Chlorotoluene	<1.00	1.00	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	<1.00	1.00	"	VNS	"	"	
Dibromochloromethane	<1.00	1.00	"	VNS	"	"	
1,2-Dibromoethane	<1.00	1.00	"	VNS	"	"	
Dibromomethane	<1.00	1.00	"	VNS	"	"	
1,2-Dichlorobenzene	<1.00	1.00	"	VNS	"	"	
1,3-Dichlorobenzene	<1.00	1.00	"	VNS	"	"	
1,4-Dichlorobenzene	<1.00	1.00	"	VNS	"	"	
Dichlorodifluoromethane	<1.00	1.00	"	VNS	"	"	
1,1-Dichloroethane	<1.00	1.00	"	VNS	"	"	
1,2-Dichloroethane	<1.00	1.00	"	VNS	"	"	
1,1-Dichloroethene	<1.00	1.00	"	VNS	"	"	
cis-1,2-Dichloroethene	<1.00	1.00	"	VNS	"	"	
trans-1,2-Dichloroethene	<1.00	1.00	"	VNS	"	"	
1,3-Dichloropropane	<1.00	1.00	"	VNS	"	"	
2,2-Dichloropropane	<1.00	1.00	"	VNS	"	"	
1,2-Dichloropropane	<1.00	1.00	"	VNS	"	"	
trans-1,3-Dichloropropene	<1.00	1.00	"	VNS	"	"	
1,1-Dichloropropene	<1.00	1.00	"	VNS	"	"	
cis-1,3-Dichloropropene	<1.00	1.00	"	VNS	"	"	
Ethylbenzene	<1.00	1.00	"	VNS	"	"	
Hexachlorobutadiene	<1.00	1.00	"	VNS	"	"	
Isopropylbenzene	<1.00	1.00	"	VNS	"	"	
4-Isopropyltoluene	<1.00	1.00	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.00	1.00	"	VNS	"	"	
Methylene Chloride	<10.0	10.0	"	VNS	"	"	
n-Propylbenzene	<1.00	1.00	"	VNS	"	"	
Styrene	<1.00	1.00	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	<1.00	1.00	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	<1.00	1.00	"	VNS	"	"	
Tetrachloroethene	**2.61**	1.00	"	VNS	"	"	
Toluene	<1.00	1.00	"	VNS	"	"	

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

MW-1A

1211142-02 (Water)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
VOA MS							
1,2,3-Trichlorobenzene	<2.00	2.00	ug/L	VNS	11/20/12 05:36	SW 5030, 8260B	
1,1,1-Trichloroethane	<1.00	1.00	"	VNS	"	"	
1,1,2-Trichloroethane	<1.00	1.00	"	VNS	"	"	
Trichloroethene	<1.00	1.00	"	VNS	"	"	
Trichlorofluoromethane	<1.00	1.00	"	VNS	"	"	
1,2,3-Trichloropropane	<1.10	1.10	"	VNS	"	"	
1,2,4-Trimethylbenzene	<1.00	1.00	"	VNS	"	"	
1,3,5-Trimethylbenzene	<1.00	1.00	"	VNS	"	"	
Vinyl chloride	<1.00	1.00	"	VNS	"	"	
m,p-Xylene	<2.00	2.00	"	VNS	"	"	
o-Xylene	<1.00	1.00	"	VNS	"	"	
SVOA MS							
Acenaphthene	<3.00	3.00	ug/L	VM	11/20/12 01:34	SW 3510, 8270C	
Acenaphthylene	<3.00	3.00	"	VM	"	"	
Anthracene	<3.00	3.00	"	VM	"	"	
Benzo (a) anthracene	<3.00	3.00	"	VM	"	"	
Benzo (a) pyrene	<3.00	3.00	"	VM	"	"	
Benzo (b) fluoranthene	<3.00	3.00	"	VM	"	"	
Benzo (g,h,i) perylene	<3.00	3.00	"	VM	"	"	
Benzo (k) fluoranthene	<3.00	3.00	"	VM	"	"	
4-Bromophenyl phenyl ether	<3.00	3.00	"	VM	"	"	
Butyl benzyl phthalate	<4.00	4.00	"	VM	"	"	
4-Chloroaniline	<4.00	4.00	"	VM	"	"	
Bis(2-chloroethoxy)methane	<4.00	4.00	"	VM	"	"	
Bis(2-chloroethyl)ether	<4.00	4.00	"	VM	"	"	
Bis(2-chloroisopropyl)ether	<4.00	4.00	"	VM	"	"	
2-Chloronaphthalene	<3.00	3.00	"	VM	"	"	
4-Chlorophenyl phenyl ether	<3.00	3.00	"	VM	"	"	
Chrysene	<3.00	3.00	"	VM	"	"	
Dibenz (a,h) anthracene	<3.00	3.00	"	VM	"	"	
Di-n-butyl phthalate	<3.00	3.00	"	VM	"	"	
1,2-Dichlorobenzene	<3.00	3.00	"	VM	"	"	
1,4-Dichlorobenzene	<3.00	3.00	"	VM	"	"	
1,3-Dichlorobenzene	<3.00	3.00	"	VM	"	"	
3,3´-Dichlorobenzidine	<4.00	4.00	"	VM	"	"	

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Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

MW-1A

1211142-02 (Water)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
SVOA MS							
Diethyl phthalate	<3.00	3.00	ug/L	VM	11/20/12 01:34	SW 3510, 8270C	
Dimethyl phthalate	<3.00	3.00	"	VM	"	"	
2,4-Dinitrotoluene	<3.00	3.00	"	VM	"	"	
2,6-Dinitrotoluene	<3.00	3.00	"	VM	"	"	
Di-n-octyl phthalate	<4.00	4.00	"	VM	"	"	
Bis(2-ethylhexyl)phthalate	<3.00	3.00	"	VM	"	"	
Fluoranthene	<3.00	3.00	"	VM	"	"	
Fluorene	<3.00	3.00	"	VM	"	"	
Hexachlorobenzene	<5.00	5.00	"	VM	"	"	
Hexachlorobutadiene	<3.00	3.00	"	VM	"	"	
Hexachlorocyclopentadiene	<6.00	6.00	"	VM	"	"	
Hexachloroethane	<4.00	4.00	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	<2.00	2.00	"	VM	"	"	
Isophorone	<2.00	2.00	"	VM	"	"	
2-Methylnaphthalene	<3.00	3.00	"	VM	"	"	
Naphthalene	<4.00	4.00	"	VM	"	"	
3-Nitroaniline	<3.00	3.00	"	VM	"	"	
2-Nitroaniline	<4.00	4.00	"	VM	"	"	
4-Nitroaniline	<3.00	3.00	"	VM	"	"	
Nitrobenzene	<3.00	3.00	"	VM	"	"	
N-Nitrosodiphenylamine	<5.00	5.00	"	VM	"	"	
N-Nitrosodi-n-propylamine	<5.00	5.00	"	VM	"	"	
Phenanthrene	<3.00	3.00	"	VM	"	"	
Pyrene	<3.00	3.00	"	VM	"	"	
1,2,4-Trichlorobenzene	<3.00	3.00	"	VM	"	"	

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15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

MW-1A

1211142-02 (Water)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
Pesticides							
alpha-BHC	<0.05	0.05	ug/L	NU	11/21/12 10:28	SW 3510, 8081	
alpha-Chlordane	<0.05	0.05	"	NU	"	"	
beta-BHC	<0.05	0.05	"	NU	"	"	
Aldrin	<0.05	0.05	"	NU	"	"	
gamma-BHC (Lindane)	<0.05	0.05	"	NU	"	"	
gamma-Chlordane	<0.05	0.05	"	NU	"	"	
Heptachlor	<0.05	0.05	"	NU	"	"	
Heptachlor epoxide	<0.05	0.05	"	NU	"	"	
delta-BHC	<0.05	0.05	"	NU	"	"	
Endosulfan I	<0.05	0.05	"	NU	"	"	
Endosulfan II	<0.05	0.05	"	NU	"	"	
Endosulfan sulfate	<0.05	0.05	"	NU	"	"	
Endrin	<0.05	0.05	"	NU	"	"	
Endrin aldehyde	<0.05	0.05	"	NU	"	"	
Endrin ketone	<0.05	0.05	"	NU	"	"	
4,4´-DDD	<0.05	0.05	"	NU	"	"	
4,4´-DDE	<0.05	0.05	"	NU	"	"	
4,4´-DDT	<0.05	0.05	"	NU	"	"	
Methoxychlor	<0.05	0.05	"	NU	"	"	
Dieldrin	<0.05	0.05	"	NU	"	"	
Chlordane (technical)	<0.50	0.50	"	NU	"	"	
Toxaphene	<2.50	2.50	"	NU	"	"	
PCB							
Aroclor 1016	<1.00	1.00	ug/L	NU	11/20/12 18:38	SW 3510, 8082	
Aroclor 1221	<1.00	1.00	"	NU	"	"	
Aroclor 1232	<1.00	1.00	"	NU	"	"	
Aroclor 1242	<0.500	0.500	"	NU	"	"	
Aroclor 1248	<1.00	1.00	"	NU	"	"	
Aroclor 1254	<1.00	1.00	"	NU	"	"	
Aroclor 1260	<0.400	0.400	"	NU	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

MW-2

1211142-03 (Water)

Analytical Chemists Laboratory, LLC.

Total Metals

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Aluminum	**0.362**	0.040	mg/L	MEM	11/20/12 17:25	SW 6010B	
Antimony	<0.040	0.040	"	MEM	"	"	
Arsenic	<0.040	0.040	"	MEM	"	"	
Barium	**0.125**	0.004	"	MEM	"	"	
Beryllium	<0.004	0.004	"	MEM	"	"	
Cadmium	<0.020	0.020	"	MEM	"	"	
Calcium	**91.3**	2.00	"	MEM	11/20/12 20:07	"	
Chromium	**0.136**	0.020	"	MEM	11/20/12 17:25	"	
Hexavalent Chromium	<0.050	0.050	"	HT	11/20/12 08:22	SM 3500-Cr D	
Trivalent Chromium	**0.134**	0.050	"	MEM	11/20/12 14:29	Calc	
Cobalt	<0.008	0.008	"	MEM	11/20/12 17:25	SW 6010B	
Copper	<0.004	0.004	"	MEM	"	"	
Iron	**1.31**	0.040	"	MEM	"	"	
Lead	<0.040	0.040	"	MEM	"	"	
Magnesium	**26.8**	2.00	"	MEM	11/20/12 20:07	EPA 6010B	
Manganese	**0.097**	0.004	"	MEM	11/20/12 17:25	SW 6010B	
Mercury	<0.30	0.30	ug/L	MEM	11/20/12 14:24	SW 7470A	
Nickel	**0.071**	0.010	mg/L	MEM	11/20/12 17:25	SW 6010B	
Potassium	**5.74**	0.040	"	MEM	"	"	
Selenium	<0.020	0.020	"	MEM	"	"	
Silver	<0.020	0.020	"	MEM	"	"	
Sodium	**49.9**	5.00	"	MEM	11/20/12 20:07	"	
Thallium	<0.040	0.040	"	MEM	11/20/12 17:25	"	
Vanadium	<0.004	0.004	"	MEM	"	"	
Zinc	<0.020	0.020	"	MEM	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

MW-2

1211142-03 (Water)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Dissolved Metals							
Aluminum	**0.048**	0.040	mg/L	MEM	11/20/12 18:40	SW 6010B	
Antimony	<0.040	0.040	"	MEM	"	"	
Arsenic	<0.040	0.040	"	MEM	"	"	
Barium	**0.109**	0.004	"	MEM	"	"	
Beryllium	<0.004	0.004	"	MEM	"	"	
Cadmium	<0.020	0.020	"	MEM	"	"	
Calcium	**87.8**	2.00	"	MEM	11/20/12 20:32	"	
Chromium	<0.020	0.020	"	MEM	11/20/12 18:40	"	
Cobalt	<0.008	0.008	"	MEM	"	"	
Copper	<0.004	0.004	"	MEM	"	"	
Iron	**0.351**	0.040	"	MEM	"	"	B
Lead	<0.040	0.040	"	MEM	"	"	
Magnesium	**25.4**	2.00	"	MEM	11/20/12 20:32	"	
Manganese	**0.075**	0.004	"	MEM	11/20/12 18:40	"	
Mercury	<0.30	0.30	ug/L	MEM	11/20/12 14:12	SW 7470A	
Nickel	**0.010**	0.010	mg/L	MEM	11/20/12 18:40	SW 6010B	
Potassium	**5.66**	0.040	"	MEM	"	"	
Selenium	<0.020	0.020	"	MEM	"	"	
Silver	<0.020	0.020	"	MEM	"	"	
Sodium	**60.0**	5.00	"	MEM	11/20/12 20:32	"	
Thallium	<0.040	0.040	"	MEM	11/20/12 18:40	"	
Vanadium	<0.004	0.004	"	MEM	"	"	
Zinc	<0.020	0.020	"	MEM	"	"	
VOA MS							
Benzene	<1.00	1.00	ug/L	VNS	11/20/12 06:42	SW 5030, 8260B	
Bromobenzene	<1.00	1.00	"	VNS	"	"	
Bromochloromethane	<1.00	1.00	"	VNS	"	"	
Bromodichloromethane	<1.00	1.00	"	VNS	"	"	
Bromoform	<1.00	1.00	"	VNS	"	"	
Bromomethane	<2.00	2.00	"	VNS	"	"	
sec-Butylbenzene	<1.00	1.00	"	VNS	"	"	
n-Butylbenzene	<1.00	1.00	"	VNS	"	"	
tert-Butylbenzene	<1.00	1.00	"	VNS	"	"	
Carbon Tetrachloride	<1.00	1.00	"	VNS	"	"	
Chlorobenzene	<1.00	1.00	"	VNS	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

MW-2

1211142-03 (Water)

Analytical Chemists Laboratory, LLC.

VOA MS

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Chloroethane	<1.00	1.00	ug/L	VNS	11/20/12 06:42	SW 5030, 8260B	
Chloroform	<1.00	1.00	"	VNS	"	"	
Chloromethane	<1.00	1.00	"	VNS	"	"	
2-Chlorotoluene	<2.00	2.00	"	VNS	"	"	
4-Chlorotoluene	<1.00	1.00	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	<1.00	1.00	"	VNS	"	"	
Dibromochloromethane	<1.00	1.00	"	VNS	"	"	
1,2-Dibromoethane	<1.00	1.00	"	VNS	"	"	
Dibromomethane	<1.00	1.00	"	VNS	"	"	
1,2-Dichlorobenzene	<1.00	1.00	"	VNS	"	"	
1,3-Dichlorobenzene	<1.00	1.00	"	VNS	"	"	
1,4-Dichlorobenzene	<1.00	1.00	"	VNS	"	"	
Dichlorodifluoromethane	<1.00	1.00	"	VNS	"	"	
1,1-Dichloroethane	<1.00	1.00	"	VNS	"	"	
1,2-Dichloroethane	<1.00	1.00	"	VNS	"	"	
1,1-Dichloroethene	<1.00	1.00	"	VNS	"	"	
cis-1,2-Dichloroethene	<1.00	1.00	"	VNS	"	"	
trans-1,2-Dichloroethene	<1.00	1.00	"	VNS	"	"	
1,3-Dichloropropane	<1.00	1.00	"	VNS	"	"	
2,2-Dichloropropane	<1.00	1.00	"	VNS	"	"	
1,2-Dichloropropane	<1.00	1.00	"	VNS	"	"	
trans-1,3-Dichloropropene	<1.00	1.00	"	VNS	"	"	
1,1-Dichloropropene	<1.00	1.00	"	VNS	"	"	
cis-1,3-Dichloropropene	<1.00	1.00	"	VNS	"	"	
Ethylbenzene	<1.00	1.00	"	VNS	"	"	
Hexachlorobutadiene	<1.00	1.00	"	VNS	"	"	
Isopropylbenzene	<1.00	1.00	"	VNS	"	"	
4-Isopropyltoluene	<1.00	1.00	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.00	1.00	"	VNS	"	"	
Methylene Chloride	<10.0	10.0	"	VNS	"	"	
n-Propylbenzene	<1.00	1.00	"	VNS	"	"	
Styrene	<1.00	1.00	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	<1.00	1.00	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	<1.00	1.00	"	VNS	"	"	
Tetrachloroethene	<1.00	1.00	"	VNS	"	"	
Toluene	<1.00	1.00	"	VNS	"	"	

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Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

MW-2

1211142-03 (Water)

