260 WEST 126TH STREET

NEW YORK, NEW YORK 10027

Remedial Investigation Report

NYC VCP Site Number: TBD

OER Site Number: 17EHAN255M

Prepared for:

Velocity Framers

5014 16th Avenue (Suite 468)

Brooklyn, New York 11204

Prepared by:

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

1808 Middle Country Road

Ridge, NY 11961

DECEMBER 2016

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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	Photo-ionization Detector
QEP	Qualified Environmental Professional
RI	Remedial Investigation
RIR	Remedial Investigation Report
SCO	Soil Cleanup Objective
SPEED	Searchable Property Environmental Electronic Database

CERTIFICATION

I, Robert Bennett, 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 Redevelopment Project located at 260 W. 126th Street, New York, NY, (OER Project Number TBD). 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.

Robert M. Bennett	5/3/2017	
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 consists of a single tax lot on the south side of West 126th Street, approximately 120 feet to the east side of Frederick Douglass Boulevard (formerly Eighth Avenue) and approximately 570 feet to the west of Adam C Powell Boulevard in the Harlem neighborhood of the Borough of Manhattan, City of New York. The street address associated with the Site is 260 West 126th Street, Manhattan, NY 10027 and is identified as Block 1931 and Lot 56 on the New York City (NYC) Tax Map (**Figure 1**). The lot is rectangle-shaped, has 125 feet of street frontage along West 126th Street and extends approximately 100 feet back away from the street covering a 12,490 square foot area.

The Site is currently developed with a two-story church building with a full cellar level covering 2,725 square foot (sf) footprint on the western portion of the Site. The remaining portion of the Site is paved and utilized as a parking lot. The Site is bordered to the east by a one-story building occupied by H&R Block and a hardware store and a four-story office building present along Frederick Douglas Blvd. The Site is bordered to the west by a four-story commercial use building occupied by Apollo theatre. The southern adjacent property is occupied by a two to three story commercial use building occupied by Red Lobster and Banana Republic. W. 126th Street is present to the north of the Site followed by a vacant lot. A map of the site boundary is shown on **Figure 2**.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of redeveloping the property with a twelve-story commercial building (church and hotel) with a full cellar level. The proposed building will cover the entire lot and will have a full basement level. The basement will include a men's and women's bathroom, two offices, a meeting room, an indoor parking lot and two elevators. The

first floor will include a 5,480 sf congregation room, a residential lobby, 2,800 sf of commercial space, a rear yard area and two elevators. The second through ninth floors will consist of ten hotel rooms and a corridor on each floor. The tenth through twelfth floors will consist of ten hotel rooms each with terraces present along the north side of the building.

The 12,490 sf cellar level will require excavation to a depth of approximately 12 feet below grade across the entire building footprint (i.e., 12 feet below the existing parking lot grade and 8 feet below the existing cellar foundation). An estimated 5,134.8 cubic yards (7,701.7 tons) of soil will require excavation for the new building's cellar. An additional 15 cubic yards (22.5 tons) of soil will require excavation for the installation of the two elevator pits. The water table is present at a depth of approximately 23-25 feet below grade, and therefore will not be encountered during excavation.

Layout of the redevelopment plans for the cellar and first floor is presented in **Figure 3**. The current zoning designation is commercial (C4-4D) with no commercial overlay. The proposed use is consistent with existing zoning for the property.

Summary of Past Uses of Site and Areas of Concern

A Phase I Environmental Site Assessment (ESA) was prepared for the Site by EBC in October 2016. The Site History as established in the Phase I ESA is as follows: The Site has been developed since at least 1902. In 1902, the Site was divided into six separate tax parcels with six tightly grouped 4-story residential buildings present on the north side of the Site along W. 126th Street. The Site remained generally unchanged through 1912. By 1951 the Site was mostly undeveloped except for the western portion of the Site where a 4-story storefront building with lumber storage remained. A 1962 Certificate of Occupancy indicates the presence of the current two-story church building. This is the oldest record indicating the age of the onsite building that was encountered while preparing the Phase I ESA. By 1976 a church was present on the west side of the Site and the remainder of the Site was undeveloped. This is consistent with the current layout of the Site; however, the Site remained divided into six separate lots. The Site has remained generally unchanged through the current day with a two-story church building on the west side and licensed parking on the east side of the Site.

The Phase I ESA did not identify any Recognized Environmental Conditions (RECs); however, the following additional environmental concerns were identified:

1. The Site was assigned an E-designation (E-201) for Hazmat, Noise, and Air as part of the 125th Street Corridor Rezoning and Related Actions completed by the City in April 2008 (CEQR# 07DCP030M). The HazMat E-Designation requires a Phase I and Phase II Testing Protocol. The Air E-Designation requires that any new residential and/or commercial development must endure that the heating, ventilation and air conditioning (HVAC) stacks are located at least 79 and 63 feet for No. 4 fuel oil and No. 2 fuel oil from the lot lines or use natural gas as the type of fuel for space heating and hot water systems to avoid any potential significant adverse air quality impacts. The Noise E-Designation requires a 30dBA attenuation level for indoor spaces; and,
2. Due to the age of the onsite building there is a potential for the presence of asbestos-containing materials, lead-based paints and coatings and PCB-containing fixtures and equipment.

Summary of the Work Performed under the Remedial Investigation

EBC performed the following scope of work at the Site in October-November 2016:

1. Conducted a site inspection on October 28, 2016 to identify areas of concern (AOCs) and physical obstructions (i.e., structures, accessible areas to perform Phase II, etc.);
2. Installed eight (8) soil borings (SB1-SB8) and collected sixteen (16) soil samples and one (1) duplicate for chemical analysis from the soil borings;
3. Installed four (4) groundwater monitoring wells (MW1-MW4) and collected four (4) groundwater samples and one duplicate groundwater sample for chemical analysis to evaluate groundwater quality; and
4. Installed five (5) soil gas implants (SG1-SG5) and collected five (5) soil gas samples for chemical analysis.

Summary of Environmental Findings

1. The elevation of the Site is approximately 32 feet.
2. Depth to groundwater ranges from 22.90 to 24.67 feet below sidewalk grade.

3. Groundwater flow is generally towards the south. This is likely due to the presence of sub-grade structures because general groundwater flow direction would be expected to move in an easterly direction. The nearest subway line is located two blocks to the east of the Site along Malcom X Blvd. and due to distance is not likely to impact groundwater flow direction.
4. Depth to bedrock is at the Site is greater than 100 feet.
5. The stratigraphy of the Site consists of approximately 12 feet of historic fill.
6. Soil/fill samples results were compared to New York State Department of Environmental Conservation (NYSDEC) Unrestricted Use Soil Cleanup Objectives and Restricted Residential Use Soil Cleanup Objectives (SCOs) as presented in 6NYCRR Part 375-6.8. No PCBs were detected in any of the samples and trace concentrations of VOCs were detected but none exceeded Unrestricted Use SCOs. Several SVOCs including, benz(a)anthracene (max. 1,100 µg/kg), benzo(a)pyrene (1,100 max. µg/kg), benzo(b)fluoranthene (max. 1,100 µg/kg), benzo(k)fluoranthene (max. 1,100 µg/kg), chrysene (max. 1,300 µg/kg), and indeno(1,2,3-cd)pyrene (max. 810 µg/kg) were detected above Unrestricted Use SCOs. Total SVOCs were measured at 0.0 ug/kg to 13,070 ug/kg with the highest concentrations detected in shallow soil and a maximum concentration detected at sample location SB5 (0-2'). Of these detections benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene were detected above Restricted Residential SCOs. Two pesticides, 4,4'-DDE (max. of 22 µg/kg) and 4,4'-DDT (max. 25 µg/kg) were detected above the Unrestricted Use SCOs. Several metals including arsenic (max. 15.7 µg/kg), barium (max. of 2,760 mg/kg), chromium (max. 44.1 mg/kg), copper (max. 76.4 mg/kg), lead (max. 2,040 mg/kg), mercury (max. 0.75 mg/kg), nickel (max. 228 µg/kg), and zinc (max. 1,960 mg/kg) exceeded Unrestricted Use SCOs. Of these metals, barium, lead and nickel also exceeded Restricted Residential Use SCOs in four shallow samples and two deep samples. Overall, the soil results were consistent with data identified at sites with urban fill material in NYC. No significant soil contamination was encountered.
7. Groundwater sample results were compared to New York State 6NYCRR Part 703.5 Class GA groundwater quality standards (GQS). Groundwater results showed no VOCs, PCBs or pesticides in any sample. Several SVOCs including, benz(a)anthracene (max.

0.38 µg/L), benzo(a)pyrene (max. 0.38 µg/L), benzo(b)fluoranthene (max. 0.34 µg/L), benzo(k)fluoranthene (max. 0.3 µg/L). chrysene (max. 0.39), and indeno(1,2,3-cd)pyrene (max. 0.26 µg/L) exceeded their respective GQS. Several metals including, aluminum (max. 272 mg/L), arsenic (max. 0.065 mg/L), barium (max. 5.62 mg/L), beryllium (max. 0.028 mg/L), cadmium (max. 0.017 mg/L), chromium (max. 0.71 mg/L), copper (max. 2.4 mg/L), iron (max. 376 mg/L), lead (max. 0.535 mg/L), magnesium (max. 146 mg/L), manganese (max. 84.7 mg/L), nickel (max. 1.33 mg/L), sodium (max. 226 mg/L), and thallium (max. 0.001 mg/L) exceeded their respective GQS. Dissolved metals were not analyzed as part of this remedial investigation. No significant groundwater contamination was encountered.

8. Soil vapor samples collected during the RI were compared to the compounds listed in Table 3.1 Air Guideline Values Derived by the NYSDOH located in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion dated October 2006. Soil vapor samples collected during the RI showed moderate levels of petroleum-related VOCs and chlorinated VOCs. The total concentration of petroleum-related VOCs (BTEX) ranged from 20.58 µg/m^3 to 41.44 µg/m^3. Of the BTEX compounds, the highest concentration was detected for toluene at 16.5 µg/m^3. Of the chlorinated VOCs, carbon tetrachloride (max. 0.52 µg/m^3) and tetrachloroethene (PCE) (max. 16.5 µg/m^3) was detected in all five soil gas samples and the duplicate. Trichloroethene (TCE) (max. 0.62 µg/m^3) was detected in two samples and the duplicate. 1,1,1-trichloroethane (TCA) was not detected in any of the soil gas samples.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Velocity Framers has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 12,490 sq ft Site located at 260 West 126th Street in the Harlem neighborhood of Manhattan, New York. The Site will be redeveloped with a new twelve-story commercial building with a full cellar that will occupy the entire footprint of the Site. The portion of the RI work conducted on the Site was conducted on November 10th, November 15th, and November 18th of 2016. 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 consists of a single tax lot on the south side of West 126th Street, approximately 120 feet to the east side of Frederick Douglass Boulevard (formerly Eighth Avenue) and approximately 570 feet to the west of Adam C Powell Boulevard in the Harlem neighborhood of the Borough of Manhattan, City of New York. The street address associated with the Site is 260 West 126th Street, Manhattan, NY 10027 and is identified as Block 1931 and Lot 56 on the New York City (NYC) Tax Map. The lot is rectangle-shaped, has 125 feet of street frontage along West 126th Street and extends approximately 100 feet back away from the street covering a 12,490 square foot area.