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Analytical Chemists Laboratory, LLC.							
VOA MS							
1,2,3-Trichlorobenzene	<2.00	2.00	ug/L	VNS	11/20/12 06:42	SW 5030, 8260B	
1,1,1-Trichloroethane	<1.00	1.00	"	VNS	"	"	
1,1,2-Trichloroethane	<1.00	1.00	"	VNS	"	"	
Trichloroethene	<1.00	1.00	"	VNS	"	"	
Trichlorofluoromethane	<1.00	1.00	"	VNS	"	"	
1,2,3-Trichloropropane	<1.10	1.10	"	VNS	"	"	
1,2,4-Trimethylbenzene	<1.00	1.00	"	VNS	"	"	
1,3,5-Trimethylbenzene	<1.00	1.00	"	VNS	"	"	
Vinyl chloride	<1.00	1.00	"	VNS	"	"	
m,p-Xylene	<2.00	2.00	"	VNS	"	"	
o-Xylene	<1.00	1.00	"	VNS	"	"	
SVOA MS							
Acenaphthene	<3.00	3.00	ug/L	VM	11/20/12 02:02	SW 3510, 8270C	
Acenaphthylene	<3.00	3.00	"	VM	"	"	
Anthracene	<3.00	3.00	"	VM	"	"	
Benzo (a) anthracene	<3.00	3.00	"	VM	"	"	
Benzo (a) pyrene	<3.00	3.00	"	VM	"	"	
Benzo (b) fluoranthene	<3.00	3.00	"	VM	"	"	
Benzo (g,h,i) perylene	<3.00	3.00	"	VM	"	"	
Benzo (k) fluoranthene	<3.00	3.00	"	VM	"	"	
4-Bromophenyl phenyl ether	<3.00	3.00	"	VM	"	"	
Butyl benzyl phthalate	<4.00	4.00	"	VM	"	"	
4-Chloroaniline	<4.00	4.00	"	VM	"	"	
Bis(2-chloroethoxy)methane	<4.00	4.00	"	VM	"	"	
Bis(2-chloroethyl)ether	<4.00	4.00	"	VM	"	"	
Bis(2-chloroisopropyl)ether	<4.00	4.00	"	VM	"	"	
2-Chloronaphthalene	<3.00	3.00	"	VM	"	"	
4-Chlorophenyl phenyl ether	<3.00	3.00	"	VM	"	"	
Chrysene	<3.00	3.00	"	VM	"	"	
Dibenz (a,h) anthracene	<3.00	3.00	"	VM	"	"	
Di-n-butyl phthalate	<3.00	3.00	"	VM	"	"	
1,2-Dichlorobenzene	<3.00	3.00	"	VM	"	"	
1,4-Dichlorobenzene	<3.00	3.00	"	VM	"	"	
1,3-Dichlorobenzene	<3.00	3.00	"	VM	"	"	
3,3´-Dichlorobenzidine	<4.00	4.00	"	VM	"	"	

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

MW-2

1211142-03 (Water)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
SVOA MS							
Diethyl phthalate	<3.00	3.00	ug/L	VM	11/20/12 02:02	SW 3510, 8270C	
Dimethyl phthalate	<3.00	3.00	"	VM	"	"	
2,4-Dinitrotoluene	<3.00	3.00	"	VM	"	"	
2,6-Dinitrotoluene	<3.00	3.00	"	VM	"	"	
Di-n-octyl phthalate	<4.00	4.00	"	VM	"	"	
Bis(2-ethylhexyl)phthalate	<3.00	3.00	"	VM	"	"	
Fluoranthene	<3.00	3.00	"	VM	"	"	
Fluorene	<3.00	3.00	"	VM	"	"	
Hexachlorobenzene	<5.00	5.00	"	VM	"	"	
Hexachlorobutadiene	<3.00	3.00	"	VM	"	"	
Hexachlorocyclopentadiene	<6.00	6.00	"	VM	"	"	
Hexachloroethane	<4.00	4.00	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	<2.00	2.00	"	VM	"	"	
Isophorone	<2.00	2.00	"	VM	"	"	
2-Methylnaphthalene	<3.00	3.00	"	VM	"	"	
Naphthalene	<4.00	4.00	"	VM	"	"	
3-Nitroaniline	<3.00	3.00	"	VM	"	"	
2-Nitroaniline	<4.00	4.00	"	VM	"	"	
4-Nitroaniline	<3.00	3.00	"	VM	"	"	
Nitrobenzene	<3.00	3.00	"	VM	"	"	
N-Nitrosodiphenylamine	<5.00	5.00	"	VM	"	"	
N-Nitrosodi-n-propylamine	<5.00	5.00	"	VM	"	"	
Phenanthrene	<3.00	3.00	"	VM	"	"	
Pyrene	<3.00	3.00	"	VM	"	"	
1,2,4-Trichlorobenzene	<3.00	3.00	"	VM	"	"	

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

MW-2

1211142-03 (Water)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Pesticides							
alpha-BHC	<0.05	0.05	ug/L	NU	11/21/12 10:28	SW 3510, 8081	
alpha-Chlordane	<0.05	0.05	"	NU	"	"	
beta-BHC	<0.05	0.05	"	NU	"	"	
Aldrin	<0.05	0.05	"	NU	"	"	
gamma-BHC (Lindane)	<0.05	0.05	"	NU	"	"	
gamma-Chlordane	<0.05	0.05	"	NU	"	"	
Heptachlor	<0.05	0.05	"	NU	"	"	
Heptachlor epoxide	<0.05	0.05	"	NU	"	"	
delta-BHC	<0.05	0.05	"	NU	"	"	
Endosulfan I	<0.05	0.05	"	NU	"	"	
Endosulfan II	<0.05	0.05	"	NU	"	"	
Endosulfan sulfate	<0.05	0.05	"	NU	"	"	
Endrin	<0.05	0.05	"	NU	"	"	
Endrin aldehyde	<0.05	0.05	"	NU	"	"	
Endrin ketone	<0.05	0.05	"	NU	"	"	
4,4´-DDD	<0.05	0.05	"	NU	"	"	
4,4´-DDE	<0.05	0.05	"	NU	"	"	
4,4´-DDT	<0.05	0.05	"	NU	"	"	
Methoxychlor	<0.05	0.05	"	NU	"	"	
Dieldrin	<0.05	0.05	"	NU	"	"	
Chlordane (technical)	<0.50	0.50	"	NU	"	"	
Toxaphene	<2.50	2.50	"	NU	"	"	
PCB							
Aroclor 1016	<1.00	1.00	ug/L	NU	11/20/12 18:55	SW 3510, 8082	
Aroclor 1221	<1.00	1.00	"	NU	"	"	
Aroclor 1232	<1.00	1.00	"	NU	"	"	
Aroclor 1242	<0.500	0.500	"	NU	"	"	
Aroclor 1248	<1.00	1.00	"	NU	"	"	
Aroclor 1254	<1.00	1.00	"	NU	"	"	
Aroclor 1260	<0.400	0.400	"	NU	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

Field Blank

1211142-04 (Water)

Analytical Chemists Laboratory, LLC.

Total Metals

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Aluminum	<0.040	0.040	mg/L	MEM	11/20/12 17:32	SW 6010B	
Antimony	<0.040	0.040	"	MEM	"	"	
Arsenic	<0.040	0.040	"	MEM	"	"	
Barium	<0.004	0.004	"	MEM	"	"	
Beryllium	<0.004	0.004	"	MEM	"	"	
Cadmium	<0.020	0.020	"	MEM	"	"	
Calcium	<0.040	0.040	"	MEM	"	"	
Chromium	<0.020	0.020	"	MEM	"	"	
Hexavalent Chromium	<0.050	0.050	"	HT	11/20/12 08:22	SM 3500-Cr D	
Trivalent Chromium	<0.050	0.050	"	MEM	11/20/12 14:29	Calc	
Cobalt	<0.008	0.008	"	MEM	11/20/12 17:32	SW 6010B	
Copper	<0.004	0.004	"	MEM	"	"	
Iron	**0.070**	0.040	"	MEM	"	"	
Lead	<0.040	0.040	"	MEM	"	"	
Magnesium	<0.040	0.040	"	MEM	"	EPA 6010B	
Manganese	<0.004	0.004	"	MEM	"	SW 6010B	
Mercury	<0.30	0.30	ug/L	MEM	11/20/12 14:26	SW 7470A	
Nickel	<0.010	0.010	mg/L	MEM	11/20/12 17:32	SW 6010B	
Potassium	<0.040	0.040	"	MEM	"	"	
Selenium	<0.020	0.020	"	MEM	"	"	
Silver	<0.020	0.020	"	MEM	"	"	
Sodium	<0.100	0.100	"	MEM	"	"	
Thallium	<0.040	0.040	"	MEM	"	"	
Vanadium	<0.004	0.004	"	MEM	"	"	
Zinc	**0.020**	0.020	"	MEM	"	"	

Analytical Chemists Laboratory, LLC.

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

Field Blank

1211142-04 (Water)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Dissolved Metals							
Aluminum	<0.040	0.040	mg/L	MEM	11/20/12 18:46	SW 6010B	
Antimony	<0.040	0.040	"	MEM	"	"	
Arsenic	<0.040	0.040	"	MEM	"	"	
Barium	<0.004	0.004	"	MEM	"	"	
Beryllium	<0.004	0.004	"	MEM	"	"	
Cadmium	<0.020	0.020	"	MEM	"	"	
Calcium	**0.081**	0.040	"	MEM	"	"	
Chromium	<0.020	0.020	"	MEM	"	"	
Cobalt	<0.008	0.008	"	MEM	"	"	
Copper	<0.004	0.004	"	MEM	"	"	
Iron	**0.061**	0.040	"	MEM	"	"	B
Lead	<0.040	0.040	"	MEM	"	"	
Magnesium	<0.040	0.040	"	MEM	"	"	
Manganese	<0.004	0.004	"	MEM	"	"	
Mercury	<0.30	0.30	ug/L	MEM	11/20/12 14:14	SW 7470A	
Nickel	<0.010	0.010	mg/L	MEM	11/20/12 18:46	SW 6010B	
Potassium	<0.040	0.040	"	MEM	"	"	
Selenium	<0.020	0.020	"	MEM	"	"	
Silver	<0.020	0.020	"	MEM	"	"	
Sodium	**0.266**	0.100	"	MEM	"	"	
Thallium	<0.040	0.040	"	MEM	"	"	
Vanadium	<0.004	0.004	"	MEM	"	"	
Zinc	<0.020	0.020	"	MEM	"	"	
VOA MS							
Benzene	<1.00	1.00	ug/L	VNS	11/20/12 05:02	SW 5030, 8260B	
Bromobenzene	<1.00	1.00	"	VNS	"	"	
Bromochloromethane	<1.00	1.00	"	VNS	"	"	
Bromodichloromethane	<1.00	1.00	"	VNS	"	"	
Bromoform	<1.00	1.00	"	VNS	"	"	
Bromomethane	<2.00	2.00	"	VNS	"	"	
sec-Butylbenzene	<1.00	1.00	"	VNS	"	"	
n-Butylbenzene	<1.00	1.00	"	VNS	"	"	
tert-Butylbenzene	<1.00	1.00	"	VNS	"	"	
Carbon Tetrachloride	<1.00	1.00	"	VNS	"	"	
Chlorobenzene	<1.00	1.00	"	VNS	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

Field Blank

1211142-04 (Water)

Analytical Chemists Laboratory, LLC.

VOA MS

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Chloroethane	<1.00	1.00	ug/L	VNS	11/20/12 05:02	SW 5030, 8260B	
Chloroform	<1.00	1.00	"	VNS	"	"	
Chloromethane	<1.00	1.00	"	VNS	"	"	
2-Chlorotoluene	<2.00	2.00	"	VNS	"	"	
4-Chlorotoluene	<1.00	1.00	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	<1.00	1.00	"	VNS	"	"	
Dibromochloromethane	<1.00	1.00	"	VNS	"	"	
1,2-Dibromoethane	<1.00	1.00	"	VNS	"	"	
Dibromomethane	<1.00	1.00	"	VNS	"	"	
1,2-Dichlorobenzene	<1.00	1.00	"	VNS	"	"	
1,3-Dichlorobenzene	<1.00	1.00	"	VNS	"	"	
1,4-Dichlorobenzene	<1.00	1.00	"	VNS	"	"	
Dichlorodifluoromethane	<1.00	1.00	"	VNS	"	"	
1,1-Dichloroethane	<1.00	1.00	"	VNS	"	"	
1,2-Dichloroethane	<1.00	1.00	"	VNS	"	"	
1,1-Dichloroethene	<1.00	1.00	"	VNS	"	"	
cis-1,2-Dichloroethene	<1.00	1.00	"	VNS	"	"	
trans-1,2-Dichloroethene	<1.00	1.00	"	VNS	"	"	
1,3-Dichloropropane	<1.00	1.00	"	VNS	"	"	
2,2-Dichloropropane	<1.00	1.00	"	VNS	"	"	
1,2-Dichloropropane	<1.00	1.00	"	VNS	"	"	
trans-1,3-Dichloropropene	<1.00	1.00	"	VNS	"	"	
1,1-Dichloropropene	<1.00	1.00	"	VNS	"	"	
cis-1,3-Dichloropropene	<1.00	1.00	"	VNS	"	"	
Ethylbenzene	<1.00	1.00	"	VNS	"	"	
Hexachlorobutadiene	<1.00	1.00	"	VNS	"	"	
Isopropylbenzene	<1.00	1.00	"	VNS	"	"	
4-Isopropyltoluene	<1.00	1.00	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.00	1.00	"	VNS	"	"	
Methylene Chloride	<10.0	10.0	"	VNS	"	"	
n-Propylbenzene	<1.00	1.00	"	VNS	"	"	
Styrene	<1.00	1.00	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	<1.00	1.00	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	<1.00	1.00	"	VNS	"	"	
Tetrachloroethene	<1.00	1.00	"	VNS	"	"	
Toluene	<1.00	1.00	"	VNS	"	"	

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15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

Field Blank

1211142-04 (Water)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
1,2,3-Trichlorobenzene	<2.00	2.00	ug/L	VNS	11/20/12 05:02	SW 5030, 8260B	
1,1,1-Trichloroethane	<1.00	1.00	"	VNS	"	"	
1,1,2-Trichloroethane	<1.00	1.00	"	VNS	"	"	
Trichloroethene	<1.00	1.00	"	VNS	"	"	
Trichlorofluoromethane	<1.00	1.00	"	VNS	"	"	
1,2,3-Trichloropropane	<1.10	1.10	"	VNS	"	"	
1,2,4-Trimethylbenzene	<1.00	1.00	"	VNS	"	"	
1,3,5-Trimethylbenzene	<1.00	1.00	"	VNS	"	"	
Vinyl chloride	<1.00	1.00	"	VNS	"	"	
o-Xylene	<1.00	1.00	"	VNS	"	"	
m,p-Xylene	<2.00	2.00	"	VNS	"	"	
SVOA MS							
Acenaphthene	<3.00	3.00	ug/L	VM	11/20/12 02:31	SW 3510, 8270C	
Acenaphthylene	<3.00	3.00	"	VM	"	"	
Anthracene	<3.00	3.00	"	VM	"	"	
Benzo (a) anthracene	<3.00	3.00	"	VM	"	"	
Benzo (a) pyrene	<3.00	3.00	"	VM	"	"	
Benzo (b) fluoranthene	<3.00	3.00	"	VM	"	"	
Benzo (g,h,i) perylene	<3.00	3.00	"	VM	"	"	
Benzo (k) fluoranthene	<3.00	3.00	"	VM	"	"	
4-Bromophenyl phenyl ether	<3.00	3.00	"	VM	"	"	
Butyl benzyl phthalate	<4.00	4.00	"	VM	"	"	
4-Chloroaniline	<4.00	4.00	"	VM	"	"	
Bis(2-chloroethoxy)methane	<4.00	4.00	"	VM	"	"	
Bis(2-chloroethyl)ether	<4.00	4.00	"	VM	"	"	
Bis(2-chloroisopropyl)ether	<4.00	4.00	"	VM	"	"	
2-Chloronaphthalene	<3.00	3.00	"	VM	"	"	
4-Chlorophenyl phenyl ether	<3.00	3.00	"	VM	"	"	
Chrysene	<3.00	3.00	"	VM	"	"	
Dibenz (a,h) anthracene	<3.00	3.00	"	VM	"	"	
Di-n-butyl phthalate	<3.00	3.00	"	VM	"	"	
1,2-Dichlorobenzene	<3.00	3.00	"	VM	"	"	
1,4-Dichlorobenzene	<3.00	3.00	"	VM	"	"	
1,3-Dichlorobenzene	<3.00	3.00	"	VM	"	"	
3,3´-Dichlorobenzidine	<4.00	4.00	"	VM	"	"	

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Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

Field Blank

1211142-04 (Water)

Analytical Chemists Laboratory, LLC.