The Site is currently developed with a two-story church building with a full cellar level covering 2,725 square foot (sf) footprint on the western portion of the Site. The remaining portion of the Site is paved and utilized as a parking lot. The Site is bordered to the west by a one-story building occupied by H&R Block and a hardware store and a four-story office building present along Frederick Douglas Blvd. The Site is bordered to the east by a four-story commercial use building occupied by Apollo theatre. The southern adjacent property is occupied by a two to three story commercial use building occupied by Red Lobster and Banana Republic. W. 126th Street is present to the north of the Site followed by a vacant lot.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of redeveloping the property with a twelve-story commercial building (church and hotel) with a full cellar level. The proposed building will cover the entire lot and will have a full basement level. The basement will include a men's and women's bathroom, two offices, a meeting room, an indoor parking lot and two elevators. The first floor will include a 5,480 sf congregation room, a residential lobby, 2,800 sf of commercial space, a rear yard area and two elevators. The second through ninth floors will consist of ten hotel rooms and a corridor on each floor. The tenth through twelfth floors will consist of ten hotel rooms each with terraces present along the north side of the building.

The 12,490 sf cellar level will require excavation to a depth of approximately 12 feet below grade across the entire building footprint (i.e., 12 feet below the existing parking lot grade and 8 feet below the existing cellar foundation). An estimated 5,134.8 cubic yards (7,701.7 tons) of soil will require excavation for the new building's cellar. An additional 15 cubic yards (22.5 tons) of soil will require excavation for the installation of the two elevator pits. The water table is present at a depth of approximately 23-25 feet below grade, and therefore will not be encountered during excavation.

1.3 Description of Surrounding Property

The area immediately surrounding the Site consists of commercial/office buildings and industrial/manufacturing building to the west; a commercial/office building to south; West 126th Street followed by three vacant lots and a commercial/office building to the north; and a commercial/office building to the east. **Figure 4** shows the surrounding land usage of the adjacent properties listed below as well as additional properties located up to 500 feet away from the Site. One hospital, and one school are located within a 500 ft radius of the Site. There were no daycare facilities located within a 500 ft radius of the Site.

Surrounding Property Usage

Direction	Property Description
North – *Across West 126th Street*	Block 1932 Lots 5, 7, and 107 (263, 265 and 267 West 126th Street) – a 4,496 sq ft lot and two 1,998 sq ft lots that are paved and vacant. Block 1932 Lot 8 (261 West 126th Street) – a 2,000 sq ft lot developed with a three-story commercial/office building.

South – *Adjacent Property*	Block 1931, Lot 6 (261 West 125th Street) – a 9,992 sq ft lot developed with a two-story commercial/office building. Block 1931, Lot 1 (2330 8 Avenue) – an 11,590 sq ft lot developed with a four-story commercial/office building.
East – *Adjacent Property*	Block 1931, Lot 10 (253 West 125th Street) – a 17,454 sq ft lot developed with a five-story commercial/office building.
West – *Adjacent Property*	Block 1931, Lot 61 (2342 8 Avenue) – a 4,992 sq ft lot developed with a single-story commercial/office building. Block 1931, Lot 64 (2338 Fredrick Douglass Blvd) – a 2,500 sq ft lot developed with a two-story commercial/office building. Block 1931, Lot 63 (2340 8 Avenue) – a 2,500 sq ft lot developed with a four-story industrial/manufacturing building.

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2.0 SITE HISTORY

2.1 Past Uses and Ownership

A Phase I ESA was prepared for the Site by EBC in October 2016. The Site History as established in the Phase ESA is as follows: The Site has been developed since at least 1902. In 1902, the Site was divided into six separate tax parcels with six tightly grouped 4-story residential buildings present on the north side of the Site along W. 126th Street. The Site remained generally unchanged through 1912. By 1951 the Site was mostly undeveloped except for the western portion of the Site where a 4-story storefront building with lumber storage remained. By 1976 a church was present on the west side of the Site and the remainder of the Site was undeveloped. This is consistent with the current layout of the Site; however, the Site remained divided into six separate lots. A 1962 Certificate of Occupancy indicates the presence of the current two-story church building. This is the oldest record indicating the age of the onsite building that was encountered while preparing the Phase I ESA. The Site has remained generally unchanged through the current day with a two-story church building on the west side and licensed parking on the east side of the Site. The adjacent and surrounding area has been historically developed with residential, community structures, and commercial uses, music halls, hotels, wagon repair facilities, tightly grouped residential residencies with store fronts on the ground floor, and lumber storage. The adjacent and surrounding area through current day has changed and is occupied by large structures including, churches, large apartment complex buildings, department stores and schools, among tightly grouped mixed-use buildings with storefronts on the ground floor and residential apartments above.

No Recognized Environmental Conditions (RECs) were identified for the Site during the preparation of the Phase I ESA. However, the following additional environmental concerns were identified for the Site:

1. The Site was assigned an E-designation (E-201) for Hazmat, Noise, and Air as part of the 125th Street Corridor Rezoning and Related Actions completed by the City in April 2008 (CEQR# 07DCP030M). The HazMat E-Designation requires a Phase I and Phase II Testing Protocol. The Air E-Designation requires that any new residential and/or commercial development must endure that the heating, ventilation and air conditioning

(HVAC) stacks are located at least 79 and 63 feet for No. 4 fuel oil and No. 2 fuel oil from the lot lines or use natural gas as the type of fuel for space heating and hot water systems to avoid any potential significant adverse air quality impacts. The Noise E-Designation requires a 40dBA attenuation level for indoor spaces; and,

2. Due to the age of the onsite building there is a potential for the presence of asbestos-containing materials, lead-based paints and coatings and PCB-containing fixtures and equipment.

2.2 Previous Investigations

EBC is not aware of any previous investigations performed at the Site.

2.3 Site Inspection

A site inspection was conducted by EBC in October 2016. The Site is presently developed with a two-story church building occupying the western 24 ft of the Site and the remaining portion is paved and utilized as a parking lot.

2.4 Areas of Concern

No particular areas of concern were identified for the Site that required further investigation.

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3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Robert Bennett.

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.

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4.0 REMEDIAL INVESTIGATION ACTIVITIES

EBC performed the following scope of work at the Site in October-November 2016:

1. Conducted a site inspection on October 28, 2016 to identify areas of concern (AOCs) and physical obstructions (i.e., structures, accessible areas to perform Phase II, etc.);
2. Installed eight (8) soil borings (SB1-SB8) and collected sixteen (16) soil samples and one (1) duplicate for chemical analysis from the soil borings;
3. Installed four (4) groundwater monitoring wells (MW1-MW4) and collected four (4) groundwater samples and one duplicate groundwater sample for chemical analysis to evaluate groundwater quality; and
4. Installed five (5) soil gas implants (SG1-SG5) and collected five (5) soil gas samples for chemical analysis.

4.1 Geophysical Investigation

A geophysical survey was not performed at this Site because there was no history of USTs or ASTs on the Site or in the database resources, and the redevelopment plans require excavation of the entire property to be excavated to a depth of approximately 12 feet.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

On November 10 and 15 2016, eight soil borings (SB1 through SB8) were installed in the approximate locations shown on **Figure 5**. The soil boring locations were chosen to gain representative soil quality information across the Site. Soil borings SB2-SB5, SB7 and SB8 were collected continuously from grade to a final depth of 12 feet below existing grade using a truck mounted auger drill right utilizing a Standard Split-Spoon sampler by performing a Standard Penetration Tests (SPT). Soil borings SB1 and SB6 were collected continuously from cellar grade to a depth of 4 feet below cellar grade using a hand auger and 2 foot acetate liners. The existing church cellar is currently at 4' bgs. Soil recovered from each split spoon samplers and the acetate liners was field screened for the presence of VOCs with a photoionization detector (PID) and visually inspected for evidence of contamination. PID readings between 3-5 ppm were detected within one sample collected from soil boring SB1 at the 0 to 2 foot interval. An

olfactory detection was also noticed within soil boring SB5 at the 2 to 4 foot interval. Two soil samples were retained from each of the soil borings. The two soil samples collected from SB3-SB5, SB7, and SB8 represent the interval 0 to 2 feet and 10 to 12 feet below grade. The two soil samples collected from SB2 represent the intervals of 0 to 2 feet and 6 to 12 feet below grade. Due to machinery restrictions from the existing building and cellar, soil borings SB1 and SB6 were installed by hand to a final depth of approximately four feet below grade. Two samples were retained from soil borings SB1 and SB6 from the 0 to 2 feet and 2 to 4 feet below cellar grade intervals.

Soil boring details are provided in Table 1. Boring logs were prepared by a Qualified Environmental Professional and are attached in **Attachment B**.

Groundwater Monitoring Well Construction

Four temporary [1-inch] diameter PVC monitoring wells (MW1 through MW4) were installed at the approximate locations shown on **Figure 5**, with 10 feet of 0.010 slot screen set to intersect the water table. Since groundwater was encountered at approximately 23-24.5 feet below grade, monitoring wells were installed to a depth of 30 feet. Monitoring well sampling details are provided in **Table 1**. Monitoring well locations are shown in **Figure 5**.

Survey

Soil borings, monitoring wells and soil gas sampling locations were located to the nearest 0.10 foot with respect to two or more permanent site features. A groundwater elevation map is provided as **Figure 9**.

Water Level Measurement

Approximate groundwater level measurements were collected using a Solinst oil/water interface meter to ensure the surface of the water table was within the screened section of the monitoring well. No free product was observed within any of the three monitoring wells. Water level data is included in Table 1.

4.3 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation was conducted for all Areas of Concern and also considered other means for bias of sampling based on professional judgment, area

history, discolored soil, stressed vegetation, drainage patterns, field instrument measurements, odor, or other field indicators. All media including soil 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

Sixteen soil samples and one duplicate were collected for chemical analysis during this RI. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in **Tables 2, 3, 4** and **5**. The two soil samples collected from SB3-SB5, SB7, and SB8 represent the interval 0 to 2 feet and 10 to 12 feet below grade. The two soil samples collected from SB1 and SB6 represent the intervals of 0 to 2 feet and 2 to 4 feet below grade. Due to machinery restrictions from the existing building and cellar, soil borings SB1 and SB6 were installed by hand to a final depth of approximately four feet below cellar grade. **Figure 5** shows the location of samples collected during this RI. Laboratories and analytical methods for soil samples collected during the RI are shown below.

The soil samples were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted for analysis with proper chain of custody to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). All soil samples retained were analyzed for the presence of volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082, and target analyte list (TAL) metals.