SVOA MS

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Diethyl phthalate	<3.00	3.00	ug/L	VM	11/20/12 02:31	SW 3510, 8270C	
Dimethyl phthalate	<3.00	3.00	"	VM	"	"	
2,4-Dinitrotoluene	<3.00	3.00	"	VM	"	"	
2,6-Dinitrotoluene	<3.00	3.00	"	VM	"	"	
Di-n-octyl phthalate	<4.00	4.00	"	VM	"	"	
Bis(2-ethylhexyl)phthalate	<3.00	3.00	"	VM	"	"	
Fluoranthene	<3.00	3.00	"	VM	"	"	
Fluorene	<3.00	3.00	"	VM	"	"	
Hexachlorobenzene	<5.00	5.00	"	VM	"	"	
Hexachlorobutadiene	<3.00	3.00	"	VM	"	"	
Hexachlorocyclopentadiene	<6.00	6.00	"	VM	"	"	
Hexachloroethane	<4.00	4.00	"	VM	"	"	
Indeno (1,2,3-cd) pyrene	<2.00	2.00	"	VM	"	"	
Isophorone	<2.00	2.00	"	VM	"	"	
2-Methylnaphthalene	<3.00	3.00	"	VM	"	"	
Naphthalene	<4.00	4.00	"	VM	"	"	
3-Nitroaniline	<3.00	3.00	"	VM	"	"	
2-Nitroaniline	<4.00	4.00	"	VM	"	"	
4-Nitroaniline	<3.00	3.00	"	VM	"	"	
Nitrobenzene	<3.00	3.00	"	VM	"	"	
N-Nitrosodiphenylamine	<5.00	5.00	"	VM	"	"	
N-Nitrosodi-n-propylamine	<5.00	5.00	"	VM	"	"	
Phenanthrene	<3.00	3.00	"	VM	"	"	
Pyrene	<3.00	3.00	"	VM	"	"	
1,2,4-Trichlorobenzene	<3.00	3.00	"	VM	"	"	

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15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

Field Blank

1211142-04 (Water)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Pesticides							
alpha-BHC	<0.05	0.05	ug/L	NU	11/21/12 10:28	SW 3510, 8081	
alpha-Chlordane	<0.05	0.05	"	NU	"	"	
beta-BHC	<0.05	0.05	"	NU	"	"	
Aldrin	<0.05	0.05	"	NU	"	"	
gamma-BHC (Lindane)	<0.05	0.05	"	NU	"	"	
gamma-Chlordane	<0.05	0.05	"	NU	"	"	
Heptachlor	<0.05	0.05	"	NU	"	"	
Heptachlor epoxide	<0.05	0.05	"	NU	"	"	
delta-BHC	<0.05	0.05	"	NU	"	"	
Endosulfan I	<0.05	0.05	"	NU	"	"	
Endosulfan II	<0.05	0.05	"	NU	"	"	
Endosulfan sulfate	<0.05	0.05	"	NU	"	"	
Endrin	<0.05	0.05	"	NU	"	"	
Endrin aldehyde	<0.05	0.05	"	NU	"	"	
Endrin ketone	<0.05	0.05	"	NU	"	"	
4,4´-DDD	<0.05	0.05	"	NU	"	"	
4,4´-DDE	<0.05	0.05	"	NU	"	"	
4,4´-DDT	<0.05	0.05	"	NU	"	"	
Methoxychlor	<0.05	0.05	"	NU	"	"	
Dieldrin	<0.05	0.05	"	NU	"	"	
Chlordane (technical)	<0.50	0.50	"	NU	"	"	
Toxaphene	<2.50	2.50	"	NU	"	"	
PCB							
Aroclor 1016	<1.00	1.00	ug/L	NU	11/20/12 19:13	SW 3510, 8082	
Aroclor 1221	<1.00	1.00	"	NU	"	"	
Aroclor 1232	<1.00	1.00	"	NU	"	"	
Aroclor 1242	<0.500	0.500	"	NU	"	"	
Aroclor 1248	<1.00	1.00	"	NU	"	"	
Aroclor 1254	<1.00	1.00	"	NU	"	"	
Aroclor 1260	<0.400	0.400	"	NU	"	"	

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

All results are based on the sample 'As Received' by the laboratory and no endorsement of the sample integrity prior to sample receipt is implied or given unless collected by laboratory employees. Report must be reproduced in its entirety.

ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

Trip Blank

1211142-05 (Water)

Analytical Chemists Laboratory, LLC.

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
VOA MS							
Benzene	<1.00	1.00	ug/L	VNS	11/20/12 04:29	SW 5030, 8260B	
Bromobenzene	<1.00	1.00	"	VNS	"	"	
Bromochloromethane	<1.00	1.00	"	VNS	"	"	
Bromodichloromethane	<1.00	1.00	"	VNS	"	"	
Bromoform	<1.00	1.00	"	VNS	"	"	
Bromomethane	<2.00	2.00	"	VNS	"	"	
sec-Butylbenzene	<1.00	1.00	"	VNS	"	"	
n-Butylbenzene	<1.00	1.00	"	VNS	"	"	
tert-Butylbenzene	<1.00	1.00	"	VNS	"	"	
Carbon Tetrachloride	<1.00	1.00	"	VNS	"	"	
Chlorobenzene	<1.00	1.00	"	VNS	"	"	
Chloroethane	<1.00	1.00	"	VNS	"	"	
Chloroform	<1.00	1.00	"	VNS	"	"	
Chloromethane	<1.00	1.00	"	VNS	"	"	
2-Chlorotoluene	<2.00	2.00	"	VNS	"	"	
4-Chlorotoluene	<1.00	1.00	"	VNS	"	"	
1,2-Dibromo-3-chloropropane	<1.00	1.00	"	VNS	"	"	
Dibromochloromethane	<1.00	1.00	"	VNS	"	"	
1,2-Dibromoethane	<1.00	1.00	"	VNS	"	"	
Dibromomethane	<1.00	1.00	"	VNS	"	"	
1,2-Dichlorobenzene	<1.00	1.00	"	VNS	"	"	
1,3-Dichlorobenzene	<1.00	1.00	"	VNS	"	"	
1,4-Dichlorobenzene	<1.00	1.00	"	VNS	"	"	
Dichlorodifluoromethane	<1.00	1.00	"	VNS	"	"	
1,1-Dichloroethane	<1.00	1.00	"	VNS	"	"	
1,2-Dichloroethane	<1.00	1.00	"	VNS	"	"	
1,1-Dichloroethene	<1.00	1.00	"	VNS	"	"	
cis-1,2-Dichloroethene	<1.00	1.00	"	VNS	"	"	
trans-1,2-Dichloroethene	<1.00	1.00	"	VNS	"	"	
1,3-Dichloropropane	<1.00	1.00	"	VNS	"	"	
2,2-Dichloropropane	<1.00	1.00	"	VNS	"	"	
1,2-Dichloropropane	<1.00	1.00	"	VNS	"	"	
trans-1,3-Dichloropropene	<1.00	1.00	"	VNS	"	"	
1,1-Dichloropropene	<1.00	1.00	"	VNS	"	"	
cis-1,3-Dichloropropene	<1.00	1.00	"	VNS	"	"	
Ethylbenzene	<1.00	1.00	"	VNS	"	"	

Analytical Chemists Laboratory, LLC.

Michael E. Miller, Ph.D.

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ANALYTICAL CHEMISTS Laboratory

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

Trip Blank

1211142-05 (Water)

Analytical Chemists Laboratory, LLC.

VOA MS

Analyte	Result	Reporting Limit	Units	Analyst	Analyzed	Method	Qualifier
Hexachlorobutadiene	<1.00	1.00	ug/L	VNS	11/20/12 04:29	SW 5030, 8260B	
Isopropylbenzene	<1.00	1.00	"	VNS	"	"	
4-Isopropyltoluene	<1.00	1.00	"	VNS	"	"	
Methyl-tert-Butyl Ether	<1.00	1.00	"	VNS	"	"	
Methylene Chloride	<10.0	10.0	"	VNS	"	"	
n-Propylbenzene	<1.00	1.00	"	VNS	"	"	
Styrene	<1.00	1.00	"	VNS	"	"	
1,1,2,2-Tetrachloroethane	<1.00	1.00	"	VNS	"	"	
1,1,1,2-Tetrachloroethane	<1.00	1.00	"	VNS	"	"	
Tetrachloroethene	<1.00	1.00	"	VNS	"	"	
Toluene	<1.00	1.00	"	VNS	"	"	
1,2,3-Trichlorobenzene	<2.00	2.00	"	VNS	"	"	
1,1,1-Trichloroethane	<1.00	1.00	"	VNS	"	"	
1,1,2-Trichloroethane	<1.00	1.00	"	VNS	"	"	
Trichloroethene	<1.00	1.00	"	VNS	"	"	
Trichlorofluoromethane	<1.00	1.00	"	VNS	"	"	
1,2,3-Trichloropropane	<1.10	1.10	"	VNS	"	"	
1,2,4-Trimethylbenzene	<1.00	1.00	"	VNS	"	"	
1,3,5-Trimethylbenzene	<1.00	1.00	"	VNS	"	"	
Vinyl chloride	<1.00	1.00	"	VNS	"	"	
m,p-Xylene	<2.00	2.00	"	VNS	"	"	
o-Xylene	<1.00	1.00	"	VNS	"	"	

ANALYTICAL CHEMISTS

59-01 Central Ave.
Farmingdale, NY 11735
Tel: (631) 414-7685
Fax: (631) 414-7688

Hydro Tech Environmental	Project: 409-504 Myrtle Ave, Brooklyn, NY	
15 Ocean Avenue, 2nd Floor	Project Number: [none]	**Reported:**
Brooklyn NY, 11225	Project Manager: Paul Matli	11/21/12 11:17

Notes and Definitions

QM-08	Quality control samples indicate high bias, however the results are well below applicable limits and data was therefore accepted.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QB-01	The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.
B	Analyte is found in the associated blank as well as in the sample.
SM	Standard Methods for the Examination of Water and Wastewater , 18th edition.
EPA	40 Code of Federal Regulations, Part 136, October 26, 1984.
SW	SW 846 3rd Edition.
LT	Lachat Method Manual, "*Methods List for Automated Ion Analyzers*" ,February 2004.
dry	Sample results reported on a dry weight basis.

121142

CHAIN OF CUSTODY RECORD

ANALYTICAL CHEMISTS
Ac Laboratory
59-01 Central Ave. * Farmingdale, NY 11735
Tel: (631) 414-7685 * Fax: (631) 414-7688
Info@achemlabs.com * achemlabs.com
NYSDOH #10950 NJDEP #NY006 USEPA #NY01292

Client Name: Hydro Tech Env. Corp.
Address: 15 Ocan Avenue, 2Fl
City/State/Zip: Brooklyn , NY 11225
Telephone No.: 718-636-0800 Fax 7178-636-090

Report To: Paul I. Matli
P.O. Number: 5420
Project ID: 409-504 Myrtle Ave Bklyn NY
Results Needed: ~~24~~ hours TAT
Rush T/A Only

Matrix Codes: W-Water, WW-Wastewater, GW-Groundwater S-Soil, SL-Sludge, SD-Solid, O-Oil, P-Paint Chips, WP-Wipe

Preservative Code: N-Nitric Acid, S-Sulfuric Acid, H-Hydrochloric Acid, SA-Soduim Hydroxide/Ascorbic Acid

Sample ID / Description	Date Sampled	Time Sampled	Matrix Code	Grab	Composite	# of containers: Plastic Bottles 2 (N)	Glass Jar 2	VOA Vial 2 (H)	Plastic Bag	Other (specify):	Analyze For: EPA 8260	EPA 8270B	EPA 8081	EPA 8082	TAL Metal (Dis)	TAL Metal (Tot)	Chromium 6+	Chromium Total		
MW-1	11/19	AM	GW	↑		↑	↑	↑			↑	↑	↑	↑	↑	↑	↑	↑		
MW-1A	↓	↓	↓	↓		↓	↓	↓			↓	↓	↓	↓	↓	↓	↓	↓		
MW-2	↑	↓	DI			↓	↓	↓			↓	↓	↓	↓	↓	↓	↓	↓		
Field Blank	↓	↓	DI																	
Trip Blank																				

Special Instructions:
- provide lab results in PDF, Excel + EDD.
- compare data to NYSDEC GA standards in Excel file

Sampled by: Alvin Chave [redacted]	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: [signature]	11/19/12	5:00 PM

Laboratory Comments:

Temperature Upon Receipt: ____
Samples Received On Ice? Y N
Sample Containers Intact? Y N
Samples Properly Preserved? Y N
VOCs Free of Headspace? Y N

APPENDIX-I
LABORATORY DATA DELIVERABLES FOR SOIL VAPOR ANALYTICAL DATA

B3969

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

CHEMTECH Project No. :

Client Contact Information	Bottle Order ID : **B1010075**	Courier :	_____ of _____ COCs
Client ID : **WARR01** Project ID : **1661.01.02**		Sampler Name(s) :	Analysis / Matrix
Customer Name : **Warren & Panzer Engineers**	Project Manager : **BRYAN SHAW**	AIR ANALYSIS CHAIN-OF-CUSTODY	
	Phone Number : **212-922-0077**		
Address : **228 East 45th Street**	Fax Number : **2129220630**		
10th Floor	Site Details:		
City : **New York**			
State : **NY**	Analysis Turnaround Time		
Zip Code : **10017-**	Standard : **15 business days**	Data Package Type :	
Country :	Rush (Specify): Same **Days**	EDD Type : X	

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout (ml/min)	Can Cert ID	TO-15				Indoor/Ambinet Air	Soil Gas		
SSA S	10/21/10	0918	1404	30	10-5	65	65	-30		10581	10588	6 L	16.67	VM007885.D	X							

	Temperature (Fahrenheit)			
	Ambient	Maximum	Minimum	
Start				
Stop				

	Pressure (Inches of Hg)			
	Ambient	Maximum	Minimum	
Start				
Stop				

GC/MS Analyst Signature (TO-15) Syesilyut.

** Submittal of this COC indicates approval of the analysis based on existing conditions.

Please follow the instructions on the back of this COC.

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium Low PID Readings:

Sampling site (State):

Quick Connector required : No

Canisters Shiped by: Syesilyut	Date/Time: 10/13/10	Canisters Received by:	Date/Time:
Samples Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time: 10/21/10 1520	Received by: Chris Ar.	Date/Time:

B1010075 - 1

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Warren & Panzer Engineers	Date Collected:	10/21/10
Project:	1661.01.02 AIR	Date Received:	10/21/10
Client Sample ID:	SSAS	SDG No.:	B3969
Lab Sample ID:	B3969-01	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VM008473.D	1		10/22/10	VM102210

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	RL	MDL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.23	1.14	J	0.5	0.04	ppbv
75-65-0	tert-butyl alcohol	0.23	0.697	J	0.5	0.1	ppbv
74-87-3	Chloromethane	0.26	0.537	J	0.5	0.06	ppbv
80-62-6	Methyl Methacrylate	0.1	0.409	U	0.5	0.1	ppbv
75-01-4	Vinyl Chloride	0.07	0.179	U	0.5	0.07	ppbv
74-83-9	Bromomethane	0.03	0.116	U	0.5	0.03	ppbv
75-00-3	Chloroethane	0.13	0.343	J	0.5	0.07	ppbv
75-69-4	Trichlorofluoromethane	0.52	2.92		0.5	0.04	ppbv
76-14-2	Dichlorotetrafluoroethane	0.04	0.28	U	0.5	0.04	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.08	0.613	J	0.5	0.04	ppbv
593-60-2	Bromoethene	0.03	0.131	U	0.5	0.03	ppbv
142-82-5	Heptane	0.92	3.77		0.5	0.06	ppbv
75-35-4	1,1-Dichloroethene	0.05	0.198	U	0.5	0.05	ppbv
67-64-1	Acetone	68	161	E	0.5	0.1	ppbv
75-15-0	Carbon Disulfide	3.5	10.9		0.5	0.05	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.05	0.18	U	0.5	0.05	ppbv
75-09-2	Methylene Chloride	0.22	0.764	J	0.5	0.05	ppbv
107-05-1	Allyl Chloride	0.05	0.157	U	0.5	0.05	ppbv
156-60-5	trans-1,2-Dichloroethene	0.85	3.37		0.5	0.06	ppbv
75-34-3	1,1-Dichloroethane	0.04	0.162	U	0.5	0.04	ppbv
110-82-7	Cyclohexane	0.19	0.654	J	0.5	0.08	ppbv
78-93-3	2-Butanone	7.1	20.8		0.5	0.1	ppbv
56-23-5	Carbon Tetrachloride	0.05	0.315	J	0.5	0.04	ppbv
156-59-2	cis-1,2-Dichloroethene	0.06	0.238	U	0.5	0.06	ppbv
67-66-3	Chloroform	0.53	2.59		0.5	0.02	ppbv
123-91-1	1,4-Dioxane	0.09	0.324	U	0.5	0.09	ppbv
71-55-6	1,1,1-Trichloroethane	0.04	0.218	U	0.5	0.04	ppbv
109-99-9	Tetrahydrofuran	0.08	0.236	U	0.5	0.08	ppbv
540-84-1	2,2,4-Trimethylpentane	0.23	1.07	J	0.5	0.04	ppbv
71-43-2	Benzene	3.8	12.1		0.5	0.04	ppbv
107-06-2	1,2-Dichloroethane	0.07	0.283	U	0.5	0.07	ppbv
79-01-6	Trichloroethene	0.11	0.591	J	0.5	0.04	ppbv
78-87-5	1,2-Dichloropropane	0.06	0.277	U	0.5	0.06	ppbv
75-27-4	Bromodichloromethane	0.05	0.335	U	0.5	0.05	ppbv
108-10-1	4-Methyl-2-Pentanone	0.52	2.13		0.5	0.06	ppbv
108-88-3	Toluene	5.8	21.7		0.5	0.05	ppbv
10061-02-6	t-1,3-Dichloropropene	0.07	0.318	U	0.5	0.07	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.06	0.272	U	0.5	0.06	ppbv

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Warren & Panzer Engineers	Date Collected:	10/21/10
Project:	1661.01.02 AIR	Date Received:	10/21/10
Client Sample ID:	SSAS	SDG No.:	B3969
Lab Sample ID:	B3969-01	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VM008473.D	1		10/22/10	VM102210

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	RL	MDL	Units
79-00-5	1,1,2-Trichloroethane	0.08	0.436	U	0.5	0.08	ppbv
124-48-1	Dibromochloromethane	0.05	0.426	U	0.5	0.05	ppbv
106-93-4	1,2-Dibromoethane	0.07	0.538	U	0.5	0.07	ppbv
127-18-4	Tetrachloroethene	10	69.8		0.5	0.03	ppbv
108-90-7	Chlorobenzene	0.09	0.414	U	0.5	0.09	ppbv
100-41-4	Ethyl Benzene	0.56	2.43		0.5	0.08	ppbv
179601-23-1	m/p-Xylene	1.2	5.21		1	0.11	ppbv
95-47-6	o-Xylene	0.46	2.00	J	0.5	0.07	ppbv
100-42-5	Styrene	0.51	2.17		0.5	0.07	ppbv
75-25-2	Bromoform	0.05	0.517	U	0.5	0.05	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.687	U	0.5	0.1	ppbv
95-49-8	2-Chlorotoluene	0.1	0.518	U	0.5	0.1	ppbv
108-67-8	1,3,5-Trimethylbenzene	0.17	0.836	J	0.5	0.09	ppbv
95-63-6	1,2,4-Trimethylbenzene	0.59	2.90		0.5	0.1	ppbv
622-96-8	4-Ethyltoluene	0.16	0.787	J	0.5	0.08	ppbv
541-73-1	1,3-Dichlorobenzene	0.08	0.481	U	0.5	0.08	ppbv
106-46-7	1,4-Dichlorobenzene	0.09	0.541	J	0.5	0.06	ppbv
95-50-1	1,2-Dichlorobenzene	0.07	0.421	U	0.5	0.07	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.08	0.594	J	0.5	0.04	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.08	0.853	U	0.5	0.08	ppbv
106-99-0	1,3-Butadiene	0.09	0.199	U	0.5	0.09	ppbv
110-54-3	Hexane	1.6	5.50		0.5	0.04	ppbv
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.82			98%	65 - 135	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	864639		6.08			
540-36-3	1,4-Difluorobenzene	2089940		7.75			
3114-55-4	Chlorobenzene-d5	2102380		13.14			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Warren & Panzer Engineers	Date Collected:	10/21/10
Project:	1661.01.02 AIR	Date Received:	10/21/10
Client Sample ID:	SSASDL	SDG No.:	B3969
Lab Sample ID:	B3969-01DL	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VM008479.D	10		10/22/10	VM102210

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	RL	MDL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.4	1.98	U	5	0.4	ppbv
75-65-0	tert-butyl alcohol	1	3.03	U	5	1	ppbv
74-87-3	Chloromethane	0.6	1.24	U	5	0.6	ppbv
80-62-6	Methyl Methacrylate	1	4.10	U	5	1	ppbv
75-01-4	Vinyl Chloride	0.7	1.79	U	5	0.7	ppbv
74-83-9	Bromomethane	0.3	1.16	U	5	0.3	ppbv
75-00-3	Chloroethane	0.7	1.85	U	5	0.7	ppbv
75-69-4	Trichlorofluoromethane	0.4	2.25	U	5	0.4	ppbv
76-14-2	Dichlorotetrafluoroethane	0.4	2.80	U	5	0.4	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.4	3.07	U	5	0.4	ppbv
593-60-2	Bromoethene	0.3	1.31	U	5	0.3	ppbv
142-82-5	Heptane	0.6	2.46	U	5	0.6	ppbv
75-35-4	1,1-Dichloroethene	0.5	1.98	U	5	0.5	ppbv
67-64-1	Acetone	46	110	D	5	1	ppbv
75-15-0	Carbon Disulfide	2.3	7.16	JD	5	0.5	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.5	1.80	U	5	0.5	ppbv
75-09-2	Methylene Chloride	0.5	1.74	U	5	0.5	ppbv
107-05-1	Allyl Chloride	0.5	1.56	U	5	0.5	ppbv
156-60-5	trans-1,2-Dichloroethene	0.6	2.38	U	5	0.6	ppbv
75-34-3	1,1-Dichloroethane	0.4	1.62	U	5	0.4	ppbv
110-82-7	Cyclohexane	0.8	2.75	U	5	0.8	ppbv
78-93-3	2-Butanone	4.5	13.3	JD	5	1	ppbv
56-23-5	Carbon Tetrachloride	0.4	2.52	U	5	0.4	ppbv
156-59-2	cis-1,2-Dichloroethene	0.6	2.38	U	5	0.6	ppbv
67-66-3	Chloroform	0.2	0.977	U	5	0.2	ppbv
123-91-1	1,4-Dioxane	0.9	3.24	U	5	0.9	ppbv
71-55-6	1,1,1-Trichloroethane	0.4	2.18	U	5	0.4	ppbv
109-99-9	Tetrahydrofuran	0.8	2.36	U	5	0.8	ppbv
540-84-1	2,2,4-Trimethylpentane	0.4	1.87	U	5	0.4	ppbv
71-43-2	Benzene	2.3	7.35	JD	5	0.4	ppbv
107-06-2	1,2-Dichloroethane	0.7	2.83	U	5	0.7	ppbv
79-01-6	Trichloroethene	0.4	2.15	U	5	0.4	ppbv
78-87-5	1,2-Dichloropropane	0.6	2.77	U	5	0.6	ppbv
75-27-4	Bromodichloromethane	0.5	3.35	U	5	0.5	ppbv
108-10-1	4-Methyl-2-Pentanone	0.6	2.46	U	5	0.6	ppbv
108-88-3	Toluene	3.3	12.4	JD	5	0.5	ppbv
10061-02-6	t-1,3-Dichloropropene	0.7	3.18	U	5	0.7	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.6	2.72	U	5	0.6	ppbv

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Warren & Panzer Engineers	Date Collected:	10/21/10
Project:	1661.01.02 AIR	Date Received:	10/21/10
Client Sample ID:	SSASDL	SDG No.:	B3969
Lab Sample ID:	B3969-01DL	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VM008479.D	10		10/22/10	VM102210

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	RL	MDL	Units
79-00-5	1,1,2-Trichloroethane	0.8	4.36	U	5	0.8	ppbv
124-48-1	Dibromochloromethane	0.5	4.26	U	5	0.5	ppbv
106-93-4	1,2-Dibromoethane	0.7	5.38	U	5	0.7	ppbv
127-18-4	Tetrachloroethene	5.6	38.0	D	5	0.3	ppbv
108-90-7	Chlorobenzene	0.9	4.14	U	5	0.9	ppbv
100-41-4	Ethyl Benzene	0.8	3.48	U	5	0.8	ppbv
179601-23-1	m/p-Xylene	1.1	4.78	U	10	1.1	ppbv
95-47-6	o-Xylene	0.7	3.04	U	5	0.7	ppbv
100-42-5	Styrene	0.7	2.98	U	5	0.7	ppbv
75-25-2	Bromoform	0.5	5.17	U	5	0.5	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	1	6.87	U	5	1	ppbv
95-49-8	2-Chlorotoluene	1	5.18	U	5	1	ppbv
108-67-8	1,3,5-Trimethylbenzene	0.9	4.42	U	5	0.9	ppbv
95-63-6	1,2,4-Trimethylbenzene	1	4.92	U	5	1	ppbv
622-96-8	4-Ethyltoluene	0.8	3.93	U	5	0.8	ppbv
541-73-1	1,3-Dichlorobenzene	0.8	4.81	U	5	0.8	ppbv
106-46-7	1,4-Dichlorobenzene	0.6	3.61	U	5	0.6	ppbv
95-50-1	1,2-Dichlorobenzene	0.7	4.21	U	5	0.7	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.4	2.97	U	5	0.4	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.8	8.53	U	5	0.8	ppbv
106-99-0	1,3-Butadiene	0.9	1.99	U	5	0.9	ppbv
110-54-3	Hexane	1.1	3.88	JD	5	0.4	ppbv
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.69			97%	65 - 135	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	1225130		6.08			
540-36-3	1,4-Difluorobenzene	2949490		7.75			
3114-55-4	Chlorobenzene-d5	2483790		13.14			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

AIR

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified
Lab Number: L1115166
Report Date: 09/29/11

SAMPLE RESULTS

Lab ID: L1115166-01 D
Client ID: SSV-1
Sample Location: BROOKLYN, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/26/11 21:54
Analyst: BS

Date Collected: 09/21/11 18:21
Date Received: 09/22/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Propylene	ND	2.50	--	ND	4.30	--		5
Dichlorodifluoromethane	1.05	1.00	--	5.19	4.94	--		5
Chloromethane	ND	1.00	--	ND	2.06	--		5
Freon-114	ND	1.00	--	ND	6.99	--		5
Vinyl chloride	ND	1.00	--	ND	2.56	--		5
1,3-Butadiene	ND	1.00	--	ND	2.21	--		5
Bromomethane	ND	1.00	--	ND	3.88	--		5
Chloroethane	ND	1.00	--	ND	2.64	--		5
Ethanol	ND	12.5	--	ND	23.6	--		5
Vinyl bromide	ND	1.00	--	ND	4.37	--		5
Acetone	31.6	5.00	--	75.1	11.9	--		5
Trichlorofluoromethane	ND	1.00	--	ND	5.62	--		5
Isopropanol	2.95	2.50	--	7.25	6.14	--		5
1,1-Dichloroethene	ND	1.00	--	ND	3.96	--		5
Methylene chloride	ND	5.00	--	ND	17.4	--		5
3-Chloropropene	ND	1.00	--	ND	3.13	--		5
Carbon disulfide	ND	1.00	--	ND	3.11	--		5
Freon-113	ND	1.00	--	ND	7.66	--		5
trans-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5
1,1-Dichloroethane	ND	1.00	--	ND	4.05	--		5
Methyl tert butyl ether	ND	1.00	--	ND	3.60	--		5
Vinyl acetate	1.50	1.00	--	5.28	3.52	--		5
2-Butanone	4.40	1.00	--	13.0	2.95	--		5
cis-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified
Lab Number: L1115166
Report Date: 09/29/11

SAMPLE RESULTS

Lab ID: L1115166-01 D
Client ID: SSV-1
Sample Location: BROOKLYN, NY
Date Collected: 09/21/11 18:21
Date Received: 09/22/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Ethyl Acetate	ND	2.50	--	ND	9.01	--		5
Chloroform	6.65	1.00	--	32.5	4.88	--		5
Tetrahydrofuran	ND	1.00	--	ND	2.95	--		5
1,2-Dichloroethane	ND	1.00	--	ND	4.05	--		5
n-Hexane	ND	1.00	--	ND	3.52	--		5
1,1,1-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Benzene	ND	1.00	--	ND	3.19	--		5
Carbon tetrachloride	ND	1.00	--	ND	6.29	--		5
Cyclohexane	ND	1.00	--	ND	3.44	--		5
1,2-Dichloropropane	ND	1.00	--	ND	4.62	--		5
Bromodichloromethane	ND	1.00	--	ND	6.70	--		5
1,4-Dioxane	ND	1.00	--	ND	3.60	--		5
Trichloroethene	ND	1.00	--	ND	5.37	--		5
2,2,4-Trimethylpentane	ND	1.00	--	ND	4.67	--		5
Heptane	1.52	1.00	--	6.23	4.10	--		5
cis-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
4-Methyl-2-pentanone	ND	1.00	--	ND	4.10	--		5
trans-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
1,1,2-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Toluene	ND	1.00	--	ND	3.77	--		5
2-Hexanone	ND	1.00	--	ND	4.10	--		5
Dibromochloromethane	ND	1.00	--	ND	8.52	--		5
1,2-Dibromoethane	ND	1.00	--	ND	7.68	--		5
Tetrachloroethene	38.0	1.00	--	258	6.78	--		5
Chlorobenzene	ND	1.00	--	ND	4.60	--		5
Ethylbenzene	ND	1.00	--	ND	4.34	--		5
p/m-Xylene	ND	2.00	--	ND	8.69	--		5

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified
Lab Number: L1115166
Report Date: 09/29/11

SAMPLE RESULTS

Lab ID: L1115166-01 D
Client ID: SSV-1
Sample Location: BROOKLYN, NY
Date Collected: 09/21/11 18:21
Date Received: 09/22/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Bromoform	ND	1.00	--	ND	10.3	--		5
Styrene	ND	1.00	--	ND	4.26	--		5
1,1,2,2-Tetrachloroethane	ND	1.00	--	ND	6.87	--		5
o-Xylene	ND	1.00	--	ND	4.34	--		5
4-Ethyltoluene	ND	1.00	--	ND	4.92	--		5
1,3,5-Trimethybenzene	ND	1.00	--	ND	4.92	--		5
1,2,4-Trimethylbenzene	ND	1.00	--	ND	4.92	--		5
Benzyl chloride	ND	1.00	--	ND	5.18	--		5
1,3-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,4-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2,4-Trichlorobenzene	ND	1.00	--	ND	7.42	--		5
Hexachlorobutadiene	ND	1.00	--	ND	10.7	--		5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	77		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	82		60-140

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified
Lab Number: L1115166
Report Date: 09/29/11

SAMPLE RESULTS

Lab ID: L1115166-02 D
Client ID: SSV-2
Sample Location: BROOKLYN, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/26/11 22:31
Analyst: BS

Date Collected: 09/21/11 18:05
Date Received: 09/22/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Propylene	ND	16.1	--	ND	27.7	--		32.2
Dichlorodifluoromethane	ND	6.44	--	ND	31.8	--		32.2
Chloromethane	ND	6.44	--	ND	13.3	--		32.2
Freon-114	ND	6.44	--	ND	45.0	--		32.2
Vinyl chloride	ND	6.44	--	ND	16.5	--		32.2
1,3-Butadiene	ND	6.44	--	ND	14.2	--		32.2
Bromomethane	ND	6.44	--	ND	25.0	--		32.2
Chloroethane	ND	6.44	--	ND	17.0	--		32.2
Ethanol	ND	80.5	--	ND	152	--		32.2
Vinyl bromide	ND	6.44	--	ND	28.2	--		32.2
Acetone	42.6	32.2	--	101	76.5	--		32.2
Trichlorofluoromethane	ND	6.44	--	ND	36.2	--		32.2
Isopropanol	ND	16.1	--	ND	39.6	--		32.2
1,1-Dichloroethene	ND	6.44	--	ND	25.5	--		32.2
Methylene chloride	ND	32.2	--	ND	112	--		32.2
3-Chloropropene	ND	6.44	--	ND	20.2	--		32.2
Carbon disulfide	ND	6.44	--	ND	20.0	--		32.2
Freon-113	ND	6.44	--	ND	49.4	--		32.2
trans-1,2-Dichloroethene	ND	6.44	--	ND	25.5	--		32.2
1,1-Dichloroethane	ND	6.44	--	ND	26.1	--		32.2
Methyl tert butyl ether	ND	6.44	--	ND	23.2	--		32.2
Vinyl acetate	ND	6.44	--	ND	22.7	--		32.2
2-Butanone	8.11	6.44	--	23.9	19.0	--		32.2
cis-1,2-Dichloroethene	ND	6.44	--	ND	25.5	--		32.2

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified
Lab Number: L1115166
Report Date: 09/29/11

SAMPLE RESULTS

Lab ID: L1115166-02 D
Client ID: SSV-2
Sample Location: BROOKLYN, NY
Date Collected: 09/21/11 18:05
Date Received: 09/22/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Ethyl Acetate	ND	16.1	--	ND	58.0	--		32.2
Chloroform	ND	6.44	--	ND	31.4	--		32.2
Tetrahydrofuran	ND	6.44	--	ND	19.0	--		32.2
1,2-Dichloroethane	ND	6.44	--	ND	26.1	--		32.2
n-Hexane	ND	6.44	--	ND	22.7	--		32.2
1,1,1-Trichloroethane	ND	6.44	--	ND	35.1	--		32.2
Benzene	ND	6.44	--	ND	20.6	--		32.2
Carbon tetrachloride	ND	6.44	--	ND	40.5	--		32.2
Cyclohexane	ND	6.44	--	ND	22.2	--		32.2
1,2-Dichloropropane	ND	6.44	--	ND	29.8	--		32.2
Bromodichloromethane	ND	6.44	--	ND	43.1	--		32.2
1,4-Dioxane	ND	6.44	--	ND	23.2	--		32.2
Trichloroethene	25.3	6.44	--	136	34.6	--		32.2
2,2,4-Trimethylpentane	21.6	6.44	--	101	30.1	--		32.2
Heptane	ND	6.44	--	ND	26.4	--		32.2
cis-1,3-Dichloropropene	ND	6.44	--	ND	29.2	--		32.2
4-Methyl-2-pentanone	ND	6.44	--	ND	26.4	--		32.2
trans-1,3-Dichloropropene	ND	6.44	--	ND	29.2	--		32.2
1,1,2-Trichloroethane	ND	6.44	--	ND	35.1	--		32.2
Toluene	ND	6.44	--	ND	24.3	--		32.2
2-Hexanone	ND	6.44	--	ND	26.4	--		32.2
Dibromochloromethane	ND	6.44	--	ND	54.9	--		32.2
1,2-Dibromoethane	ND	6.44	--	ND	49.5	--		32.2
Tetrachloroethene	1890	6.44	--	12800	43.7	--		32.2
Chlorobenzene	ND	6.44	--	ND	29.6	--		32.2
Ethylbenzene	ND	6.44	--	ND	28.0	--		32.2
p/m-Xylene	ND	12.9	--	ND	56.0	--		32.2

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified
Lab Number: L1115166
Report Date: 09/29/11

SAMPLE RESULTS

Lab ID: L1115166-02 D
Client ID: SSV-2
Sample Location: BROOKLYN, NY
Date Collected: 09/21/11 18:05
Date Received: 09/22/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Bromoform	ND	6.44	--	ND	66.6	--		32.2
Styrene	ND	6.44	--	ND	27.4	--		32.2
1,1,2,2-Tetrachloroethane	ND	6.44	--	ND	44.2	--		32.2
o-Xylene	ND	6.44	--	ND	28.0	--		32.2
4-Ethyltoluene	ND	6.44	--	ND	31.7	--		32.2
1,3,5-Trimethybenzene	ND	6.44	--	ND	31.7	--		32.2
1,2,4-Trimethylbenzene	ND	6.44	--	ND	31.7	--		32.2
Benzyl chloride	ND	6.44	--	ND	33.3	--		32.2
1,3-Dichlorobenzene	ND	6.44	--	ND	38.7	--		32.2
1,4-Dichlorobenzene	ND	6.44	--	ND	38.7	--		32.2
1,2-Dichlorobenzene	ND	6.44	--	ND	38.7	--		32.2
1,2,4-Trichlorobenzene	ND	6.44	--	ND	47.8	--		32.2
Hexachlorobutadiene	ND	6.44	--	ND	68.7	--		32.2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	73		60-140
Bromochloromethane	83		60-140
chlorobenzene-d5	75		60-140