Groundwater Sampling

Four groundwater samples and one duplicate sample were collected for chemical analysis during this RI. Groundwater samples were collected from the monitoring wells utilizing dedicated 2 inch groundwater bailers. The groundwater samples were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted to Phoenix for analysis of VOCs by

EPA Method 8260, SVOCs by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082 and TAL metals. Groundwater sample collection data is reported in **Tables 6, 7, 8** and **9**. Sampling logs with information on purging and sampling of groundwater monitoring wells are included in **Appendix C**. **Figure 5** shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Soil Vapor Sampling

Five soil vapor probes were installed and five soil vapor samples were collected for chemical analysis during this RI. The soil vapor sampling locations are shown in **Figure 5**. Soil vapor sample collection data is reported in **Table 10**, and the soil vapor sampling logs are included in **Attachment D**. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

The soil vapor probes (SG2 through SG5) were installed using the truck-mounted auger drill. Due to access restrictions within the building and cellar, the soil vapor probe, SG1, was installed as a sub-slab sample via hand auguring equipment. The approximate location of each of the soil vapor probes is shown on **Figure 5**. The vapor probes that were installed are constructed of a 6-inch length of double woven stainless steel wire. The soil vapor probes installed within the parking lot (SG2 through SG5) were placed to a depth of 12 feet below grade. The sub-slab soil vapor probe within the cellar of the building was installed to a depth of 6-12 inches below cellar grade. Each probe was attached to ¼ inch polyethylene tubing which extended approximately 18 inches beyond that needed to reach the surface. The tubing was capped with a ¼ inch plastic end to prevent the infiltration of foreign particles into the tube. Coarse sand was placed around each probe to a height of approximately 1 foot above the bottom of the probe. The remainder of the borehole was sealed with bentonite slurry to the surface.

Soil vapor sampling for the soil vapor probes installed on November 10 and 15, 2016, was conducted on November 18, 2016. Prior to sampling, each sampling location was tested to ensure a proper surface seal had been obtained. In accordance with NYSDOH guidance (NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005), a tracer gas (helium) was used as a quality assurance/quality control device to verify the integrity of the sampling point seal prior to collecting the samples. Prior to testing and collecting

samples, the surface immediately surrounding the polyethylene tubing of the vapor implant was sealed using a 1 foot ft by 1 ft square sheet of 2 mil HDPE plastic firmly adhered to a wetted layer of granular bentonite. The seal was then tested by enriching the air space above the seal with a tracer gas (helium) while continuously monitoring air drawn from the implant with a helium detector (Dielectric Model MGD-2002, Multi-Gas Detector) for a minimum of 15 minutes. The tracer gas test procedure was employed at all three soil vapor sampling locations. No surface seal leaks were observed at any of the locations.

Following verification that the surface seal was tight, one to three volumes (i.e., the volume of the sample probe and tube) of air was purged from the implant using a calibrated vacuum pump. After purging, a 6-liter Summa® canister, fitted with a 2-hour flow regulator, was attached to the surface tube of each of the three vapor implants. Prior to initiating sample collection, sample identification, canister number, date and start time were recorded on tags attached to each canister and in a bound field note book. Sampling then proceeded by fully opening the flow control valve on each canister in turn. Immediately after opening the flow control valve on a canister, the initial vacuum (inches of mercury) was recorded in the field book and on the sample tag. When the vacuum level in the canister was between 5 and 8 inches of mercury (approx 2 hours), the flow controller valve was closed, and the final vacuum recorded in the field notebook and on the sample tag.

The soil gas sample identification, date, start time, start vacuum, end time and end vacuum were recorded on tags attached to each canister and on a sample log sheet (**Attachment D**). Samples were submitted to Phoenix for laboratory analysis of VOCs EPA Method TO-15.

Chemical Analysis

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

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Phoenix Environmental Laboratories
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and was Phoenix Environmental Laboratories
Chemical Analytical Methods	Soil and groundwater analytical methods:

	• TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Soil vapor analytical methods: • VOCs by TO-15 VOC parameters.

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in Tables 2 through 10. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in **Attachment E.**

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

The stratigraphy of the Site consists of approximately 12 feet of historic fill below the paved parking lot and approximately 4 feet of historic fill below the cellar foundation.

Hydrogeology

A table of water level data for the monitoring wells is included in **Table 1**. The average depth to groundwater is 23.9 feet. Groundwater flows in a general southerly direction.

5.2 Soil Chemistry

Soil/fill samples results were compared to NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs) as presented in 6NYCRR Part 375-6.8 and CP51. No PCBs were detected in any of the samples and trace concentrations of VOCs were detected but none exceeded Unrestricted Use SCOs. Several SVOCs including, benz(a)anthracene (max. 1,100 µg/kg), benzo(a)pyrene (1,100 max. µg/kg), benzo(b)fluoranthene (max. 1,100 µg/kg), benzo(k)fluoranthene (max. 1,100 µg/kg), chrysene (max. 1,300 µg/kg), and indeno(1,2,3-cd)pyrene (max. 810 µg/kg) were detected above Unrestricted Use SCOs. Total SVOCs were measured at 0.0 ug/kg to 13,070 ug/kg with the highest concentrations detected in shallow soil and a maximum concentration detected at sample location SB5 (0-2'). Of these detections benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene were detected above Restricted Residential SCOs. Two pesticides, 4,4'-DDE (max. of 22 µg/kg) and 4,4'-DDT (max. 25 µg/kg) were detected above the Unrestricted Use SCOs. Several metals including arsenic (max. 15.7 µg/kg), barium (max. of 2,760 mg/kg), chromium (max. 44.1 mg/kg), copper (max. 76.4 mg/kg), lead (max. 2,040 mg/kg), mercury (max. 0.75 mg/kg), nickel (max. 228 µg/kg), and zinc (max. 1,960 mg/kg) exceeded Unrestricted Use SCOs. Of these metals, barium, lead and nickel also exceeded Restricted Residential Use SCOs in four shallow samples and two deep samples. Overall, the soil results were consistent with data identified at sites with urban fill material in NYC. No significant soil contamination was encountered.

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5.3 Groundwater Chemistry

Groundwater samples results were compared to New York State 6NYCRR Part 703.5 Class GA groundwater quality standards (GQS). Groundwater results showed no VOCs, PCBs or pesticides in any sample. Several SVOCs including, benz(a)anthracene (max. 0.38 µg/L), benzo(a)pyrene (max. 0.38 µg/L), benzo(b)fluoranthene (max. 0.34 µg/L), benzo(k)fluoranthene (max. 0.3 µg/L). chrysene (max. 0.39), and indeno(1,2,3-cd)pyrene (max. 0.26 µg/L) exceeded their respective GQS. Several metals including, aluminum (max. 272 mg/L), arsenic (max. 0.065 mg/L), barium (max. 5.62 mg/L), beryllium (max. 0.028 mg/L), cadmium (max. 0.017 mg/L), chromium (max. 0.71 mg/L), copper (max. 2.4 mg/L), iron (max. 376 mg/L), lead (max. 0.535 mg/L), magnesium (max. 146 mg/L), manganese (max. 84.7 mg/L), nickel (max. 1.33 mg/L), sodium (max. 226 mg/L), and thallium (max. 0.001 mg/L) exceeded their respective GQS. Dissolved metals were not analyzed as part of this remedial investigation. No significant groundwater contamination was encountered.

5.4 Soil Vapor Chemistry

Soil vapor results collected during the RI were compared to the compounds listed in Table 3.1 Air Guidance Values derived by the New York State Department of Health (NYSDOH) located in the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion, dated October 2006. Soil vapor samples collected during the RI showed moderate levels of petroleum-related VOCs and chlorinated VOCs. The total concentration of petroleum-related VOCs (BTEX) ranged from 20.58 µg/m^3 to 41.44 µg/m^3. Of the BTEX compounds, the highest concentration was detected for toluene at 16.5 µg/m^3. Of the chlorinated VOCs, carbon tetrachloride (max. 0.52 µg/m^3) and tetrachloroethene (PCE) (max. 16.5 µg/m^3) was detected in all five soil gas samples and the duplicate. Trichloroethene (TCE) (max. 0.62 µg/m^3) was detected in two samples and the duplicate. 1,1,1-trichloroethane (TCA) was not detected in any of the soil gas samples.

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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 for the Site.

5.6 Impediments to Remedial Action

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

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TABLES

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Table 1
260 West 126th Street,
New York, NY 10027
Soil Boring / Well Information

SAMPLE ID	Date	Total Depth (ft)	Diameter (in)	Installation Method	Screen Length (ft)	DTW (ft)
SB1	11/15/2016	4	2	Hand Auger	-	-
SB2	11/10/2016	12	2	Auger Drill Rig with Split Spoon	-	-
SB3	11/10/2016	12	2	Auger Drill Rig with Split Spoon	-	-
SB4	11/10/2016	12	2	Auger Drill Rig with Split Spoon	-	-
SB5	11/10/2016	12	2	Auger Drill Rig with Split Spoon	-	-
SB6	11/15/2016	4	2	Hand Auger	-	-
SB7	11/10/2016	12	2	Auger Drill Rig with Split Spoon	-	-
SB8	11/10/2016	12	2	Auger Drill Rig with Split Spoon	-	-
MW1	11/18/2016	30	2	Auger Drill Rig with Split Spoon	10	24.67
MW2	11/18/2016	30	2	Auger Drill Rig with Split Spoon	10	22.90
MW3	11/18/2016	30	2	Auger Drill Rig with Split Spoon	10	23.82
MW4	11/18/2016	30	2	Auger Drill Rig with Split Spoon	10	24.52

TABLE 2
260 West 126 Street,
New York, NY 10027
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1				SB2				SB3				SB4				SB5				SB6				SB7				SB8				Duplicate	
			(0-2')		(2-4')		(0-2')		(6-12')		(0-2')		(10-12')		(0-2')		(10-12')		(0-2')		(10-12')		(0-2')		(2-4')		(0-2')		(10-12')		(0-2')		(10-12')			
			11/15/2016		11/15/2016		11/10/2016		11/10/2016		11/10/2016		11/10/2016		11/10/2016		11/10/2016		11/10/2016		11/10/2016		11/15/2016		11/15/2016		11/10/2016		11/10/2016		11/10/2016		11/10/2016		11/15/2016	
			µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane			< 14	14	< 12	12	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 12	12	< 14	14	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 16	16
1,1,1-Trichloroethane	680	100,000	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
1,1,2,2-Tetrachloroethane			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 270	270	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
1,1,2-Trichloroethane			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
1,1-Dichloroethane	270	26,000	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
1,1-Dichloroethene	330	100,000	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
1,1-Dichloropropene			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
1,2,3-Trichlorobenzene			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 270	270	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
1,2,3-Trichloropropane			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 270	270	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
1,2,4-Trichlorobenzene			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 270	270	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
1,2,4-Trimethylbenzene	3,600	52,000	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	**0.31**	3.0	**700**	250	< 2.8	2.8	< 2.9	2.9	**0.57**	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 270	270	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
1,2-Dibromo-3-chloropropane			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 270	270	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
1,2-Dibromomethane			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
1,2-Dichlorobenzene	1,100	100,000	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 270	270	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
1,2-Dichloroethane	20	3,100	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
1,2-Dichloropropane			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
1,3,5-Trimethylbenzene	8,400	52,000	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	**7.8**	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 270	270	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
1,3-Dichlorobenzene	2,400	4,900	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 270	270	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
1,3-Dichloropropane			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
1,4-Dichlorobenzene	1,800	13,000	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 270	270	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
1,4-dioxane	100	13,000	< 53	53	< 46	46	< 57	57	< 45	45	< 67	67	< 42	42	< 43	43	< 57	57	< 53	53	< 86	86	< 45	45	< 54	54	< 100	100	< 77	77	< 73	73	< 93	93	< 59	59
2,2-Dichloropropane			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
2-Chlorotoluene			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 270	270	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
2-Hexanone (Methyl Butyl Ketone)			< 18	18	< 15	15	< 19	19	< 15	15	< 22	22	< 14	14	< 14	14	< 19	19	< 18	18	< 29	29	< 15	15	< 18	18	< 41	41	< 26	26	< 24	24	< 31	31	< 20	20
2-Isopropyltoluene			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 270	270	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
4-Chlorotoluene			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 270	270	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
4-Methyl-2-Pentanone			< 18	18	< 15	15	< 19	19	< 15	15	< 22	22	< 14	14	< 14	14	< 19	19	< 18	18	< 29	29	< 15	15	< 18	18	< 41	41	< 26	26	< 24	24	< 31	31	< 20	20
Acetone	50	100,000	**7.6**	18	**9.4**	15	**8.1**	19	**5.7**	15	**6.7**	22	**6.8**	14	**3.1**	14	**34**	19	< 18	18	**19**	29	**15**	15	< 18	18	< 41	41	**5.4**	26	< 24	24	**9.5**	31	**13**	20
Acrolein			< 14	14	< 12	12	< 15	15	< 12	12	< 18	18	< 11	11	< 11	11	< 15	15	< 14	14	< 23	23	< 12	12	< 14	14	< 33	33	< 21	21	< 20	20	< 25	25	< 16	16
Acrylonitrile			< 14	14	< 12	12	< 7.6	7.6	< 5.9	5.9	< 8.9	8.9	< 5.6	5.6	< 5.7	5.7	< 7.6	7.6	< 7.1	7.1	< 11	11	< 12	12	< 14	14	< 17	17	< 10	10	< 9.8	9.8	< 12	12	< 16	16
Benzene	60	4,800	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Bromobenzene			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 270	270	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Bromochloromethane			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Bromodichloromethane			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Bromoform			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Bromomethane			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Carbon Disulfide			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Carbon tetrachloride	760	2,400	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Chlorobenzene	1,100	100,000	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Chloroethane			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Chloroform	370	49,000	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Chloromethane			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
cis-1,2-Dichloroethene	250	100,000	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
cis-1,3-Dichloropropene			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Dibromochloromethane			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Dibromomethane			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Dichlorodifluoromethane			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Ethylbenzene	1,000	41,000	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	**56**	250	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Hexachlorobutadiene			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 270	270	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Isopropylbenzene			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	**37**	250	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 270	270	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
m&p-Xylenes	260	100,000	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	**230**	250	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 21	21	< 18	18	< 23	23	< 18	18	< 27	27	< 17	17	< 17	17	< 23	23	< 21	21	< 34	34	< 18	18	< 22	22	< 50	50	< 31	31	< 29	29	< 37	37	< 24	24
Methyl t-butyl ether (MTBE)	930	100,000	< 7.1	7.1	< 6.1	6.1	< 7.6	7.6	< 5.9	5.9	< 8.9	8.9	< 5.6	5.6	< 5.7	5.7	< 7.6	7.6	< 7.1	7.1	< 11	11	< 5.9	5.9	< 7.2	7.2	< 17	17	< 10	10	< 9.8	9.8	< 12	12	< 7.9	7.9
Methylene chloride	50	100,000	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Naphthalene			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	**260**	250	**0.62**	2.8	< 2.9	2.9	< 3.8	3.8	**2.7**	3.6	**11**	5.7	< 3.0	3.0	< 3.6	3.6	< 270	270	< 5.2	5.2	**200**	270	**1.3**	6.2	< 3.9	3.9
n-Butylbenzene	12,000	100,000	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	**130**	250	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 270	270	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
n-Propylbenzene	3,900	100,000	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	**100**	250	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 270	270	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
o-Xylene	260	100,000	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	**8.6**	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
p-Isopropyltoluene			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	**61**	250	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 270	270	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
sec-Butylbenzene	11,000	100,000	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	**94**	250	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 270	270	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Styrene			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
tert-butyl alcohol			< 71	71	< 61	61	< 76	76	< 59	59	< 89	89	< 56	56	< 57	57	< 76	76	< 71	71	< 110	110	< 59	59	< 72	72	< 170	170	< 100	100	< 98	98	< 120	120	< 79	79
tert-Butylbenzene	5,900	100,000	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 270	270	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Tetrachloroethene	1,300	19,000	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Tetrahydrofuran (THF)			< 7.1	7.1	< 6.1	6.1	< 7.6	7.6	< 5.9	5.9	< 8.9	8.9	< 5.6	5.6	< 5.7	5.7	< 7.6	7.6	< 7.1	7.1	< 11	11	< 5.9	5.9	< 7.2	7.2	< 17	17	< 10	10	< 9.8	9.8	< 12	12	< 7.9	7.9
Toluene	700	100,000	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	**27**	250	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
trans-1,2-Dichloroethene	190	100,000	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
trans-1,3-Dichloropropene			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
trabs-1,4-dichloro-2-butene			< 7.1	7.1	< 6.1	6.1	< 7.6	7.6	< 5.9	5.9	< 8.9	8.9	< 5.6	5.6	< 5.7	5.7	< 7.6	7.6	< 7.1	7.1	< 11	11	< 5.9	5.9	< 7.2	7.2	< 550	550	< 10	10	< 9.8	9.8	< 12	12	< 7.9	7.9
Trichloroethene	470	21,000	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Trichlorofluoromethane			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Trichlorotrifluoroethane			< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Vinyl Chloride	20	900	< 3.5	3.5	< 3.1	3.1	< 3.8	3.8	< 3.0	3.0	< 4.4	4.4	< 2.8	2.8	< 2.9	2.9	< 3.8	3.8	< 3.6	3.6	< 5.7	5.7	< 3.0	3.0	< 3.6	3.6	< 8.3	8.3	< 5.2	5.2	< 4.9	4.9	< 6.2	6.2	< 3.9	3.9
Total BTEX Concentration			0		0		0		0		321.6		0		0		0		0		0		0		0		0		0		0		0		0	
Total VOCs Concentration			7.6		9.4		8.1		6.01		1718.1		7.42		3.1		34.57		2.7		30		15		0		0		5.4		200		10.8		13	