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified
Lab Number: L1115166
Report Date: 09/29/11

SAMPLE RESULTS

Lab ID: L1115166-03 D
Client ID: SSV-3
Sample Location: BROOKLYN, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/26/11 23:05
Analyst: BS

Date Collected: 09/21/11 17:59
Date Received: 09/22/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Propylene	8.52	5.00	--	14.7	8.60	--		10
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
Freon-114	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	ND	2.00	--	ND	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethanol	67.3	25.0	--	127	47.1	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	41.2	10.0	--	97.9	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
Isopropanol	16.8	5.00	--	41.3	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Methylene chloride	ND	10.0	--	ND	34.7	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	ND	2.00	--	ND	6.23	--		10
Freon-113	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
Vinyl acetate	ND	2.00	--	ND	7.04	--		10
2-Butanone	5.96	2.00	--	17.6	5.90	--		10
cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified
Lab Number: L1115166
Report Date: 09/29/11

SAMPLE RESULTS

Lab ID: L1115166-03 D
Client ID: SSV-3
Sample Location: BROOKLYN, NY
Date Collected: 09/21/11 17:59
Date Received: 09/22/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10
Chloroform	19.2	2.00	--	93.8	9.77	--		10
Tetrahydrofuran	ND	2.00	--	ND	5.90	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	ND	2.00	--	ND	7.05	--		10
1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Benzene	ND	2.00	--	ND	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	ND	2.00	--	ND	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	7.25	2.00	--	39.0	10.7	--		10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	ND	2.00	--	ND	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	2.00	--	ND	8.20	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	2.21	2.00	--	8.33	7.54	--		10
2-Hexanone	ND	2.00	--	ND	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	491	2.00	--	3330	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	ND	2.00	--	ND	8.69	--		10
p/m-Xylene	4.86	4.00	--	21.1	17.4	--		10

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified
Lab Number: L1115166
Report Date: 09/29/11

SAMPLE RESULTS

Lab ID: L1115166-03 D
Client ID: SSV-3
Sample Location: BROOKLYN, NY
Date Collected: 09/21/11 17:59
Date Received: 09/22/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Bromoform	ND	2.00	--	ND	20.7	--		10
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	ND	2.00	--	ND	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethybenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	79		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	83		60-140

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified
Lab Number: L1115166
Report Date: 09/29/11

SAMPLE RESULTS

Lab ID: L1115166-04
Client ID: IA-1
Sample Location: BROOKLYN, NY
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/26/11 19:33
Analyst: BS

Date Collected: 09/21/11 18:25
Date Received: 09/22/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Propylene	51.6	0.500	--	88.8	0.860	--		1
Dichlorodifluoromethane	0.893	0.200	--	4.42	0.989	--		1
Chloromethane	1.02	0.200	--	2.11	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	475	2.50	--	895	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	32.5	1.00	--	77.2	2.38	--		1
Trichlorofluoromethane	0.467	0.200	--	2.62	1.12	--		1
Isopropanol	53.5	0.500	--	132	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	2.97	1.00	--	10.3	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	0.255	0.200	--	1.95	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	1.36	0.200	--	4.79	0.704	--		1
2-Butanone	3.39	0.200	--	10.0	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified
Lab Number: L1115166
Report Date: 09/29/11

SAMPLE RESULTS

Lab ID: L1115166-04
Client ID: IA-1
Sample Location: BROOKLYN, NY
Date Collected: 09/21/11 18:25
Date Received: 09/22/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Ethyl Acetate	13.2	0.500	--	47.6	1.80	--		1
Chloroform	1.96	0.200	--	9.57	0.977	--		1
Tetrahydrofuran	0.907	0.200	--	2.68	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.616	0.200	--	2.17	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.816	0.200	--	2.61	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	0.400	0.200	--	1.87	0.934	--		1
Heptane	0.415	0.200	--	1.70	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	4.28	0.200	--	16.1	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	1.98	0.200	--	13.4	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.275	0.200	--	1.19	0.869	--		1
p/m-Xylene	0.894	0.400	--	3.88	1.74	--		1

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified
Lab Number: L1115166
Report Date: 09/29/11

SAMPLE RESULTS

Lab ID: L1115166-04
Client ID: IA-1
Sample Location: BROOKLYN, NY
Date Collected: 09/21/11 18:25
Date Received: 09/22/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.469	0.200	--	2.00	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.303	0.200	--	1.32	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	0.203	0.200	--	0.998	0.983	--		1
1,2,4-Trimethylbenzene	0.598	0.200	--	2.94	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	3.20	0.200	--	19.2	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	81		60-140
Bromochloromethane	80		60-140
chlorobenzene-d5	85		60-140

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified
Lab Number: L1115166
Report Date: 09/29/11

SAMPLE RESULTS

Lab ID: L1115166-05
Client ID: OA-1
Sample Location: BROOKLYN, NY
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/26/11 18:57
Analyst: BS

Date Collected: 09/21/11 18:23
Date Received: 09/22/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Propylene	0.553	0.500	--	0.952	0.860	--		1
Dichlorodifluoromethane	0.462	0.200	--	2.28	0.989	--		1
Chloromethane	0.474	0.200	--	0.979	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	7.56	2.50	--	14.2	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	4.21	1.00	--	10.0	2.38	--		1
Trichlorofluoromethane	0.219	0.200	--	1.23	1.12	--		1
Isopropanol	0.710	0.500	--	1.74	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	0.599	0.200	--	1.77	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified
Lab Number: L1115166
Report Date: 09/29/11

SAMPLE RESULTS

Lab ID: L1115166-05
Client ID: OA-1
Sample Location: BROOKLYN, NY
Date Collected: 09/21/11 18:23
Date Received: 09/22/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.632	0.200	--	2.38	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified
Lab Number: L1115166
Report Date: 09/29/11

SAMPLE RESULTS

Lab ID: L1115166-05
Client ID: OA-1
Sample Location: BROOKLYN, NY
Date Collected: 09/21/11 18:23
Date Received: 09/22/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	81		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	83		60-140

Project Name: 484-502A MYRTLE AVE **Lab Number:** L1115166

Project Number: Not Specified **Report Date:** 09/29/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 09/26/11 14:52

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab for sample(s): 01-05 Batch: WG492222-4								
Propylene	ND	0.500	--	ND	0.860	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: 484-502A MYRTLE AVE **Lab Number:** L1115166

Project Number: Not Specified **Report Date:** 09/29/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 09/26/11 14:52

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab for sample(s): 01-05 Batch: WG492222-4								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: 484-502A MYRTLE AVE **Lab Number:** L1115166

Project Number: Not Specified **Report Date:** 09/29/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 09/26/11 14:52

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab for sample(s): 01-05 Batch: WG492222-4								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified

Lab Number: L1115166
Report Date: 09/29/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01-05 Batch: WG492222-3								
Chlorodifluoromethane	98		-		70-130	-		
Propylene	109		-		70-130	-		
Propane	107		-		70-130	-		
Dichlorodifluoromethane	102		-		70-130	-		
Chloromethane	97		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	100		-		70-130	-		
Methanol	**60**	Q	-		70-130	-		
Vinyl chloride	101		-		70-130	-		
1,3-Butadiene	94		-		70-130	-		
Butane	78		-		70-130	-		
Bromomethane	96		-		70-130	-		
Chloroethane	96		-		70-130	-		
Ethyl Alcohol	102		-		70-130	-		
Dichlorofluoromethane	74		-		70-130	-		
Vinyl bromide	93		-		70-130	-		
Acrolein	103		-		70-130	-		
Acetone	103		-		70-130	-		
Acetonitrile	113		-		70-130	-		
Trichlorofluoromethane	95		-		70-130	-		
iso-Propyl Alcohol	104		-		70-130	-		
Acrylonitrile	98		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified

Lab Number: L1115166
Report Date: 09/29/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01-05 Batch: WG492222-3								
Pentane	91		-		70-130	-		
Ethyl ether	104		-		70-130	-		
1,1-Dichloroethene	92		-		70-130	-		
tert-Butyl Alcohol	97		-		70-130	-		
Methylene chloride	94		-		70-130	-		
3-Chloropropene	96		-		70-130	-		
Carbon disulfide	90		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	99		-		70-130	-		
trans-1,2-Dichloroethene	92		-		70-130	-		
1,1-Dichloroethane	99		-		70-130	-		
Methyl tert butyl ether	100		-		70-130	-		
Vinyl acetate	105		-		70-130	-		
2-Butanone	104		-		70-130	-		
cis-1,2-Dichloroethene	95		-		70-130	-		
Ethyl Acetate	102		-		70-130	-		
Chloroform	104		-		70-130	-		
Tetrahydrofuran	98		-		70-130	-		
2,2-Dichloropropane	94		-		70-130	-		
1,2-Dichloroethane	101		-		70-130	-		
n-Hexane	81		-		70-130	-		
Isopropyl Ether	92		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified

Lab Number: L1115166
Report Date: 09/29/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01-05 Batch: WG492222-3								
Ethyl-Tert-Butyl-Ether	94		-		70-130	-		
1,1,1-Trichloroethane	92		-		70-130	-		
1,1-Dichloropropene	98		-		70-130	-		
Benzene	92		-		70-130	-		
Carbon tetrachloride	92		-		70-130	-		
Cyclohexane	89		-		70-130	-		
Tertiary-Amyl Methyl Ether	93		-		70-130	-		
Dibromomethane	91		-		70-130	-		
1,2-Dichloropropane	94		-		70-130	-		
Bromodichloromethane	90		-		70-130	-		
1,4-Dioxane	93		-		70-130	-		
Trichloroethene	93		-		70-130	-		
2,2,4-Trimethylpentane	97		-		70-130	-		
Heptane	91		-		70-130	-		
2,4,4-Trimethyl-1-Pentene	89		-		70-130	-		
cis-1,3-Dichloropropene	94		-		70-130	-		
4-Methyl-2-pentanone	93		-		70-130	-		
2,4,4-Trimethyl-2-Pentene	88		-		70-130	-		
trans-1,3-Dichloropropene	79		-		70-130	-		
1,1,2-Trichloroethane	102		-		70-130	-		
Toluene	104		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified

Lab Number: L1115166
Report Date: 09/29/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01-05 Batch: WG492222-3								
1,3-Dichloropropane	110		-		70-130	-		
2-Hexanone	102		-		70-130	-		
Dibromochloromethane	94		-		70-130	-		
1,2-Dibromoethane	109		-		70-130	-		
Butyl Acetate	118		-		70-130	-		
Octane	110		-		70-130	-		
Tetrachloroethene	112		-		70-130	-		
1,1,1,2-Tetrachloroethane	111		-		70-130	-		
Chlorobenzene	113		-		70-130	-		
Ethylbenzene	111		-		70-130	-		
p/m-Xylene	114		-		70-130	-		
Bromoform	102		-		70-130	-		
Styrene	116		-		70-130	-		
1,1,2,2-Tetrachloroethane	110		-		70-130	-		
o-Xylene	107		-		70-130	-		
1,2,3-Trichloropropane	115		-		70-130	-		
Nonane (C9)	109		-		70-130	-		
Isopropylbenzene	122		-		70-130	-		
Bromobenzene	121		-		70-130	-		
o-Chlorotoluene	116		-		70-130	-		
n-Propylbenzene	120		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified

Lab Number: L1115166
Report Date: 09/29/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01-05 Batch: WG492222-3								
p-Chlorotoluene	116		-		70-130	-		
4-Ethyltoluene	113		-		70-130	-		
1,3,5-Trimethylbenzene	119		-		70-130	-		
tert-Butylbenzene	120		-		70-130	-		
1,2,4-Trimethylbenzene	119		-		70-130	-		
Decane (C10)	117		-		70-130	-		
Benzyl chloride	92		-		70-130	-		
1,3-Dichlorobenzene	124		-		70-130	-		
1,4-Dichlorobenzene	122		-		70-130	-		
sec-Butylbenzene	122		-		70-130	-		
p-Isopropyltoluene	117		-		70-130	-		
1,2-Dichlorobenzene	125		-		70-130	-		
n-Butylbenzene	122		-		70-130	-		
1,2-Dibromo-3-chloropropane	114		-		70-130	-		
Undecane	114		-		70-130	-		
Dodecane (C12)	105		-		70-130	-		
1,2,4-Trichlorobenzene	116		-		70-130	-		
Naphthalene	112		-		70-130	-		
1,2,3-Trichlorobenzene	114		-		70-130	-		
Hexachlorobutadiene	116		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified

Lab Number: L1115166
Report Date: 09/29/11

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG492222-5 QC Sample: L1115162-01 Client ID: DUP Sample						
Propylene	ND	ND	ppbV	NC		25
Dichlorodifluoromethane	2.40	2.41	ppbV	0		25
Chloromethane	ND	ND	ppbV	NC		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethyl Alcohol	ND	ND	ppbV	NC		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	ND	ND	ppbV	NC		25
Trichlorofluoromethane	1.44	1.53	ppbV	6		25
iso-Propyl Alcohol	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	2.64	2.30	ppbV	14		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified

Lab Number: L1115166
Report Date: 09/29/11

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG492222-5 QC Sample: L1115162-01 Client ID: DUP Sample					
1,1-Dichloroethane	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
Vinyl acetate	ND	ND	ppbV	NC	25
2-Butanone	ND	ND	ppbV	NC	25
cis-1,2-Dichloroethene	53.2	48.0	ppbV	10	25
Ethyl Acetate	ND	ND	ppbV	NC	25
Chloroform	14.0	12.6	ppbV	11	25
Tetrahydrofuran	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
n-Hexane	ND	ND	ppbV	NC	25
1,1,1-Trichloroethane	28.4	24.2	ppbV	16	25
Benzene	ND	ND	ppbV	NC	25
Carbon tetrachloride	ND	ND	ppbV	NC	25
Cyclohexane	ND	ND	ppbV	NC	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
1,4-Dioxane	ND	ND	ppbV	NC	25
Trichloroethene	533E	451	ppbV	17	25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified

Lab Number: L1115166
Report Date: 09/29/11

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG492222-5 QC Sample: L1115162-01 Client ID: DUP Sample					
Heptane	ND	ND	ppbV	NC	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
Toluene	ND	ND	ppbV	NC	25
2-Hexanone	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Tetrachloroethene	59.5	54.4	ppbV	9	25
Chlorobenzene	ND	ND	ppbV	NC	25
Ethylbenzene	1.48	1.38	ppbV	7	25
p/m-Xylene	11.8	11.4	ppbV	3	25
Bromoform	ND	ND	ppbV	NC	25
Styrene	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
o-Xylene	4.26	4.15	ppbV	3	25
4-Ethyltoluene	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 484-502A MYRTLE AVE
Project Number: Not Specified

Lab Number: L1115166
Report Date: 09/29/11

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG492222-5 QC Sample: L1115162-01 Client ID: DUP Sample					
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC	25
Benzyl chloride	ND	ND	ppbV	NC	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	3.34	3.42	ppbV	2	25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25
Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG492222-5 QC Sample: L1115162-01 Client ID: DUP Sample					
Trichloroethene	465	434	ppbV	7	25

Project Name: 484-502A MYRTLE AVE **Lab Number:** L1115166

Project Number: **Report Date:** 09/29/11

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Cleaning Batch ID	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Out mL/min	Flow In mL/min	% RSD
L1115166-01	SSV-1	0082	#16 AMB		-	-	4.4	4.6	4
L1115166-01	SSV-1	337	2.7L Can	L1114502	-29.8	-6.3	-	-	-
L1115166-02	SSV-2	0126	#20 SV		-	-	4.5	4.6	2
L1115166-02	SSV-2	548	2.7L Can	L1114502	-29.8	-3.6	-	-	-
L1115166-03	SSV-3	0350	#16 AMB		-	-	4.3	4.4	2
L1115166-03	SSV-3	206	2.7L Can	L1114502	-28.7	-2.9	-	-	-
L1115166-04	IA-1	0433	#16 AMB		-	-	4.5	6.4	35
L1115166-04	IA-1	1748	2.7L Can	L1114502	-29.8	-2.1	-	-	-
L1115166-05	OA-1	0246	#16 SV		-	-	4.5	4.7	4
L1115166-05	OA-1	1744	2.7L Can	L1114502	-29.8	0.0	-	-	-

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Hydro Tech Environmental (Hauppauge)
77 Arkay Drive, Suite G
Hauppauge NY, 11788
Attention: Paul Matli

Report Date: 11/21/2012
Client Project ID: 490-504 Myrtle Ave Bk, NY
York Project (SDG) No.: 12K0548

CT License No. PH-0723 New Jersey License No. CT-005 New York License No. 10854 PA License No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 11/21/2012
Client Project ID: 490-504 Myrtle Ave Bk, NY
York Project (SDG) No.: 12K0548

Hydro Tech Environmental (Hauppauge)
77 Arkay Drive, Suite G
Hauppauge NY, 11788
Attention: Paul Matli