Notes:
* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
RL- Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 3
260 West 126 Street,
New York, NY 10027
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1				SB2				SB3				SB4				SB5				SB6				SB7				SB8				Duplicate	
			(0-2')		(2-4')		(0-2')		(6-12')		(0-2')		(10-12')		(0-2')		(10-12')		(0-2')		(10-12')		(0-2')		(2-4')		(0-2')		(10-12')		(0-2')		(10-12')			
			11/15/2016		11/15/2016		11/10/2016		11/10/2016		11/10/2016		11/10/2016		11/10/2016		11/10/2016		11/10/2016		11/10/2016		11/15/2016		11/15/2016		11/10/2016		11/10/2016		11/10/2016		11/10/2016		11/15/2016	
			µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
1,2,4-Trichlorobenzene			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
1,2-Dichlorobenzene			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
1,2-Diphenylhydrazine			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
1,3-Dichlorobenzene			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
1,4-Dichlorobenzene			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
2,4,5-Trichlorophenol			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
2,4,6-Trichlorophenol			< 180	180	< 170	170	< 170	170	< 180	180	< 190	190	< 170	170	< 180	180	< 180	180	< 190	190	< 170	170	< 170	170	< 170	170	< 200	200	< 180	180	< 170	170	< 200	200	< 170	170
2,4-Dichlorophenol			< 180	180	< 170	170	< 170	170	< 180	180	< 190	190	< 170	170	< 180	180	< 180	180	< 190	190	< 170	170	< 170	170	< 170	170	< 200	200	< 180	180	< 170	170	< 200	200	< 170	170
2,4-Dimethylphenol			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
2,4-Dinitrophenol			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
2,4-Dinitrotoluene			< 180	180	< 170	170	< 170	170	< 180	180	< 190	190	< 170	170	< 180	180	< 180	180	< 190	190	< 170	170	< 170	170	< 170	170	< 200	200	< 180	180	< 170	170	< 200	200	< 170	170
2,6-Dinitrotoluene			< 180	180	< 170	170	< 170	170	< 180	180	< 190	190	< 170	170	< 180	180	< 180	180	< 190	190	< 170	170	< 170	170	< 170	170	< 200	200	< 180	180	< 170	170	< 200	200	< 170	170
2-Chloronaphthalene			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
2-Chlorophenol			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
2-Methylnaphthalene			< 250	250	< 240	240	< 240	240	< 250	250	**390**	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
2-Methylphenol (o-cresol)	330	100,000	< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
2-Nitroaniline			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
2-Nitrophenol			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	**380**	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
3&4-Methylphenol (m&p-cresol)	330	100,000	< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
3,3'-Dichlorobenzidine			< 180	180	< 170	170	< 170	170	< 180	180	< 190	190	< 170	170	< 180	180	< 180	180	< 190	190	< 170	170	< 170	170	< 170	170	< 200	200	< 180	180	< 170	170	< 200	200	< 170	170
3-Nitroaniline			< 350	350	< 350	350	< 350	350	< 360	360	< 370	370	< 340	340	< 360	360	< 350	350	< 380	380	< 340	340	< 340	340	< 350	350	< 390	390	< 350	350	< 340	340	< 390	390	< 350	350
4,6-Dinitro-2-methylphenol			< 210	210	< 210	210	< 210	210	< 220	220	< 220	220	< 210	210	< 220	220	< 210	210	< 230	230	< 210	210	< 200	200	< 210	210	< 230	230	< 210	210	< 200	200	< 240	240	< 210	210
4-Bromophenyl phenyl ether			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
4-Chloro-3-methylphenol			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
4-Chloroaniline			< 280	280	< 280	280	< 280	280	< 290	290	< 300	300	< 270	270	< 290	290	< 280	280	< 310	310	< 270	270	< 270	270	< 280	280	< 310	310	< 280	280	< 270	270	< 320	320	< 280	280
4-Chlorophenyl phenyl ether			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
4-Nitroaniline			< 350	350	< 350	350	< 350	350	< 360	360	< 370	370	< 340	340	< 360	360	< 350	350	< 380	380	< 340	340	< 340	340	< 350	350	< 390	390	< 350	350	< 340	340	< 390	390	< 350	350
4-Nitrophenol			< 350	350	< 350	350	< 350	350	< 360	360	< 370	370	< 340	340	< 360	360	< 350	350	< 380	380	< 340	340	< 340	340	< 350	350	< 390	390	< 350	350	< 340	340	< 390	390	< 350	350
Acenaphthene	20,000	100,000	< 250	250	< 240	240	< 240	240	< 250	250	**110**	260	< 240	240	< 250	250	< 250	250	**190**	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	**140**	280	< 240	240
Acenaphthylene	100,000	100,000	< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	**100**	250	**120**	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
Acetophenone			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
Aniline			< 280	280	< 280	280	< 280	280	< 290	290	< 300	300	< 270	270	< 290	290	< 280	280	< 310	310	< 270	270	< 270	270	< 280	280	< 310	310	< 280	280	< 270	270	< 320	320	< 280	280
Anthracene	100,000	100,000	< 250	250	< 240	240	< 240	240	< 250	250	**210**	260	< 240	240	< 250	250	**160**	250	**330**	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	**260**	280	< 240	240
Benz(a)anthracene	1,000	1,000	< 250	250	< 240	240	**180**	240	< 250	250	**670**	260	< 240	240	**280**	250	**510**	250	**1,100**	270	< 240	240	< 240	240	< 240	240	**340**	270	< 250	250	**140**	240	**660**	280	< 240	240
Benzidine			< 350	350	< 350	350	< 350	350	< 360	360	< 370	370	< 340	340	< 360	360	< 350	350	< 380	380	< 340	340	< 340	340	< 350	350	< 390	390	< 350	350	< 340	340	< 390	390	< 350	350
Benzo(a)pyrene	1,000	1,000	< 180	180	< 170	170	**190**	170	< 180	180	**680**	190	< 170	170	**300**	180	**540**	180	**1,100**	190	< 170	170	< 170	170	< 170	170	**330**	200	< 180	180	**120**	170	**650**	200	< 170	170
Benzo(b)fluoranthene	1,000	1,000	< 250	250	< 240	240	**200**	240	< 250	250	**690**	260	< 240	240	**250**	250	**550**	250	**1,100**	270	< 240	240	< 240	240	< 240	240	**270**	270	< 250	250	< 240	240	**570**	280	< 240	240
Benzo(ghi)perylene	100,000	100,000	< 250	250	< 240	240	**130**	240	< 250	250	**420**	260	< 240	240	**160**	250	**390**	250	**640**	270	< 240	240	< 240	240	< 240	240	**170**	270	< 250	250	< 240	240	**330**	280	< 240	240
Benzo(k)fluoranthene	800	3,900	< 250	250	< 240	240	**180**	240	< 250	250	**650**	260	< 240	240	**270**	250	**530**	250	**1,100**	270	< 240	240	< 240	240	< 240	240	**280**	270	< 250	250	**120**	240	**630**	280	< 240	240
Benzoic acid			< 1800	1,800	< 1700	1,700	< 1700	1,700	< 1800	1,800	< 1900	1,900	< 1700	1,700	< 1800	1,800	< 1800	1,800	< 1900	1,900	< 1700	1,700	< 1700	1,700	< 1700	1,700	< 2000	2,000	< 1800	1,800	< 1700	1,700	< 2000	2,000	< 1700	1,700
Benzyl butyl phthalate			**140**	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
Bis(2-chloroethoxy)methane			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
Bis(2-chloroethyl)ether			< 180	180	< 170	170	< 170	170	< 180	180	< 190	190	< 170	170	< 180	180	< 180	180	< 190	190	< 170	170	< 170	170	< 170	170	< 200	200	< 180	180	< 170	170	< 200	200	< 170	170
Bis(2-chloroisopropyl)ether			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
Bis(2-ethylhexyl)phthalate			< 250	250	**120**	240	**120**	240	**160**	250	**130**	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	**160**	240
Carbazole			< 180	180	< 170	170	< 170	170	< 180	180	< 190	190	< 170	170	< 180	180	< 180	180	**160**	190	< 170	170	< 170	170	< 170	170	< 200	200	< 180	180	< 170	170	**180**	200	< 170	170
Chrysene	1,000	3,900	< 250	250	< 240	240	**260**	240	**150**	250	**830**	260	< 240	240	**310**	250	**650**	250	**1,300**	270	< 240	240	< 240	240	< 240	240	**360**	270	< 250	250	**140**	240	**710**	280	< 240	240
Dibenz(a,h)anthracene	330	330	< 180	180	< 170	170	< 170	170	< 180	180	< 190	190	< 170	170	< 180	180	< 180	180	**180**	196	< 170	170	< 170	170	< 170	170	< 200	200	< 180	180	< 170	170	< 200	200	< 170	170
Dibenzofuran	7,000	59,000	< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
Diethyl phthalate			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
Dimethylphthalate			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
Di-n-butylphthalate			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
Di-n-octylphthalate			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
Fluoranthene	100,000	100,000	< 250	250	< 240	240	**270**	240	**220**	250	**1,500**	260	< 240	240	**410**	250	**1,000**	250	**1,800**	270	< 240	240	**170**	240	< 240	240	**550**	270	**140**	250	**270**	240	**1,200**	280	< 240	240
Fluorene	30,000	100,000	< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	**140**	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	**140**	280	< 240	240
Hexachlorobenzene			< 180	180	< 170	170	< 170	170	< 180	180	< 190	190	< 170	170	< 180	180	< 180	180	< 190	190	< 170	170	< 170	170	< 170	170	< 200	200	< 180	180	< 170	170	< 200	200	< 170	170
Hexachlorobutadiene			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
Hexachlorocyclopentadiene			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
Hexachloroethane			< 180	180	< 170	170	< 170	170	< 180	180	< 190	190	< 170	170	< 180	180	< 180	180	< 190	190	< 170	170	< 170	170	< 170	170	< 200	200	< 180	180	< 170	170	< 200	200	< 170	170
Indeno(1,2,3-cd)pyrene	500	500	< 250	250	< 240	240	**130**	240	< 250	250	**490**	260	< 240	240	**180**	250	**450**	250	**810**	270	< 240	240	< 240	240	< 240	240	**230**	270	< 250	250	< 240	240	**430**	280	< 240	240
Isophorone			< 280	280	< 1300	1,300	< 170	170	< 180	180	< 190	190	< 170	170	< 180	180	< 180	180	< 190	190	< 170	170	< 2300	2,300	< 170	170	< 200	200	< 180	180	< 170	170	< 200	200	< 1400	1,400
Naphthalene	12,000	100,000	< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	**150**	280	< 240	240
Nitrobenzene			< 180	180	< 170	170	< 170	170	< 180	180	< 190	190	< 170	170	< 180	180	< 180	180	< 190	190	< 170	170	< 170	170	< 170	170	< 200	200	< 180	180	< 170	170	< 200	200	< 170	170
N-Nitrosodimethylamine			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
N-Nitrosodi-n-propylamine			< 180	180	< 170	170	< 170	170	< 180	180	< 190	190	< 170	170	< 180	180	< 180	180	< 190	190	< 170	170	< 170	170	< 170	170	< 200	200	< 180	180	< 170	170	< 200	200	< 170	170
N-Nitrosodiphenylamine			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
Pentachloronitrobenzene			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
Pentachlorophenol	800	6,700	< 210	210	< 210	210	< 210	210	< 220	220	< 220	220	< 210	210	< 220	220	< 210	210	< 230	230	< 210	210	< 200	200	< 210	210	< 230	230	< 210	210	< 200	200	< 240	240	< 210	210
Phenanthrene	100,000	100,000	< 250	250	< 240	240	**190**	240	**270**	250	**1,100**	260	< 240	240	**380**	250	**760**	250	**1,400**	270	< 240	240	**110**	240	< 240	240	**560**	270	**110**	250	**290**	240	**1,200**	280	< 240	240
Phenol	330	100,000	< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
Pyrene	100,000	100,000	< 250	250	< 240	240	**260**	240	**210**	250	**1,300**	260	< 240	240	**400**	250	**880**	250	**1,600**	270	< 240	240	**160**	240	< 240	240	**460**	270	**120**	250	**210**	240	**1,000**	280	< 240	240
Pyridine			< 250	250	< 240	240	< 240	240	< 250	250	< 260	260	< 240	240	< 250	250	< 250	250	< 270	270	< 240	240	< 240	240	< 240	240	< 270	270	< 250	250	< 240	240	< 280	280	< 240	240
Total SVOCs			**140.0**		**120.0**		**2,110.0**		**1,010.0**		**9,170.0**		**0.0**		**2,940.0**		**6,520.0**		**13,070.0**		**0.0**		**820.0**		**0.0**		**3,550.0**		**370.0**		**1,290.0**		**8,250.0**		**160.0**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 4
260 West 126 Street,
New York, NY 10027
Soil Analytical Results
Pesticides PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1				SB2				SB3				SB4				SB5				SB6				SB7				SB8				Duplicate	
				(0-2')		(2-4')		(0-2')		(6-12')		(0-2')		(10-12')		(0-2')		(10-12')		(0-2')		(10-12')		(0-2')		(2-4')		(0-2')		(10-12')		(0-2')		(10-12')			
				11/15/2016		11/15/2016		11/10/2016		11/10/2016		11/10/2016		11/10/2016		11/10/2016		11/10/2016		11/10/2016		11/10/2016		11/15/2016		11/15/2016		11/10/2016		11/10/2016		11/10/2016		11/10/2016		11/15/2016	
				µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	3.3	13,000	< 2.1	2.1	< 2.1	2.1	< 2.1	2.1	< 2.2	2.2	< 2.2	2.2	< 2.1	2.1	< 2.2	2.2	< 2.2	2.2	< 2.2	2.2	< 2.1	2.1	< 2.0	2.0	< 2.1	2.1	< 2.3	2.3	< 2.1	2.1	< 2.1	2.1	< 2.4	2.4	< 2.1	2.1
Pesticides	4,4' -DDE	3.3	8,900	< 2.1	2.1	< 2.1	2.1	< 2.1	2.1	< 2.2	2.2	**22**	2.2	< 2.1	2.1	< 2.2	2.2	< 2.2	2.2	< 2.2	2.2	< 2.1	2.1	**12**	2.0	**3.8**	2.1	< 2.3	2.3	< 2.1	2.1	< 2.1	2.1	< 2.4	2.4	< 2.1	2.1
Pesticides	4,4' -DDT	3.3	7,900	< 2.1	2.1	< 2.1	2.1	< 3.0	3.0	< 2.2	2.2	**25**	2.2	< 2.1	2.1	< 2.2	2.2	< 2.2	2.2	< 2.2	2.2	< 2.1	2.1	**3.9**	2.0	**13**	2.1	**4.8**	2.3	< 2.1	2.1	< 2.1	2.1	< 2.4	2.4	**4.6**	2.1
Pesticides	a-BHC	20	480	< 7.1	7.1	< 6.8	6.8	< 7.1	7.1	< 7.3	7.3	< 7.4	7.4	< 7.0	7.0	< 7.4	7.4	< 7.2	7.2	< 7.5	7.5	< 7.0	7.0	< 6.7	6.7	< 6.9	6.9	< 7.7	7.7	< 7.0	7.0	< 6.9	6.9	< 7.9	7.9	< 7.0	7.0
Pesticides	a-Chlordane	94	4,200	< 3.5	3.5	< 3.4	3.4	< 7.0	7.0	< 3.7	3.7	< 3.7	3.7	< 3.5	3.5	< 3.7	3.7	< 3.6	3.6	< 3.7	3.7	< 3.5	3.5	< 3.4	3.4	< 3.5	3.5	< 3.8	3.8	< 3.5	3.5	< 3.4	3.4	< 3.9	3.9	< 3.5	3.5
Pesticides	Aldrin	5	97	< 3.5	3.5	< 3.4	3.4	< 3.5	3.5	< 3.7	3.7	< 3.7	3.7	< 3.5	3.5	< 3.7	3.7	< 3.6	3.6	< 3.7	3.7	< 3.5	3.5	< 3.4	3.4	< 3.5	3.5	< 3.8	3.8	< 3.5	3.5	< 3.4	3.4	< 3.9	3.9	< 3.5	3.5
Pesticides	b-BHC	36	360	< 7.1	7.1	< 6.8	6.8	< 7.1	7.1	< 7.3	7.3	< 7.4	7.4	< 7.0	7.0	< 7.4	7.4	< 7.2	7.2	< 7.5	7.5	< 7.0	7.0	< 6.7	6.7	< 6.9	6.9	< 7.7	7.7	< 7.0	7.0	< 6.9	6.9	< 7.9	7.9	< 7.0	7.0
Pesticides	Chlordane	94	4,200	< 35	35	< 34	34	< 35	35	< 37	37	< 37	37	< 35	35	< 37	37	< 36	36	< 37	37	< 35	35	< 34	34	< 35	35	< 38	38	< 35	35	< 34	34	< 39	39	< 35	35
Pesticides	d-BHC	40	100,000	< 7.1	7.1	< 6.8	6.8	< 7.1	7.1	< 7.3	7.3	< 7.4	7.4	< 7.0	7.0	< 7.4	7.4	< 7.2	7.2	< 7.5	7.5	< 7.0	7.0	< 6.7	6.7	< 6.9	6.9	< 7.7	7.7	< 7.0	7.0	< 6.9	6.9	< 7.9	7.9	< 7.0	7.0
Pesticides	Dieldrin	5	200	< 3.5	3.5	< 3.4	3.4	< 3.5	3.5	< 3.7	3.7	< 3.7	3.7	< 3.5	3.5	< 3.7	3.7	< 3.6	3.6	< 3.7	3.7	< 3.5	3.5	< 3.4	3.4	< 3.5	3.5	< 3.8	3.8	< 3.5	3.5	< 3.4	3.4	< 3.9	3.9	< 3.5	3.5
Pesticides	Endosulfan I	2,400	24,000	< 7.1	7.1	< 6.8	6.8	< 7.1	7.1	< 7.3	7.3	< 7.4	7.4	< 7.0	7.0	< 7.4	7.4	< 7.2	7.2	< 7.5	7.5	< 7.0	7.0	< 6.7	6.7	< 6.9	6.9	< 7.7	7.7	< 7.0	7.0	< 6.9	6.9	< 7.9	7.9	< 7.0	7.0
Pesticides	Endosulfan II	2,400	24,000	< 7.1	7.1	< 6.8	6.8	< 7.1	7.1	< 7.3	7.3	< 7.4	7.4	< 7.0	7.0	< 7.4	7.4	< 7.2	7.2	< 7.5	7.5	< 7.0	7.0	< 6.7	6.7	< 6.9	6.9	< 7.7	7.7	< 7.0	7.0	< 6.9	6.9	< 7.9	7.9	< 7.0	7.0
Pesticides	Endosulfan sulfate	2,400	24,000	< 7.1	7.1	< 6.8	6.8	< 7.1	7.1	< 7.3	7.3	< 7.4	7.4	< 7.0	7.0	< 7.4	7.4	< 7.2	7.2	< 7.5	7.5	< 7.0	7.0	< 6.7	6.7	< 6.9	6.9	< 7.7	7.7	< 7.0	7.0	< 6.9	6.9	< 7.9	7.9	< 7.0	7.0
Pesticides	Endrin	14	11,000	< 7.1	7.1	< 6.8	6.8	< 7.1	7.1	< 7.3	7.3	< 7.4	7.4	< 7.0	7.0	< 7.4	7.4	< 7.2	7.2	< 7.5	7.5	< 7.0	7.0	< 6.7	6.7	< 6.9	6.9	< 7.7	7.7	< 7.0	7.0	< 6.9	6.9	< 7.9	7.9	< 7.0	7.0
Pesticides	Endrin aldehyde			< 7.1	7.1	< 6.8	6.8	< 7.1	7.1	< 7.3	7.3	< 7.4	7.4	< 7.0	7.0	< 7.4	7.4	< 7.2	7.2	< 7.5	7.5	< 7.0	7.0	< 6.7	6.7	< 6.9	6.9	< 7.7	7.7	< 7.0	7.0	< 6.9	6.9	< 7.9	7.9	< 7.0	7.0
Pesticides	Endrin ketone			< 7.1	7.1	< 6.8	6.8	< 7.1	7.1	< 7.3	7.3	< 7.4	7.4	< 7.0	7.0	< 7.4	7.4	< 7.2	7.2	< 7.5	7.5	< 7.0	7.0	< 6.7	6.7	< 6.9	6.9	< 7.7	7.7	< 7.0	7.0	< 6.9	6.9	< 7.9	7.9	< 7.0	7.0
Pesticides	g-BHC			< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.3	1.3	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4	< 1.6	1.6	< 1.4	1.4
Pesticides	g-Chlordane			< 3.5	3.5	< 3.4	3.4	< 3.5	3.5	< 3.7	3.7	< 3.7	3.7	< 3.5	3.5	< 3.7	3.7	< 3.6	3.6	< 3.7	3.7	< 3.5	3.5	< 3.4	3.4	< 3.5	3.5	< 3.8	3.8	< 3.5	3.5	< 3.4	3.4	< 3.9	3.9	< 3.5	3.5
Pesticides	Heptachlor	42	2,100	< 7.1	7.1	< 6.8	6.8	< 7.1	7.1	< 7.3	7.3	< 7.4	7.4	< 7.0	7.0	< 7.4	7.4	< 7.2	7.2	< 7.5	7.5	< 7.0	7.0	< 6.7	6.7	< 6.9	6.9	< 7.7	7.7	< 7.0	7.0	< 6.9	6.9	< 7.9	7.9	< 7.0	7.0
Pesticides	Heptachlor epoxide			< 7.1	7.1	< 6.8	6.8	< 7.1	7.1	< 7.3	7.3	< 7.4	7.4	< 7.0	7.0	< 7.4	7.4	< 7.2	7.2	< 7.5	7.5	< 7.0	7.0	< 6.7	6.7	< 6.9	6.9	< 7.7	7.7	< 7.0	7.0	< 6.9	6.9	< 7.9	7.9	< 7.0	7.0
Pesticides	Methoxychlor			< 35	35	< 34	34	< 35	35	< 37	37	< 37	37	< 35	35	< 37	37	< 36	36	< 37	37	< 35	35	< 34	34	< 35	35	< 38	38	< 35	35	< 34	34	< 39	39	< 35	35
Pesticides	Toxaphene			< 140	140	< 140	140	< 140	140	< 150	150	< 150	150	< 140	140	< 150	150	< 140	140	< 150	150	< 140	140	< 130	130	< 140	140	< 150	150	< 140	140	< 140	140	< 160	160	< 140	140
PCBs	PCB-1016	100	1,000	< 71	71	< 68	68	< 71	71	< 73	73	< 74	74	< 70	70	< 74	74	< 72	72	< 75	75	< 70	70	< 67	67	< 69	69	< 77	77	< 70	70	< 69	69	< 79	79	< 70	70
PCBs	PCB-1221	100	1,000	< 71	71	< 68	68	< 71	71	< 73	73	< 74	74	< 70	70	< 74	74	< 72	72	< 75	75	< 70	70	< 67	67	< 69	69	< 77	77	< 70	70	< 69	69	< 79	79	< 70	70
PCBs	PCB-1232	100	1,000	< 71	71	< 68	68	< 71	71	< 73	73	< 74	74	< 70	70	< 74	74	< 72	72	< 75	75	< 70	70	< 67	67	< 69	69	< 77	77	< 70	70	< 69	69	< 79	79	< 70	70
PCBs	PCB-1242	100	1,000	< 71	71	< 68	68	< 71	71	< 73	73	< 74	74	< 70	70	< 74	74	< 72	72	< 75	75	< 70	70	< 67	67	< 69	69	< 77	77	< 70	70	< 69	69	< 79	79	< 70	70
PCBs	PCB-1248	100	1,000	< 71	71	< 68	68	< 71	71	< 73	73	< 74	74	< 70	70	< 74	74	< 72	72	< 75	75	< 70	70	< 67	67	< 69	69	< 77	77	< 70	70	< 69	69	< 79	79	< 70	70
PCBs	PCB-1254	100	1,000	< 71	71	< 68	68	< 71	71	< 73	73	< 74	74	< 70	70	< 74	74	< 72	72	< 75	75	< 70	70	< 67	67	< 69	69	< 77	77	< 70	70	< 69	69	< 79	79	< 70	70
PCBs	PCB-1260	100	1,000	< 71	71	< 68	68	< 71	71	< 73	73	< 74	74	< 70	70	< 74	74	< 72	72	< 75	75	< 70	70	< 67	67	< 69	69	< 77	77	< 70	70	< 69	69	< 79	79	< 70	70
PCBs	PCB-1262	100	1,000	< 71	71	< 68	68	< 71	71	< 73	73	< 74	74	< 70	70	< 74	74	< 72	72	< 75	75	< 70	70	< 67	67	< 69	69	< 77	77	< 70	70	< 69	69	< 79	79	< 70	70
PCBs	PCB-1268	100	1,000	< 71	71	< 68	68	< 71	71	< 73	73	< 74	74	< 70	70	< 74	74	< 72	72	< 75	75	< 70	70	< 67	67	< 69	69	< 77	77	< 70	70	< 69	69	< 79	79	< 70	70