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 19, 2012 and listed below. The project was identified as your project: **490-504 Myrtle Ave Bk, NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12K0548-01	SV-4	Soil Vapor	11/17/2012	11/19/2012
12K0548-02	SV-5	Soil Vapor	11/17/2012	11/19/2012
12K0548-03	SV-6	Soil Vapor	11/17/2012	11/19/2012
12K0548-04	SV-7	Soil Vapor	11/17/2012	11/19/2012
12K0548-05	SV-8	Soil Vapor	11/17/2012	11/19/2012
12K0548-06	SV-9	Soil Vapor	11/17/2012	11/19/2012
12K0548-07	SV-10	Soil Vapor	11/17/2012	11/19/2012
12K0548-08	AI-1	Indoor Ambient Air	11/17/2012	11/19/2012
12K0548-09	AI-2	Indoor Ambient Air	11/17/2012	11/19/2012
12K0548-10	AO-1	Outdoor Ambient Air	11/17/2012	11/19/2012

General Notes for York Project (SDG) No.: 12K0548

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: **Date:** 11/21/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SV-4** **York Sample ID:** **12K0548-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Soil Vapor	November 17, 2012 3:00 pm	11/19/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	1.0	8.6	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.88	12	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
79-01-6	Trichloroethylene	**13**		ug/m³	1.1	4.5	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.4	7.6	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.80	6.6	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
108-88-3	Toluene	**32**		ug/m³	1.5	6.3	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	1.2	4.9	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
127-18-4	Tetrachloroethylene	**4200**	E	ug/m³	1.4	11	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
100-42-5	Styrene	ND		ug/m³	1.3	7.1	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
115-07-01	Propylene	ND		ug/m³	1.3	2.9	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	1.5	41	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
1330-20-7P/M	p- & m- Xylenes	**67**		ug/m³	2.5	7.3	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
95-47-6	o-Xylene	**22**		ug/m³	1.3	7.3	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
110-54-3	n-Hexane	ND		ug/m³	0.71	5.9	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
142-82-5	n-Heptane	**8.9**		ug/m³	0.82	6.9	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
75-09-2	Methylene chloride	**9.9**	B	ug/m³	1.4	5.8	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.72	6.0	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	2.5	6.9	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
67-63-0	Isopropanol	ND		ug/m³	1.4	4.1	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	3.2	18	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
100-41-4	Ethyl Benzene	**18**		ug/m³	1.3	7.3	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
141-78-6	Ethyl acetate	ND		ug/m³	1.5	6.0	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
110-82-7	Cyclohexane	ND		ug/m³	0.69	5.8	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.9	7.6	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.1	6.6	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
74-87-3	Chloromethane	ND		ug/m³	1.0	3.5	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
67-66-3	Chloroform	**120**		ug/m³	1.2	8.2	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
75-00-3	Chloroethane	ND		ug/m³	0.53	4.4	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	1.3	5.3	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
75-15-0	Carbon disulfide	**18**		ug/m³	0.63	5.2	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
74-83-9	Bromomethane	ND		ug/m³	0.78	6.5	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
75-25-2	Bromoform	ND		ug/m³	3.1	17	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
75-27-4	Bromodichloromethane	ND		ug/m³	2.5	10	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
100-44-7	Benzyl chloride	ND		ug/m³	1.0	8.7	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SV-4** **York Sample ID:** **12K0548-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Soil Vapor	November 17, 2012 3:00 pm	11/19/2012

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	**8.6**		ug/m³	0.80	5.3	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
67-64-1	Acetone	**39**		ug/m³	1.2	4.0	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
591-78-6	2-Hexanone	ND		ug/m³	3.8	14	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
78-93-3	2-Butanone	ND		ug/m³	2.0	4.9	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
123-91-1	1,4-Dioxane	ND		ug/m³	5.4	60	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.2	10	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.8	10	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	7.3	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.1	16	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.0	12	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.7	7.7	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.6	6.8	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	2.5	10	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.99	41	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	2.7	12	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.0	6.6	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.81	6.8	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.56	9.4	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	2.3	9.1	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	0.90	13	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	2.8	11	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.6	9.1	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	2.1	8.3	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	13	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
124-48-1	Dibromochloromethane	ND		ug/m³	13	13	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	6.8	6.8	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD
108-90-7	Chlorobenzene	ND		ug/m³	1.4	7.7	16.46	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 02:29	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*83.8 %*	*70-130*

Sample Information

Client Sample ID: **SV-5** **York Sample ID:** **12K0548-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Soil Vapor	November 17, 2012 3:00 pm	11/19/2012

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SV-5 **York Sample ID:** 12K0548-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Soil Vapor	November 17, 2012 3:00 pm	11/19/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	1.2	9.7	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
108-05-4	Vinyl acetate	ND		ug/m³	1.0	13	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
79-01-6	Trichloroethylene	**16**		ug/m³	1.2	5.1	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.6	8.6	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.90	7.5	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
108-88-3	Toluene	**31**		ug/m³	1.7	7.2	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	1.4	5.6	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
127-18-4	Tetrachloroethylene	**4200**	E	ug/m³	1.5	13	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
100-42-5	Styrene	ND		ug/m³	1.5	8.1	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
115-07-01	Propylene	ND		ug/m³	1.5	3.3	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	1.7	47	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
1330-20-7P/M	p- & m- Xylenes	**63**		ug/m³	2.8	8.2	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
95-47-6	o-Xylene	**21**		ug/m³	1.5	8.2	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
110-54-3	n-Hexane	ND		ug/m³	0.80	6.7	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
142-82-5	n-Heptane	**10**		ug/m³	0.93	7.8	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
75-09-2	Methylene chloride	**15**	B	ug/m³	1.6	6.6	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.82	6.8	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	2.8	7.8	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
67-63-0	Isopropanol	ND		ug/m³	1.6	4.7	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	3.6	20	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
100-41-4	Ethyl Benzene	**18**		ug/m³	1.5	8.2	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
141-78-6	Ethyl acetate	ND		ug/m³	1.7	6.8	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
110-82-7	Cyclohexane	**7.2**		ug/m³	0.78	6.5	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.2	8.6	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.3	7.5	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
74-87-3	Chloromethane	ND		ug/m³	1.2	3.9	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
67-66-3	Chloroform	**59**		ug/m³	1.4	9.3	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
75-00-3	Chloroethane	ND		ug/m³	0.60	5.0	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	1.4	6.0	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.71	5.9	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
74-83-9	Bromomethane	ND		ug/m³	0.88	7.4	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
75-25-2	Bromoform	ND		ug/m³	3.5	20	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
75-27-4	Bromodichloromethane	ND		ug/m³	2.8	12	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
100-44-7	Benzyl chloride	ND		ug/m³	1.2	9.8	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
71-43-2	Benzene	**10**		ug/m³	0.91	6.1	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SV-5 **York Sample ID:** 12K0548-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Soil Vapor	November 17, 2012 3:00 pm	11/19/2012

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	**48**		ug/m³	1.4	4.5	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
591-78-6	2-Hexanone	ND		ug/m³	4.3	16	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
78-93-3	2-Butanone	ND		ug/m³	2.2	5.6	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
123-91-1	1,4-Dioxane	ND		ug/m³	6.2	68	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.5	11	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	2.1	11	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
106-99-0	1,3-Butadiene	ND		ug/m³	1.2	8.2	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.2	19	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.3	13	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.9	8.8	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.8	7.7	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	2.9	11	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.1	47	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	3.1	14	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.1	7.5	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.92	7.7	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.64	11	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	2.6	10	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	1.0	15	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	3.1	13	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.9	10	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	2.3	9.4	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	15	15	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
124-48-1	Dibromochloromethane	ND		ug/m³	15	15	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	7.8	7.8	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD
108-90-7	Chlorobenzene	ND		ug/m³	1.6	8.7	18.67	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:13	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*87.5 %*	*70-130*

Sample Information

Client Sample ID: SV-6 **York Sample ID:** 12K0548-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Soil Vapor	November 17, 2012 3:00 pm	11/19/2012

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SV-6 **York Sample ID:** 12K0548-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Soil Vapor	November 17, 2012 3:00 pm	11/19/2012

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	1.7	14	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
108-05-4	Vinyl acetate	ND		ug/m³	1.4	19	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
79-01-6	Trichloroethylene	**29**		ug/m³	1.7	7.2	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	2.2	12	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.3	11	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
108-88-3	Toluene	**230**		ug/m³	2.4	10	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	2.0	8.0	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
127-18-4	Tetrachloroethylene	**1700**		ug/m³	2.2	18	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
100-42-5	Styrene	ND		ug/m³	2.1	11	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
115-07-01	Propylene	ND		ug/m³	2.1	4.6	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
622-96-8	p-Ethyltoluene	**86**		ug/m³	2.4	66	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
1330-20-7P/M	p- & m- Xylenes	**260**		ug/m³	4.0	12	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
95-47-6	o-Xylene	**79**		ug/m³	2.1	12	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
110-54-3	n-Hexane	**43**		ug/m³	1.1	9.5	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
142-82-5	n-Heptane	**43**		ug/m³	1.3	11	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
75-09-2	Methylene chloride	**16**	B	ug/m³	2.2	9.4	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.2	9.7	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	4.0	11	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
67-63-0	Isopropanol	ND		ug/m³	2.3	6.6	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	5.2	29	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
100-41-4	Ethyl Benzene	**73**		ug/m³	2.1	12	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
141-78-6	Ethyl acetate	ND		ug/m³	2.4	9.7	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
110-82-7	Cyclohexane	ND		ug/m³	1.1	9.3	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	3.1	12	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.8	11	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
74-87-3	Chloromethane	ND		ug/m³	1.7	5.6	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
67-66-3	Chloroform	**26**		ug/m³	2.0	13	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
75-00-3	Chloroethane	ND		ug/m³	0.85	7.1	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	2.0	8.5	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
75-15-0	Carbon disulfide	**18**		ug/m³	1.0	8.4	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
74-83-9	Bromomethane	ND		ug/m³	1.3	10	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
75-25-2	Bromoform	ND		ug/m³	5.0	28	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
75-27-4	Bromodichloromethane	ND		ug/m³	4.0	17	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
100-44-7	Benzyl chloride	ND		ug/m³	1.7	14	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
71-43-2	Benzene	**36**		ug/m³	1.3	8.6	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SV-6 **York Sample ID:** 12K0548-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Soil Vapor	November 17, 2012 3:00 pm	11/19/2012

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	**47**		ug/m³	2.0	6.4	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
591-78-6	2-Hexanone	ND		ug/m³	6.1	22	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
78-93-3	2-Butanone	ND		ug/m³	3.2	8.0	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
123-91-1	1,4-Dioxane	ND		ug/m³	8.8	97	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	3.6	16	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	2.9	16	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
106-99-0	1,3-Butadiene	ND		ug/m³	1.8	12	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
108-67-8	1,3,5-Trimethylbenzene	**32**		ug/m³	1.7	27	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	3.2	19	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	2.7	12	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	2.6	11	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	4.1	16	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
95-63-6	1,2,4-Trimethylbenzene	**80**		ug/m³	1.6	66	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	4.4	20	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.6	11	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.3	11	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.91	15	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	3.7	15	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	1.4	21	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	4.4	19	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	2.7	15	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	3.3	13	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	21	21	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
124-48-1	Dibromochloromethane	ND		ug/m³	22	22	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	11	11	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD
108-90-7	Chlorobenzene	ND		ug/m³	2.2	12	26.53	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 03:58	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.6 %*	*70-130*

Sample Information

Client Sample ID: SV-7 **York Sample ID:** 12K0548-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Soil Vapor	November 17, 2012 3:00 pm	11/19/2012

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SV-7** **York Sample ID:** **12K0548-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Soil Vapor	November 17, 2012 3:00 pm	11/19/2012

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	1.2	10	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
108-05-4	Vinyl acetate	ND		ug/m³	1.0	14	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
79-01-6	Trichloroethylene	**8.4**		ug/m³	1.3	5.2	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.6	8.8	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.93	7.7	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
108-88-3	Toluene	**36**		ug/m³	1.8	7.3	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	1.4	5.7	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
127-18-4	Tetrachloroethylene	**240**		ug/m³	1.6	13	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
100-42-5	Styrene	ND		ug/m³	1.5	8.3	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
115-07-01	Propylene	ND		ug/m³	1.5	3.4	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	1.7	48	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
1330-20-7P/M	p- & m- Xylenes	**48**		ug/m³	2.9	8.5	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
95-47-6	o-Xylene	**16**		ug/m³	1.5	8.5	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
110-54-3	n-Hexane	ND		ug/m³	0.82	6.9	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
142-82-5	n-Heptane	**9.6**		ug/m³	0.96	8.0	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
75-09-2	Methylene chloride	**12**	B	ug/m³	1.6	6.8	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.84	7.0	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	2.9	8.0	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
67-63-0	Isopropanol	ND		ug/m³	1.7	4.8	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	3.7	21	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
100-41-4	Ethyl Benzene	**15**		ug/m³	1.5	8.5	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
141-78-6	Ethyl acetate	ND		ug/m³	1.8	7.0	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
110-82-7	Cyclohexane	ND		ug/m³	0.80	6.7	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.2	8.8	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.3	7.7	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
74-87-3	Chloromethane	ND		ug/m³	1.2	4.0	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
67-66-3	Chloroform	ND		ug/m³	1.4	9.5	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
75-00-3	Chloroethane	ND		ug/m³	0.62	5.1	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	1.5	6.1	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.73	6.1	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
74-83-9	Bromomethane	ND		ug/m³	0.91	7.6	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
75-25-2	Bromoform	ND		ug/m³	3.6	20	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
75-27-4	Bromodichloromethane	ND		ug/m³	2.9	12	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
100-44-7	Benzyl chloride	ND		ug/m³	1.2	10	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
71-43-2	Benzene	**11**		ug/m³	0.93	6.2	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
67-64-1	Acetone	**190**		ug/m³	1.4	4.6	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SV-7** **York Sample ID:** **12K0548-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Soil Vapor	November 17, 2012 3:00 pm	11/19/2012

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/m³	4.4	16	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
78-93-3	2-Butanone	ND		ug/m³	2.3	5.7	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
123-91-1	1,4-Dioxane	ND		ug/m³	6.3	70	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.6	12	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	2.1	12	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
106-99-0	1,3-Butadiene	ND		ug/m³	1.3	8.4	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.2	19	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.3	14	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	2.0	9.0	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.9	7.9	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	2.9	12	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.1	48	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	3.2	14	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.2	7.7	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.95	7.9	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.66	11	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	2.7	11	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	1.0	15	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	3.2	13	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.9	11	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	2.4	9.6	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	15	15	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
124-48-1	Dibromochloromethane	ND		ug/m³	16	16	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	8.0	8.0	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD
108-90-7	Chlorobenzene	ND		ug/m³	1.6	9.0	19.16	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 04:42	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*75.9 %*	*70-130*

Sample Information

Client Sample ID: **SV-8** **York Sample ID:** **12K0548-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Soil Vapor	November 17, 2012 3:00 pm	11/19/2012

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SV-8** **York Sample ID:** **12K0548-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Soil Vapor	November 17, 2012 3:00 pm	11/19/2012

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	1.1	9.4	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.97	13	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
79-01-6	Trichloroethylene	**66**		ug/m³	1.2	4.9	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.5	8.3	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.87	7.3	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
108-88-3	Toluene	**34**		ug/m³	1.7	6.9	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	1.3	5.4	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
127-18-4	Tetrachloroethylene	**4200**	E	ug/m³	1.5	12	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
100-42-5	Styrene	ND		ug/m³	1.4	7.8	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
115-07-01	Propylene	ND		ug/m³	1.4	3.2	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	1.6	45	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
1330-20-7P/M	p- & m- Xylenes	**72**		ug/m³	2.7	7.9	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
95-47-6	o-Xylene	**25**		ug/m³	1.4	7.9	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
110-54-3	n-Hexane	ND		ug/m³	0.77	6.5	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
142-82-5	n-Heptane	**9.8**		ug/m³	0.90	7.5	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
75-09-2	Methylene chloride	**11**	B	ug/m³	1.5	6.4	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.79	6.6	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	2.7	7.5	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
67-63-0	Isopropanol	ND		ug/m³	1.6	4.5	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	3.5	20	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
100-41-4	Ethyl Benzene	**21**		ug/m³	1.4	7.9	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
141-78-6	Ethyl acetate	ND		ug/m³	1.6	6.6	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
110-82-7	Cyclohexane	ND		ug/m³	0.76	6.3	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.1	8.3	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.2	7.3	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
74-87-3	Chloromethane	ND		ug/m³	1.1	3.8	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
67-66-3	Chloroform	**32**		ug/m³	1.3	8.9	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
75-00-3	Chloroethane	ND		ug/m³	0.58	4.8	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	1.4	5.8	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.68	5.7	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
74-83-9	Bromomethane	ND		ug/m³	0.85	7.1	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
75-25-2	Bromoform	ND		ug/m³	3.4	19	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
75-27-4	Bromodichloromethane	ND		ug/m³	2.7	11	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
100-44-7	Benzyl chloride	ND		ug/m³	1.1	9.5	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
71-43-2	Benzene	**11**		ug/m³	0.88	5.8	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
67-64-1	Acetone	**550**		ug/m³	1.3	4.4	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SV-8** **York Sample ID:** **12K0548-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Soil Vapor	November 17, 2012 3:00 pm	11/19/2012

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/m³	4.1	15	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
78-93-3	2-Butanone	ND		ug/m³	2.2	5.4	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
123-91-1	1,4-Dioxane	ND		ug/m³	5.9	66	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.4	11	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	2.0	11	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
106-99-0	1,3-Butadiene	ND		ug/m³	1.2	7.9	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.2	18	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.2	13	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.9	8.5	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.8	7.4	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	2.8	11	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.1	45	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	3.0	14	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.1	7.3	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.89	7.4	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.62	10	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	2.5	10	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	0.98	14	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	3.0	13	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.8	10	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	2.3	9.1	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	14	14	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
124-48-1	Dibromochloromethane	ND		ug/m³	15	15	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	7.5	7.5	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD
108-90-7	Chlorobenzene	ND		ug/m³	1.5	8.4	18	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 05:26	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*87.9 %*	*70-130*

Sample Information

Client Sample ID: **SV-9** **York Sample ID:** **12K0548-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Soil Vapor	November 17, 2012 3:00 pm	11/19/2012

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SV-9** **York Sample ID:** **12K0548-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Soil Vapor	November 17, 2012 3:00 pm	11/19/2012

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	1.1	9.0	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.93	12	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
79-01-6	Trichloroethylene	**180**		ug/m³	1.1	4.7	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.4	8.0	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.84	7.0	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
108-88-3	Toluene	**60**		ug/m³	1.6	6.6	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	1.3	5.2	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
127-18-4	Tetrachloroethylene	**5000**		ug/m³	3.6	30	43.3	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 09:05	TD
100-42-5	Styrene	ND		ug/m³	1.4	7.5	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
115-07-01	Propylene	ND		ug/m³	1.4	3.0	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
622-96-8	p-Ethyltoluene	**47**		ug/m³	1.6	43	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
1330-20-7P/M	p- & m- Xylenes	**130**		ug/m³	2.6	7.6	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
95-47-6	o-Xylene	**43**		ug/m³	1.4	7.6	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
110-54-3	n-Hexane	ND		ug/m³	0.75	6.2	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
142-82-5	n-Heptane	**12**		ug/m³	0.87	7.2	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
75-09-2	Methylene chloride	**12**	B	ug/m³	1.5	6.1	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.76	6.3	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	2.6	7.2	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
67-63-0	Isopropanol	ND		ug/m³	1.5	4.3	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	3.4	19	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
100-41-4	Ethyl Benzene	**37**		ug/m³	1.4	7.6	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
141-78-6	Ethyl acetate	ND		ug/m³	1.6	6.3	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
110-82-7	Cyclohexane	ND		ug/m³	0.73	6.1	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.0	8.0	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.2	7.0	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
74-87-3	Chloromethane	ND		ug/m³	1.1	3.6	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
67-66-3	Chloroform	**390**		ug/m³	1.3	8.6	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
75-00-3	Chloroethane	ND		ug/m³	0.56	4.6	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	1.3	5.5	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
75-15-0	Carbon disulfide	**12**		ug/m³	0.66	5.5	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
74-83-9	Bromomethane	ND		ug/m³	0.82	6.8	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
75-25-2	Bromoform	ND		ug/m³	3.3	18	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
75-27-4	Bromodichloromethane	ND		ug/m³	2.6	11	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
100-44-7	Benzyl chloride	ND		ug/m³	1.1	9.1	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
71-43-2	Benzene	**12**		ug/m³	0.84	5.6	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
67-64-1	Acetone	**220**		ug/m³	1.3	4.2	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SV-9** **York Sample ID:** **12K0548-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Soil Vapor	November 17, 2012 3:00 pm	11/19/2012

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/m³	4.0	14	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
78-93-3	2-Butanone	ND		ug/m³	2.1	5.2	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
123-91-1	1,4-Dioxane	ND		ug/m³	5.7	63	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.3	11	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.9	11	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	7.6	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
108-67-8	1,3,5-Trimethylbenzene	**19**		ug/m³	1.1	17	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.1	12	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.8	8.1	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.7	7.1	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	2.6	11	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
95-63-6	1,2,4-Trimethylbenzene	**48**		ug/m³	1.0	43	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	2.9	13	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.0	7.0	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.86	7.1	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.59	9.9	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	2.4	9.6	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	0.95	14	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	2.9	12	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.7	9.6	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	2.2	8.7	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	14	14	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
124-48-1	Dibromochloromethane	ND		ug/m³	14	14	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	7.2	7.2	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD
108-90-7	Chlorobenzene	ND		ug/m³	1.5	8.1	17.32	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:10	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.1 %*	*70-130*

Sample Information

Client Sample ID: **SV-10** **York Sample ID:** **12K0548-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Soil Vapor	November 17, 2012 3:00 pm	11/19/2012

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SV-10** **York Sample ID:** **12K0548-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Soil Vapor	November 17, 2012 3:00 pm	11/19/2012

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	1.1	8.8	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.91	12	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
79-01-6	Trichloroethylene	**19**		ug/m³	1.1	4.6	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.4	7.8	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.82	6.8	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
108-88-3	Toluene	**36**		ug/m³	1.6	6.5	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	1.3	5.1	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
127-18-4	Tetrachloroethylene	**840**		ug/m³	1.4	12	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
100-42-5	Styrene	ND		ug/m³	1.3	7.4	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
115-07-01	Propylene	ND		ug/m³	1.4	3.0	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	1.5	42	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
1330-20-7P/M	p- & m- Xylenes	**67**		ug/m³	2.5	7.5	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
95-47-6	o-Xylene	**22**		ug/m³	1.3	7.5	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
110-54-3	n-Hexane	ND		ug/m³	0.73	6.1	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
142-82-5	n-Heptane	**12**		ug/m³	0.85	7.1	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
75-09-2	Methylene chloride	**12**	B	ug/m³	1.4	6.0	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.75	6.2	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	2.5	7.1	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
67-63-0	Isopropanol	ND		ug/m³	1.5	4.2	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	3.3	18	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
100-41-4	Ethyl Benzene	**24**		ug/m³	1.3	7.5	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
141-78-6	Ethyl acetate	ND		ug/m³	1.6	6.2	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
110-82-7	Cyclohexane	ND		ug/m³	0.71	5.9	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.0	7.8	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.2	6.8	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
74-87-3	Chloromethane	ND		ug/m³	1.1	3.6	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
67-66-3	Chloroform	**35**		ug/m³	1.3	8.4	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
75-00-3	Chloroethane	ND		ug/m³	0.55	4.6	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	1.3	5.4	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.64	5.4	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
74-83-9	Bromomethane	ND		ug/m³	0.80	6.7	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
75-25-2	Bromoform	ND		ug/m³	3.2	18	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
75-27-4	Bromodichloromethane	ND		ug/m³	2.6	11	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
100-44-7	Benzyl chloride	ND		ug/m³	1.1	8.9	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
71-43-2	Benzene	**11**		ug/m³	0.83	5.5	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
67-64-1	Acetone	**4300**	E	ug/m³	1.3	4.1	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SV-10** **York Sample ID:** **12K0548-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Soil Vapor	November 17, 2012 3:00 pm	11/19/2012

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/m³	3.9	14	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
78-93-3	2-Butanone	ND		ug/m³	2.0	5.1	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
123-91-1	1,4-Dioxane	ND		ug/m³	5.6	62	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.3	10	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.9	10	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	7.5	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.1	17	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.1	12	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.8	8.0	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.7	7.0	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	2.6	10	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.0	42	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	2.8	13	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.0	6.8	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.84	7.0	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.58	9.7	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	2.4	9.4	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	0.93	13	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	2.8	12	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.7	9.4	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	2.1	8.5	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	13	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
124-48-1	Dibromochloromethane	ND		ug/m³	14	14	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	7.1	7.1	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD
108-90-7	Chlorobenzene	ND		ug/m³	1.4	7.9	16.97	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 06:54	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*87.6 %*	*70-130*

Sample Information

Client Sample ID: **AI-1** **York Sample ID:** **12K0548-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Indoor Ambient Air	November 17, 2012 3:00 pm	11/19/2012

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **AI-1** **York Sample ID:** **12K0548-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Indoor Ambient Air	November 17, 2012 3:00 pm	11/19/2012

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.083	0.69	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.072	0.95	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
79-01-6	Trichloroethylene	**9.8**		ug/m³	0.087	0.36	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.11	0.62	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.065	0.54	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
108-88-3	Toluene	**9.6**		ug/m³	0.12	0.51	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
109-99-9	Tetrahydrofuran	**4.1**		ug/m³	0.10	0.40	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
127-18-4	Tetrachloroethylene	**130**		ug/m³	0.11	0.92	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
100-42-5	Styrene	ND		ug/m³	0.10	0.58	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
115-07-01	Propylene	ND		ug/m³	0.11	0.23	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	0.12	3.3	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
1330-20-7P/M	p- & m- Xylenes	**7.4**		ug/m³	0.20	0.59	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
95-47-6	o-Xylene	**2.9**		ug/m³	0.11	0.59	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
110-54-3	n-Hexane	**2.9**		ug/m³	0.057	0.48	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
142-82-5	n-Heptane	**1.9**		ug/m³	0.067	0.56	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
75-09-2	Methylene chloride	**4.4**	B	ug/m³	0.11	0.47	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.059	0.49	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.20	0.56	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
67-63-0	Isopropanol	ND		ug/m³	0.12	0.33	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.26	1.4	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
100-41-4	Ethyl Benzene	**3.0**		ug/m³	0.11	0.59	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.12	0.49	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
110-82-7	Cyclohexane	**1.2**		ug/m³	0.056	0.47	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.15	0.62	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
156-59-2	cis-1,2-Dichloroethylene	**1.1**		ug/m³	0.091	0.54	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
74-87-3	Chloromethane	**1.2**		ug/m³	0.084	0.28	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
67-66-3	Chloroform	**3.9**		ug/m³	0.099	0.66	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
75-00-3	Chloroethane	ND		ug/m³	0.043	0.36	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.10	0.43	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
75-15-0	Carbon disulfide	**10**		ug/m³	0.051	0.42	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
74-83-9	Bromomethane	ND		ug/m³	0.063	0.53	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
75-25-2	Bromoform	ND		ug/m³	0.25	1.4	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.20	0.84	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.084	0.70	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
71-43-2	Benzene	**2.4**		ug/m³	0.065	0.43	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
67-64-1	Acetone	**40**		ug/m³	0.10	0.32	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
591-78-6	2-Hexanone	ND		ug/m³	0.31	1.1	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **AI-1** **York Sample ID:** **12K0548-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Indoor Ambient Air	November 17, 2012 3:00 pm	11/19/2012

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	**6.8**		ug/m³	0.16	0.40	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.44	4.9	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.18	0.82	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.15	0.82	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.088	0.59	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
108-67-8	1,3,5-Trimethylbenzene	**1.3**		ug/m³	0.087	1.3	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.16	0.95	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.14	0.63	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.13	0.55	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.20	0.82	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.080	3.3	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.22	1.0	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.081	0.54	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.066	0.55	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
75-69-4	Trichlorofluoromethane (Freon 11)	**2.5**		ug/m³	0.046	0.76	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.18	0.74	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	0.073	1.0	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.22	0.93	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.13	0.74	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
75-71-8	Dichlorodifluoromethane	**3.0**		ug/m³	0.17	0.67	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.0	1.0	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.1	1.1	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.55	0.55	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.11	0.62	1.3333	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:04	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*81.5 %*	*70-130*

Sample Information

Client Sample ID: **AI-2** **York Sample ID:** **12K0548-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Indoor Ambient Air	November 17, 2012 3:00 pm	11/19/2012

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: AI-2 **York Sample ID:** 12K0548-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Indoor Ambient Air	November 17, 2012 3:00 pm	11/19/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.042	0.35	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.036	0.48	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
79-01-6	Trichloroethylene	**0.40**		ug/m³	0.044	0.18	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.055	0.31	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.032	0.27	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
108-88-3	Toluene	**7.5**		ug/m³	0.061	0.26	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
109-99-9	Tetrahydrofuran	**21**		ug/m³	0.050	0.20	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
127-18-4	Tetrachloroethylene	**5.0**		ug/m³	0.055	0.46	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
100-42-5	Styrene	**1.3**		ug/m³	0.052	0.29	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
115-07-01	Propylene	ND		ug/m³	0.054	0.12	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
622-96-8	p-Ethyltoluene	**6.2**		ug/m³	0.060	1.7	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
1330-20-7P/M	p- & m- Xylenes	**4.9**		ug/m³	0.10	0.29	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
95-47-6	o-Xylene	**2.3**		ug/m³	0.053	0.29	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
110-54-3	n-Hexane	**1.5**		ug/m³	0.029	0.24	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
142-82-5	n-Heptane	**1.4**		ug/m³	0.033	0.28	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
75-09-2	Methylene chloride	**2.1**	B	ug/m³	0.057	0.24	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.029	0.24	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
108-10-1	4-Methyl-2-pentanone	**1.1**		ug/m³	0.10	0.28	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
67-63-0	Isopropanol	**13**		ug/m³	0.058	0.17	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.13	0.72	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
100-41-4	Ethyl Benzene	**1.5**		ug/m³	0.053	0.29	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
141-78-6	Ethyl acetate	**5.5**		ug/m³	0.061	0.24	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
110-82-7	Cyclohexane	**0.61**		ug/m³	0.028	0.23	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.077	0.31	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.046	0.27	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
74-87-3	Chloromethane	**1.8**		ug/m³	0.042	0.14	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
67-66-3	Chloroform	**2.1**		ug/m³	0.050	0.33	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
75-00-3	Chloroethane	ND		ug/m³	0.021	0.18	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.051	0.21	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
75-15-0	Carbon disulfide	**2.9**		ug/m³	0.025	0.21	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
74-83-9	Bromomethane	ND		ug/m³	0.032	0.26	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
75-25-2	Bromoform	ND		ug/m³	0.13	0.70	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.10	0.42	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.042	0.35	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
71-43-2	Benzene	**3.9**		ug/m³	0.032	0.22	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
67-64-1	Acetone	**78**	E	ug/m³	0.050	0.16	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **AI-2** **York Sample ID:** **12K0548-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Indoor Ambient Air	November 17, 2012 3:00 pm	11/19/2012

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/m³	0.15	0.56	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
78-93-3	2-Butanone	**19**		ug/m³	0.080	0.20	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.22	2.4	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
106-46-7	1,4-Dichlorobenzene	**3.1**		ug/m³	0.090	0.41	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.073	0.41	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.044	0.29	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
108-67-8	1,3,5-Trimethylbenzene	**2.5**		ug/m³	0.043	0.67	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.081	0.47	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.069	0.31	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.066	0.27	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.10	0.41	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
95-63-6	1,2,4-Trimethylbenzene	**7.2**		ug/m³	0.040	1.7	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.11	0.50	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.040	0.27	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.033	0.27	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
75-69-4	Trichlorofluoromethane (Freon 11)	**1.9**		ug/m³	0.023	0.38	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.092	0.37	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	**1.1**		ug/m³	0.036	0.52	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.11	0.47	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.067	0.37	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	0.084	0.34	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.52	0.52	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
124-48-1	Dibromochloromethane	ND		ug/m³	0.54	0.54	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.28	0.28	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.056	0.31	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 00:54	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*76.2 %*	*70-130*

Sample Information

Client Sample ID: **AO-1** **York Sample ID:** **12K0548-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	Outdoor Ambient Air	November 17, 2012 3:00 pm	11/19/2012

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **AO-1** **York Sample ID:** **12K0548-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	)utdoor Ambient Ai	November 17, 2012 3:00 pm	11/19/2012

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.042	0.35	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.036	0.48	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
79-01-6	Trichloroethylene	**0.33**		ug/m³	0.044	0.18	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.055	0.31	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.032	0.27	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
108-88-3	Toluene	**2.0**		ug/m³	0.061	0.26	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
109-99-9	Tetrahydrofuran	**2.2**		ug/m³	0.050	0.20	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
127-18-4	Tetrachloroethylene	**1.5**		ug/m³	0.055	0.46	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
100-42-5	Styrene	ND		ug/m³	0.052	0.29	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
115-07-01	Propylene	ND		ug/m³	0.054	0.12	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	0.060	1.7	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
1330-20-7P/M	p- & m- Xylenes	**2.0**		ug/m³	0.10	0.29	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
95-47-6	o-Xylene	**1.0**		ug/m³	0.053	0.29	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
110-54-3	n-Hexane	**0.93**		ug/m³	0.029	0.24	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
142-82-5	n-Heptane	**0.67**		ug/m³	0.033	0.28	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
75-09-2	Methylene chloride	**1.4**	B	ug/m³	0.057	0.24	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.029	0.24	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.10	0.28	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
67-63-0	Isopropanol	ND		ug/m³	0.058	0.17	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.13	0.72	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
100-41-4	Ethyl Benzene	**0.68**		ug/m³	0.053	0.29	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.061	0.24	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
110-82-7	Cyclohexane	**0.42**		ug/m³	0.028	0.23	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.077	0.31	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.046	0.27	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
74-87-3	Chloromethane	**1.1**		ug/m³	0.042	0.14	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
67-66-3	Chloroform	**0.43**		ug/m³	0.050	0.33	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
75-00-3	Chloroethane	ND		ug/m³	0.021	0.18	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.051	0.21	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
75-15-0	Carbon disulfide	**3.1**		ug/m³	0.025	0.21	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
74-83-9	Bromomethane	ND		ug/m³	0.032	0.26	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
75-25-2	Bromoform	ND		ug/m³	0.13	0.70	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.10	0.42	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.042	0.35	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
71-43-2	Benzene	**1.4**		ug/m³	0.032	0.22	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
67-64-1	Acetone	**12**		ug/m³	0.050	0.16	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
591-78-6	2-Hexanone	ND		ug/m³	0.15	0.56	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **AO-1** **York Sample ID:** **12K0548-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0548	490-504 Myrtle Ave Bk, NY	)utdoor Ambient Ai	November 17, 2012 3:00 pm	11/19/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	**6.6**		ug/m³	0.080	0.20	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.22	2.4	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.090	0.41	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.073	0.41	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.044	0.29	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.043	0.67	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.081	0.47	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.069	0.31	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.066	0.27	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.10	0.41	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.040	1.7	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.11	0.50	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.040	0.27	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.033	0.27	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
75-69-4	Trichlorofluoromethane (Freon 11)	**1.6**		ug/m³	0.023	0.38	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.092	0.37	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	0.036	0.52	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.11	0.47	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.067	0.37	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
75-71-8	Dichlorodifluoromethane	**2.5**		ug/m³	0.084	0.34	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.52	0.52	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
124-48-1	Dibromochloromethane	ND		ug/m³	0.54	0.54	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.28	0.28	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.056	0.31	0.66666	EPA Compendium TO-15	11/20/2012 09:00	11/21/2012 01:45	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*77.3 %*	*70-130*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BK20819 **Preparation Method:** EPA TO15 PREP **Prepared By:** TD

YORK Sample ID	Client Sample ID	Preparation Date
12K0548-01	SV-4	11/20/12
12K0548-02	SV-5	11/20/12
12K0548-03	SV-6	11/20/12
12K0548-04	SV-7	11/20/12
12K0548-05	SV-8	11/20/12
12K0548-06	SV-9	11/20/12
12K0548-07	SV-10	11/20/12
12K0548-08	AI-1	11/20/12
12K0548-09	AI-2	11/20/12
12K0548-10	AO-1	11/20/12
BK20819-BLK1	Blank	11/20/12
BK20819-BS1	LCS	11/20/12
BK20819-DUP1	Duplicate	11/20/12

YORK
ANALYTICAL LABORATORIES, INC.