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 5
260 West 126 Street,
New York, NY 10027
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1				SB2				SB3				SB4				SB5				SB6				SB7				SB8				Duplicate	
			(0-2')		(2-4')		(0-2')		(6-12')		(0-2')		(10-12')		(0-2')		(10-12')		(0-2')		(10-12')		(0-2')		(2-4')		(0-2')		(10-12')		(0-2')		(10-12')			
			11/15/2016		11/15/2016		11/10/2016		11/10/2016		11/10/2016		11/10/2016		11/10/2016		11/10/2016		11/10/2016		11/10/2016		11/15/2016		11/15/2016		11/10/2016		11/10/2016		11/10/2016		11/10/2016		11/15/2016	
			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	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			7,020	33	4,220	35	5,750	34	7,270	34	9,670	38	7,060	33	5,520	34	9,110	36	7,870	36	5,780	32	3,260	35	10,500	32	8,470	36	9,970	35	8,220	31	7,930	41	4,910	38
Antimony			< 1.7	1.7	< 1.7	1.7	< 1.7	1.7	< 1.7	1.7	< 1.9	1.9	< 1.8	1.8	< 1.7	1.7	< 1.8	1.8	14.9	1.8	< 1.6	1.6	< 1.8	1.8	< 1.6	1.6	< 1.8	1.8	< 1.7	1.7	< 1.6	1.6	< 2.1	2.1	< 1.9	1.9
Arsenic	13	16	2.38	0.66	1.45	0.69	4.6	0.68	2.9	0.68	7.95	0.76	1.78	0.71	6.67	0.69	5.65	0.72	15.7	0.73	1.52	0.65	3.05	0.70	2.26	0.65	8.51	0.72	2.71	0.69	1.91	0.63	7.13	0.83	1.68	0.75
Barium	350	350	56.7	0.7	35.6	0.7	102	0.7	142	0.7	901	0.8	154	0.7	993	0.7	394	0.7	729	0.7	33	0.6	56.2	0.7	122	0.6	2,760	7.2	131	0.7	73.6	0.6	703	0.8	42.2	0.8
Beryllium	7.2	14	0.36	0.27	0.29	0.28	0.47	0.27	0.36	0.27	0.51	0.30	0.36	0.28	0.34	0.27	0.33	0.29	0.34	0.29	0.29	0.26	0.57	0.28	0.38	0.26	0.37	0.29	0.45	0.28	0.27	0.25	0.34	0.33	0.31	0.30
Cadmium	2.5	2.5	< 0.33	0.33	< 0.35	0.35	0.52	0.34	0.39	0.34	2.27	0.38	< 0.36	0.36	1.1	0.34	0.65	0.36	1.1	0.36	< 0.32	0.32	0.62	0.35	< 0.32	0.32	2.36	0.36	0.51	0.35	< 0.31	0.31	< 0.41	0.41	< 0.38	0.38
Calcium			21,200	33	5,700	3.5	43,800	34	13,300	34	27,700	38	6,860	3.6	46,800	34	25,900	36	49,800	36	2,150	3.2	5,140	3.5	10,600	32	50,000	36	6,460	3.5	4,000	3.1	59,700	41	9,560	3.8
Chromium	30	180	15.4	0.33	12.8	0.35	14.1	0.34	15.6	0.34	28.1	0.38	16.1	0.36	44.1	0.34	30.2	0.36	14.7	0.36	19	0.32	8.48	0.35	26.9	0.32	27.7	0.36	35.5	0.35	16.8	0.31	17.5	0.41	14.4	0.38
Cobalt			6.79	0.33	4.84	0.35	9.67	0.34	6.65	0.34	9.9	0.38	9.46	0.36	6.51	0.34	8.82	0.36	6.83	0.36	5.8	0.32	4.28	0.35	12.5	0.32	9.6	0.36	11.3	0.35	7.74	0.31	5.9	0.41	5.75	0.38
Copper	50	270	19.9	0.33	14	0.35	76.4	0.34	47.8	0.34	67.4	0.38	26.1	0.36	36.2	0.34	45.1	0.36	28.4	0.36	26.8	0.32	14.1	0.35	32.5	0.32	53.9	0.36	64.5	0.35	35.3	0.31	19.6	0.41	16.7	0.38
Iron			11,600	33	8,360	35	12,700	34	12,600	34	28,700	38	12,400	33	13,700	34	14,700	36	28,100	36	10,900	32	23,800	35	18,600	32	15,600	36	21,100	35	12,400	31	11,500	41	9,460	38
Lead	63	400	38.3	0.7	23.4	0.7	138	6.8	189	6.8	562	7.6	134	0.7	642	6.9	247	7.2	2,040	73	4.1	0.6	235	7.0	21.2	0.6	696	7.2	58.3	0.7	30.8	0.6	782	8.3	33.6	0.8
Magnesium			4,710	3.3	2,380	3.5	15,300	34	3,730	3.4	7,590	38	4,460	33	4,490	3.4	4,080	3.6	5,090	3.6	2,580	3.2	1,450	3.5	5,820	32	5,080	3.6	3,820	3.5	3,240	3.1	3,290	4.1	2,920	3.8
Manganese	1,600	2,000	438	3.3	315	3.5	183	3.4	332	3.4	296	3.8	357	3.3	268	3.4	357	3.6	243	3.6	318	3.2	179	3.5	403	3.2	283	3.6	469	3.5	291	3.1	272	4.1	350	3.8
Mercury	0.18	0.81	0.53	0.03	< 0.03	0.03	0.02	0.03	0.48	0.03	0.25	0.03	0.04	0.03	0.25	0.03	0.16	0.03	0.34	0.03	< 0.03	0.03	0.45	0.03	0.09	0.03	0.26	0.03	0.42	0.03	0.23	0.03	0.75	0.03	< 0.02	0.02
Nickel	30	140	14.6	0.33	14.4	0.35	43.6	0.34	13.4	0.34	36.1	0.38	34.6	0.36	228	3.4	67.7	0.36	14.2	0.36	14.1	0.32	9.77	0.35	30	0.32	19.2	0.36	26.2	0.35	15.9	0.31	13.6	0.41	16.7	0.38
Potassium			1,500	7	846	7	1,370	7	1,550	7	1,430	8	1,110	7	1,210	7	1,290	7	1,170	7	938	6	800	7	3,080	6	2,450	7	1,260	7	1,700	6	857	83	979	8
Selenium	3.9	36	< 1.3	1.3	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.3	1.3	< 1.4	1.4	< 1.3	1.3	< 1.4	1.4	< 1.4	1.4	< 1.3	1.3	< 1.7	1.7	< 1.5	1.5
Silver	2	36	< 0.33	0.33	< 0.35	0.35	< 0.34	0.34	< 0.34	0.34	< 0.38	0.38	< 0.36	0.36	< 0.34	0.34	< 0.36	0.36	< 0.36	0.36	< 0.32	0.32	< 0.35	0.35	< 0.32	0.32	< 0.36	0.36	< 0.35	0.35	< 0.31	0.31	< 0.41	0.41	< 0.38	0.38
Sodium			389	7	333	7	517	7	852	7	832	8	591	7	403	7	1,020	7	720	7	376	6	189	7	286	6	385	7	1,040	7	634	6	481	83	417	8
Thallium			< 1.3	1.3	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.3	1.3	< 1.4	1.4	< 1.3	1.3	< 1.4	1.4	< 1.4	1.4	< 1.3	1.3	< 1.7	1.7	< 1.5	1.5
Vanadium			24.1	0.33	14.9	0.35	39.8	0.34	23.4	0.34	72.3	0.38	22.9	0.36	36	0.34	31.4	0.36	22.9	0.36	15.9	0.32	15	0.35	44.1	0.32	37.5	0.36	51.1	0.35	31.5	0.31	23.5	0.41	17.6	0.38
Zinc	109	2,200	30.5	0.7	16.8	0.7	167	6.8	75.3	0.7	685	7.6	81.5	0.7	664	6.9	260	7.2	690	7.3	29.2	0.6	92.8	0.7	38.9	0.6	1,960	72	83.5	0.7	37.5	0.6	400	8.3	20.9	0.8

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 6
260 West 126 Street,
New York, NY 10027
Ground Water Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	MW1		MW2		MW3		MW4		Duplicate	
		11/18/2016		11/18/2016		11/18/2016		11/18/2016		11/18/2016	
		µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
1,1,1,2-Tetrachlorothane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,2-Trichloroethane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloropropene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dibromo-3-chloropropane	0.04	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
1,2-Dibromoethane		< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2-Dichlorobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dichloroethane	0.6	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	0.94	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,2-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Methyl-2-Pentanone		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Acetone		**3.7**	5.0	**3.2**	5.0	**3.7**	5.0	**3.8**	5.0	**4.3**	5.0
Acrolein		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	1	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70
Bromobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromochloromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromodichloromethane		**0.43**	1.0	**0.54**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide	60	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Carbon tetrachloride	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chlorobenzene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	**2**	5.0	**2.2**	5.0	**6.1**	5.0	**1.7**	5.0	**6.8**	5.0
Chloromethane	60	**0.97**	5.0	**1.7**	5.0	**1.5**	5.0	**0.89**	5.0	**1.1**	5.0
cis-1,2-Dichloroethene	5	**0.5**	1.0	**0.46**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
cis-1,3-Dichloropropene		< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dibromomethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Ethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Hexachlorobutadiene	0.5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
m&p-Xylenes	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methyl Ethyl Ketone (2-Butanone)		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methylene chloride	5	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0
Naphthalene	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Butylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Propylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
o-Xylene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Styrene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
tert-Butylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tetrachloroethene	5	**1.4**	1.0	**2.2**	1.0	**1**	1.0	**0.84**	1.0	**1.1**	1.0
Tetrahydrofuran (THF)		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Toluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Trichloroethene	5	**0.48**	1.0	**0.78**	1.0	**0.28**	1.0	**0.29**	1.0	**0.31**	1.0
Trichlorofluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Vinyl Chloride	2	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0

Notes:
RL- Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 7
260 West 126 Street,
New York, NY 10027
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	MW1		MW2		MW3		MW4		Duplicate	
		11/18/2016		11/18/2016		11/18/2016		11/18/2016		11/18/2016	
		µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
1,2,4-Trichlorobenzene		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,2-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Diphenylhydrazine		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,4,5-Trichlorophenol	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,4,6-Trichlorophenol	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,4-Dichlorophenol		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,4-Dimethylphenol		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,4-Dinitrophenol	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,4-Dinitrotoluene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
2,6-Dinitrotoluene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
2-Chloronaphthalene	10	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
2-Chlorophenol	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Methylnaphthalene		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
2-Methylphenol (o-cresol)	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Nitroaniline	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
2-Nitrophenol	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
3&4-Methylphenol (m&p-cresol)		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
3,3'-Dichlorobenzidine	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
3-Nitroaniline	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
4,6-Dinitro-2-methylphenol	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Bromophenyl phenyl ether		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
4-Chloro-3-methylphenol	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Chloroaniline	5	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5
4-Chlorophenyl phenyl ether		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
4-Nitroaniline	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
4-Nitrophenol		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Acetophenone		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Aniline	5	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5	< 3.5	3.5
Anthracene	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzidine	5	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5
Benzoic acid		< 25	25	< 25	25	< 25	25	< 25	25	< 25	25
Benzyl butyl phthalate	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bis(2-chloroethoxy)methane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bis(2-chloroethyl)ether	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bis(2-chloroisopropyl)ether		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbazole		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Dibenzofuran		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Diethyl phthalate	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Dimethylphthalate	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Di-n-butylphthalate	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Di-n-octylphthalate	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Fluoranthene	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Fluorene	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Hexachlorobutadiene	0.5	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Hexachlorocyclopentadiene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Isophorone	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Naphthalene	10	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Nitrobenzene	0.4	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
N-Nitrosodimethylamine		< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
N-Nitrosodi-n-propylamine		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
N-Nitrosodiphenylamine	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Phenol	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Pyrene	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,2,4,5-Tetrachlorobenzene		< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Acenaphthene	20	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acenaphthylene		< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Benz(a)anthracene	0.002	< 0.02	0.02	< 0.02	0.02	**0.03**	0.02	**0.38**	0.02	**0.02**	0.02
Benzo(a)pyrene	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	**0.38**	0.02	< 0.02	0.02
Benzo(b)fluoranthene	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	**0.34**	0.02	< 0.02	0.02
Benzo(ghi)perylene		< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	**0.27**	0.02	< 0.02	0.02
Benzo(k)fluoranthene	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	**0.3**	0.02	< 0.02	0.02
Bis(2-ethylhexyl)phthalate	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**1.5**	1.0
Chrysene	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	**0.39**	0.02	**0.02**	0.02
Dibenz(a,h)anthracene		< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	**0.04**	0.02	< 0.02	0.02
Hexachlorobenzene	0.04	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Hexachloroethane	5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Indeno(1,2,3-cd)pyrene	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	**0.26**	0.02	< 0.02	0.02
Pentachloronitrobenzene		< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Pentachlorophenol	1	< 0.80	0.80	< 0.80	0.80	< 0.80	0.80	< 0.80	0.80	< 0.80	0.80
Phenanthrene	50	< 0.10	0.10	< 0.10	0.10	**0.13**	0.10	**0.36**	0.10	**0.17**	0.10
Pyridine	50	< 10	10	< 10	10	< 10	10	< 10	10	< 10	10