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20819 - EPA TO15 PREP											
Blank (BK20819-BLK1)									Prepared & Analyzed: 11/20/2012		
Vinyl Chloride	ND	0.52	ug/m³								
Vinyl acetate	ND	0.72	"								
Trichloroethylene	ND	0.27	"								
trans-1,3-Dichloropropylene	ND	0.46	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
Toluene	ND	0.38	"								
Tetrahydrofuran	ND	0.30	"								
Tetrachloroethylene	ND	0.69	"								
Styrene	ND	0.43	"								
Propylene	ND	0.18	"								
p-Ethyltoluene	ND	2.5	"								
p- & m- Xylenes	ND	0.44	"								
o-Xylene	ND	0.44	"								
n-Hexane	ND	0.36	"								
n-Heptane	ND	0.42	"								
Methylene chloride	0.60	0.35	"								
Methyl tert-butyl ether (MTBE)	ND	0.37	"								
4-Methyl-2-pentanone	ND	0.42	"								
Isopropanol	ND	0.25	"								
Hexachlorobutadiene	ND	1.1	"								
Ethyl Benzene	ND	0.44	"								
Ethyl acetate	ND	0.37	"								
Cyclohexane	ND	0.35	"								
cis-1,3-Dichloropropylene	ND	0.46	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
Chloromethane	ND	0.21	"								
Chloroform	ND	0.50	"								
Chloroethane	ND	0.27	"								
Carbon tetrachloride	ND	0.32	"								
Carbon disulfide	ND	0.32	"								
Bromomethane	ND	0.39	"								
Bromoform	ND	1.1	"								
Bromodichloromethane	ND	0.63	"								
Benzyl chloride	ND	0.53	"								
Benzene	ND	0.32	"								
Acetone	ND	0.24	"								
2-Hexanone	ND	0.83	"								
2-Butanone	ND	0.30	"								
1,4-Dioxane	ND	3.7	"								
1,4-Dichlorobenzene	ND	0.61	"								
1,3-Dichlorobenzene	ND	0.61	"								
1,3-Butadiene	ND	0.44	"								
1,3,5-Trimethylbenzene	ND	1.0	"								
1,2-Dichlorotetrafluoroethane	ND	0.71	"								
1,2-Dichloropropane	ND	0.47	"								
1,2-Dichloroethane	ND	0.41	"								
1,2-Dichlorobenzene	ND	0.61	"								
1,2,4-Trimethylbenzene	ND	2.5	"								
1,2,4-Trichlorobenzene	ND	0.75	"								
1,1-Dichloroethylene	ND	0.40	"								
1,1-Dichloroethane	ND	0.41	"								
Trichlorofluoromethane (Freon 11)	ND	0.57	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	"								

YORK
ANALYTICAL LABORATORIES, INC.

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20819 - EPA TO15 PREP											
Blank (BK20819-BLK1)								Prepared & Analyzed: 11/20/2012			
1,1,2,2-Tetrachloroethane	ND	0.70	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
Dichlorodifluoromethane	ND	0.50	"								
1,2-Dibromoethane	ND	0.78	"								
Dibromochloromethane	ND	0.82	"								
Methyl Methacrylate	ND	0.42	"								
Chlorobenzene	ND	0.47	"								
Surrogate: p-Bromofluorobenzene	*8.80*		*ppbv*	*10.0*		*88.0*	*70-130*				
LCS (BK20819-BS1)								Prepared & Analyzed: 11/20/2012			
Vinyl Chloride	9.83		ppbv	10.1		97.3	70-130				
Vinyl acetate	0.0900		"	9.70		0.928	58.1-135	Low Bias			
Trichloroethylene	6.35		"	10.2		62.3	70-130	Low Bias			
trans-1,3-Dichloropropylene	6.10		"	9.90		61.6	62-135	Low Bias			
trans-1,2-Dichloroethylene	8.44		"	9.50		88.8	58.3-130				
Toluene	8.34		"	10.8		77.2	64.9-126				
Tetrahydrofuran	11.8		"	10.2		116	44.6-146				
Tetrachloroethylene	7.97		"	10.5		75.9	70-130				
Styrene	12.0		"	10.7		112	66.4-132				
Propylene	8.35		"	11.0		75.9	62.4-150				
p-Ethyltoluene	11.4		"	10.4		109	73.8-146				
p- & m- Xylenes	20.9		"	21.0		99.5	56.6-136				
o-Xylene	11.2		"	10.8		104	67.8-133				
n-Hexane	9.16		"	10.3		88.9	59.7-130				
n-Heptane	9.06		"	10.4		87.1	62.3-134				
Methylene chloride	7.26		"	10.0		72.6	62.6-130				
Methyl tert-butyl ether (MTBE)	12.0		"	10.2		117	60.7-139				
4-Methyl-2-pentanone	8.09		"	10.0		80.9	64.5-158				
Isopropanol	8.88		"	9.90		89.7	60-150				
Hexachlorobutadiene	11.8		"	11.0		107	61.2-150				
Ethyl Benzene	10.8		"	10.7		101	68.4-125				
Ethyl acetate	15.3		"	10.0		153	40.6-150	High Bias			
Cyclohexane	9.62		"	10.2		94.3	60.4-127				
cis-1,3-Dichloropropylene	7.11		"	10.7		66.4	65.5-129				
cis-1,2-Dichloroethylene	9.19		"	10.5		87.5	51.3-118				
Chloromethane	8.99		"	10.1		89.0	64.9-130				
Chloroform	8.97		"	10.0		89.7	65.1-130				
Chloroethane	10.6		"	10.1		105	52.1-131				
Carbon tetrachloride	8.42		"	10.1		83.4	70-130				
Carbon disulfide	9.62		"	10.0		96.2	61.8-111				
Bromomethane	9.44		"	10.2		92.5	60.1-140				
Bromoform	12.2		"	10.5		117	58.7-150				
Bromodichloromethane	6.48		"	10.2		63.5	65.3-127	Low Bias			
Benzyl chloride	9.41		"	10.2		92.3	62.5-150				
Benzene	11.4		"	10.4		110	69.5-130				
Acetone	10.4		"	10.0		104	55.3-133				
2-Hexanone	7.90		"	10.1		78.2	52-150				
2-Butanone	11.0		"	10.0		110	28.5-154				
1,4-Dioxane	15.5		"	10.2		152	50-150	High Bias			
1,4-Dichlorobenzene	12.1		"	10.6		114	62.5-139				
1,3-Dichlorobenzene	11.7		"	10.2		114	71.9-153				
1,3-Butadiene	10.3		"	10.5		98.5	66.7-127				
1,3,5-Trimethylbenzene	12.2		"	10.6		115	65-152				
1,2-Dichlorotetrafluoroethane	9.19		"	10.1		91.0	63.3-129				

YORK
ANALYTICAL LABORATORIES, INC.

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20819 - EPA TO15 PREP											
LCS (BK20819-BS1)								Prepared & Analyzed: 11/20/2012			
1,2-Dichloropropane	6.99		ppbv	10.7		65.3	21.3-152				
1,2-Dichloroethane	9.18		"	10.4		88.3	51.2-124				
1,2-Dichlorobenzene	12.2		"	10.6		115	63.7-148				
1,2,4-Trimethylbenzene	11.3		"	10.7		106	67.9-152				
1,2,4-Trichlorobenzene	11.1		"	11.0		101	58-147				
1,1-Dichloroethylene	8.46		"	9.80		86.3	58.1-130				
1,1-Dichloroethane	9.46		"	10.2		92.7	63.3-130				
Trichlorofluoromethane (Freon 11)	8.61		"	10.5		82.0	56-132				
1,1,2-Trichloroethane	7.91		"	10.7		73.9	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.23		"	9.70		95.2	60.2-125				
1,1,2,2-Tetrachloroethane	12.7		"	10.8		117	63.7-132				
1,1,1-Trichloroethane	9.17		"	10.4		88.2	58.2-126				
Dichlorodifluoromethane	7.73		"	10.0		77.3	62.8-133				
1,2-Dibromoethane	7.68		"	10.6		72.5	70-130				
Dibromochloromethane	8.06		"	10.6		76.0	70-130				
Methyl Methacrylate	6.72		"	10.1		66.5	70-130	Low Bias			
Chlorobenzene	11.4		"	10.8		106	67.6-122				
Surrogate: p-Bromofluorobenzene	*8.35*		*"*	*10.0*		*83.5*	*70-130*				
Duplicate (BK20819-DUP1)	*Source sample: 12K0548-07 (SV-10)							Prepared: 11/20/2012 Analyzed: 11/21/2012			
Vinyl Chloride	ND	8.8	ug/m³		ND					25	
Vinyl acetate	ND	12	"		ND					25	
Trichloroethylene	19	4.6	"		19				0.00	25	
trans-1,3-Dichloropropylene	ND	7.8	"		ND					25	
trans-1,2-Dichloroethylene	ND	6.8	"		ND					25	
Toluene	37	6.5	"		36				1.77	25	
Tetrahydrofuran	ND	5.1	"		ND					25	
Tetrachloroethylene	820	12	"		840				1.97	25	
Styrene	ND	7.4	"		ND					25	
Propylene	ND	3.0	"		ND					25	
p-Ethyltoluene	24	42	"		28				16.4	25	
p- & m- Xylenes	59	7.5	"		67				13.0	25	
o-Xylene	19	7.5	"		22				14.3	25	
n-Hexane	ND	6.1	"		ND					25	
n-Heptane	11	7.1	"		12				6.06	25	
Methylene chloride	11	6.0	"		12				5.13	25	
Methyl tert-butyl ether (MTBE)	ND	6.2	"		ND					25	
4-Methyl-2-pentanone	ND	7.1	"		ND					25	
Isopropanol	ND	4.2	"		ND					25	
Hexachlorobutadiene	ND	18	"		ND					25	
Ethyl Benzene	21	7.5	"		24				13.3	25	
Ethyl acetate	ND	6.2	"		ND					25	
Cyclohexane	ND	5.9	"		ND					25	
cis-1,3-Dichloropropylene	ND	7.8	"		ND					25	
cis-1,2-Dichloroethylene	ND	6.8	"		ND					25	
Chloromethane	ND	3.6	"		ND					25	
Chloroform	34	8.4	"		35				2.47	25	
Chloroethane	ND	4.6	"		ND					25	
Carbon tetrachloride	ND	5.4	"		ND					25	
Carbon disulfide	ND	5.4	"		ND					25	
Bromomethane	ND	6.7	"		ND					25	
Bromoform	ND	18	"		ND					25	
Bromodichloromethane	ND	11	"		ND					25	
Benzyl chloride	ND	8.9	"		ND					25	

YORK
ANALYTICAL LABORATORIES, INC.

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20819 - EPA TO15 PREP											
Duplicate (BK20819-DUP1)	*Source sample: 12K0548-07 (SV-10)								Prepared: 11/20/2012 Analyzed: 11/21/2012		
Benzene	11	5.5	ug/m³		11				0.00	25	
Acetone	4300	4.1	"		4300				1.19	25	
2-Hexanone	ND	14	"		ND					25	
2-Butanone	ND	5.1	"		ND					25	
1,4-Dioxane	ND	62	"		ND					25	
1,4-Dichlorobenzene	ND	10	"		ND					25	
1,3-Dichlorobenzene	ND	10	"		ND					25	
1,3-Butadiene	ND	7.5	"		ND					25	
1,3,5-Trimethylbenzene	11	17	"		13				14.3	25	
1,2-Dichlorotetrafluoroethane	ND	12	"		ND					25	
1,2-Dichloropropane	ND	8.0	"		ND					25	
1,2-Dichloroethane	ND	7.0	"		ND					25	
1,2-Dichlorobenzene	ND	10	"		ND					25	
1,2,4-Trimethylbenzene	25	42	"		29				15.9	25	
1,2,4-Trichlorobenzene	ND	13	"		ND					25	
1,1-Dichloroethylene	ND	6.8	"		ND					25	
1,1-Dichloroethane	ND	7.0	"		ND					25	
Trichlorofluoromethane (Freon 11)	ND	9.7	"		ND					25	
1,1,2-Trichloroethane	ND	9.4	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	13	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	12	"		ND					25	
1,1,1-Trichloroethane	ND	9.4	"		ND					25	
Dichlorodifluoromethane	ND	8.5	"		ND					25	
1,2-Dibromoethane	ND	13	"		ND					25	
Dibromochloromethane	ND	14	"		ND					25	
Methyl Methacrylate	ND	7.1	"		ND					25	
Chlorobenzene	ND	7.9	"		ND					25	
Surrogate: p-Bromofluorobenzene	*8.26*		*ppbv*	*10.0*		*82.6*	*70-130*				

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record - AIR

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. ~~120234~~ 12K0548

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: Hydrotech Environmental	Company:	Company:	490-504 Myrtle Ave BK, NY	Rush 48 hr ✓	Summary Report
Address: 77 Arkaydrive Hauppauge NY 11788	Address: SAME	Address: SAME		RUSH - Same Day ☐	Summary w/ QA Summary
Phone No. 631-462-5866	Phone No.	Phone No.		RUSH - Next Day ☐	CT RCP Package
Contact Person: Paul Matli	Attention: Paul Matli	Attention: Muslima Ward	Purchase Order No. 5421	RUSH - Two Day ☐	NY ASP A Package
E-Mail Address: pmatli@hydrotech environmental	E-Mail Address: pmatli@hydrotech environmental	E-Mail Address: mward@hydrotech environmental	Samples from: CT___ NY✓ NJ___	RUSH - Three Day ☐	NY ASP B/CLP Pkg
				RUSH - Four Day ☐	NJDEP Reduced
				Standard(5-7 Days) ☐	*Electronic Deliverables:* EDD (Specify Type)
					Standard Excel ✓
					Regulatory Comparison Excel

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature): [signature]

Name (printed): Alvin Chau

Air Matrix Codes

- AI - INDOOR Ambient Air
- AO- OUTDOOR Amb. Air
- AE- Vapor Extraction Well/ Process Gas/Effluent
- AS- SOIL Vapor/Sub-Slab

TO15 Volatiles and Other Gas Analyses

EPA TO-15 List	EPA TO-14A List
NYSDEC VI list	Tentatively Identified Compounds
NYSDEC STARS List	Air VPH
Project Specific List by TO-15	Helium
NJDEP Target List	Methane
CTDEP RCP Target List	OTHER_____

Detection Limits Required

- ≤ 1 ug/m³ ___
- NYSDEC VI Limits ___ (VI = vapor intrusion)
- NJDEP low level ___
- Routine Survey ___
- Other <0.5 ug/m³ ✓

Special Instructions

Rush turn around time 48 hrs from pick-up

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum Afer Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
SV-4	11/17	AS	-28	0	EPA TO-15	6 Liter Summa canister ✓ Tedlar Bag___
SV-5	↓	↓	-29	-4	↓	6 Liter Summa canister ✓ Tedlar Bag___
SV-6	↓	↓	-30	-20	↓	6 Liter Summa canister ✓ Tedlar Bag___
SV-7	↓	↓	-30	-4	↓	6 Liter Summa canister ✓ Tedlar Bag___
SV-8	↓	↓	-30	-30	↓	6 Liter Summa canister ✓ Tedlar Bag___
SV-9	↓	↓	-30	-5	↓	6 Liter Summa canister ✓ Tedlar Bag___
SV-10	↓	↓	-30	-4	↓	6 Liter Summa canister ✓ Tedlar Bag___
AI-1	↓	AI	-30	-5	↓	6 Liter Summa canister ✓ Tedlar Bag___
AI-2	↓	AI	-30	-10	↓	6 Liter Summa canister ✓ Tedlar Bag___
AO-1	↓	AO	-30	-2	↓	6 Liter Summa canister ✓ Tedlar Bag___

Comments: Report in Excel, PDF and EDD
Compare data w/ NYSDOH Indoor air quality

Samples Relinquished By: [signature]	Date/Time: 11-19-12 11-19-12	Samples Received By: K Baker	Date/Time: 11-19-12 1140 AM
Samples Relinquished By:	Date/Time:	Samples Received in LAB by: [signature]	Date/Time: 11/19/12-1800