Notes:

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 8
260 West 126 Street,
New York, NY 10027
Groundwater Analytical Results
Pesticides/PCBs

	Compound	NYSDEC Groundwater Quality Standards	MW1		MW2		MW3		MW4		Duplicate	
			11/18/2016		11/18/2016		11/18/2016		11/18/2016		11/18/2016	
			µg/L		µg/L		µg/L		µg/L		µg/L	
			Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
PCBs	**PCB-1016**	0.09	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050
	PCB-1221	0.09	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050
	PCB-1232	0.09	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050
	PCB-1242	0.09	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050
	PCB-1248	0.09	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050
	PCB-1254	0.09	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050
	PCB-1260	0.09	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050
	PCB-1262	0.09	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050
	PCB-1268	0.09	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050
Pesticides	**4,4-DDD**	0.3	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
	4,4-DDE	0.2	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
	4,4-DDT	0.11	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
	a-BHC	0.94	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
	a-Chlordane		< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010
	Alachlor		< 0.075	0.075	< 0.075	0.075	< 0.075	0.075	< 0.075	0.075	< 0.075	0.075
	Aldrin		< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002
	b-BHC	0.04	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
	Chlordane	0.05	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050
	d-BHC	0.04	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
	Dieldrin	0.004	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002
	Endosulfan I		< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010
	Endosulfan II		< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010
	Endosulfan Sulfate		< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010
	Endrin		< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010
	Endrin aldehyde	5	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010
	Endrin ketone		< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010
	gamma-BHC	0.05	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.010	0.010
	g-Chlordane		< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010
	Heptachlor	0.04	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010
	Heptachlor epoxide	0.03	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010
	Methoxychlor	35	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
	Toxaphene		< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20

Notes:
RL- Reporting limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 9
260 West 126 Street,
New York, NY 10027
Groundwater Analytical Results
TAL Filtered Metals

Compound	NYSDEC Groundwater Quality Standards	MW1		MW2		MW3		MW4		Duplicate	
		11/18/2016		11/18/2016		11/18/2016		11/18/2016		11/18/2016	
		mg/L		mg/L		mg/L		mg/L		mg/L	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Aluminum	0.1	**185**	0.10	**136**	0.10	**272**	0.10	**272**	0.10	**241**	0.10
Antimony	0.003	< 0.002	0.002	< 0.002	0.002	**0.002**	0.002	**0.002**	0.002	**0.002**	0.002
Arsenic	0.025	**0.054**	0.004	**0.041**	0.004	**0.047**	0.004	**0.065**	0.004	**0.045**	0.004
Barium	1	**4.96**	0.010	**3.63**	0.010	**4.11**	0.010	**5.62**	0.010	**4.38**	0.010
Beryllium	0.003	**0.024**	0.001	**0.019**	0.001	**0.017**	0.001	**0.028**	0.001	**0.017**	0.001
Cadmium	0.005	**0.014**	0.004	**0.009**	0.004	**0.01**	0.004	**0.017**	0.004	**0.01**	0.004
Calcium		**267**	0.10	**190**	0.10	**203**	0.10	**291**	0.10	**204**	0.10
Chromium	0.05	**0.304**	0.001	**0.236**	0.001	**0.71**	0.001	**0.559**	0.001	**0.709**	0.001
Cobalt		**0.396**	0.005	**0.224**	0.005	**0.377**	0.005	**0.429**	0.005	**0.385**	0.005
Copper	0.2	**2.26**	0.050	**1.83**	0.005	**1.74**	0.005	**2.4**	0.050	**1.81**	0.005
Iron	0.3	**264**	0.10	**191**	0.10	**349**	0.10	**376**	0.10	**304**	0.10
Lead	0.025	**0.408**	0.002	**0.16**	0.002	**0.347**	0.002	**0.535**	0.002	**0.332**	0.002
Magnesium	35	**90.5**	0.10	**75.4**	0.10	**128**	0.10	**146**	0.10	**116**	0.10
Manganese	0.3	**71.1**	0.50	**41.7**	0.50	**52**	0.50	**84.7**	0.50	**61.3**	0.50
Mercury	0.0007	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002
Nickel	0.1	**1.16**	0.004	**0.88**	0.004	**0.754**	0.004	**1.33**	0.004	**0.779**	0.004
Potassium		**57.6**	1.0	**43.4**	0.1	**72.1**	1.0	**80**	1.0	**64.5**	1.0
Selenium	0.01	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002
Silver	0.05	**0.002**	0.005	< 0.005	0.005	**0.001**	0.005	**0.002**	0.005	**0.002**	0.005
Sodium	20	**226**	1.0	**148**	1.0	**165**	1.0	**177**	1.0	**157**	1.0
Thallium	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	**0.001**	0.0005	< 0.0005	0.0005	**0.002**	0.0005
Vanadium		**0.403**	0.010	**0.269**	0.010	**0.572**	0.010	**0.544**	0.010	**0.513**	0.010
Zinc	2	**1.07**	0.010	**0.71**	0.010	**1.03**	0.010	**1.92**	0.010	**1.03**	0.010

Notes:
RL- Reporting limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 10
260 West 126 Street,
New York, NY 10027
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value	NYSDOH Soil Outdoor Background Levels	SG1		SG2		SG3		SG4		SG5	
			11/18/2016		11/18/2016		11/18/2016		11/18/2016		11/18/2016	
			µg/m3		µg/m3		µg/m3		µg/m3		µg/m3	
	($\mu g/m^3$) [a]	($\mu g/m^3$) [b]	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,1-Trichloroethane	100	<2.0 - 2.8	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,2-Trichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethene		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2,4-Trichlorobenzene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2,4-Trimethylbenzene		<1.0	**4.69**	1.00	**1.39**	1.00	< 1.00	1.00	**2.2**	1.00	**2.14**	1.00
1,2-Dibromoethane		<1.5	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichloropropane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorotetrafluoroethane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3,5-Trimethylbenzene		<1.0	**1.29**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3-Butadiene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3-Dichlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,4-Dichlorobenzene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,4-Dioxane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
2-Hexanone			**3.84**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
4-Ethyltoluene		NA	**1.11**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
4-Isopropyltoluene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
4-Methyl-2-pentanone			**2.86**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Acetone		NA	**311**	15.0	**18.4**	1.00	**16.8**	1.00	**42**	1.00	**55.8**	1.00
Acrylonitrile			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Benzene		<1.6 - 4.7	**2.64**	1.00	**2.88**	1.00	**1.98**	1.00	**3.29**	1.00	**11.3**	1.00
Benzyl Chloride		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromodichloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromoform		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromomethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Carbon Disulfide		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.1**	1.00	**30.4**	1.00
Carbon Tetrachloride	5	<3.1	**0.52**	0.25	**0.34**	0.25	**0.32**	0.25	**0.35**	0.25	**0.31**	0.25
Chlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloroethane		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloroform		<2.4	**2.24**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**7.76**	1.00
Chloromethane		<1.0 - 1.4	< 1.00	1.00	**1.02**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
cis-1,2-Dichloroethene		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
cis-1,3-Dichloropropene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Cyclohexane		NA	**15.2**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**3.29**	1.00
Dibromochloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Dichlorodifluromethane		NA	**2.6**	1.00	**2.36**	1.00	**2.25**	1.00	**2.42**	1.00	**2.2**	1.00
Ethanol			**395**	15.0	**222**	1.00	**691**	1.00	**2,840**	1.00	**1,200**	1.00
Ethyl Acetate		NA	**3.02**	1.00	< 1.00	1.00	**1.39**	1.00	**2.01**	1.00	< 1.00	1.00
Ethylbenzene		<4.3	**3.95**	1.00	**1.38**	1.00	**1.28**	1.00	**1.89**	1.00	**1.94**	1.00
Heptane		NA	**2.58**	1.00	**1.05**	1.00	< 1.00	1.00	**1.14**	1.00	**1.45**	1.00
Hexachlorobutadiene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Hexane		<1.5	**6.73**	1.00	**2.03**	1.00	< 1.00	1.00	**1.68**	1.00	**16.1**	1.00
Isopropylalcohol		NA	**15.4**	1.00	**4.72**	1.00	**2.58**	1.00	< 1.00	1.00	< 1.00	1.00
Isopropylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Xylene (m&p)		<4.3	**13.6**	1.00	**5.81**	1.00	**5.12**	1.00	**6.64**	1.00	**6.68**	1.00
Methyl Ethyl Ketone			**1,060**	15.0	**2.36**	1.00	**6.78**	1.00	< 1.00	1.00	**88.7**	1.00
MTBE		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Methylene Chloride		<3.4	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
n-Butylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Xylene (o)		<4.3	**4.95**	1.00	**1.73**	1.00	**1.64**	1.00	**2.37**	1.00	**2.48**	1.00
Propylene		NA	**14.7**	1.00	**17.4**	1.00	**4.49**	1.00	**35.6**	1.00	**445**	75.0
sec-Butylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Styrene		<1.0	**1.09**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Tetrachloroethene	100		**11.3**	0.25	**5.24**	0.25	**3.99**	0.25	**7.25**	0.25	**16.5**	0.25
Tetrahydrofuran		NA	**8.52**	1.00	**1.94**	1.00	**1.85**	1.00	< 1.00	1.00	< 1.00	1.00
Toluene		1.0 - 6.1	**16.3**	1.00	**8.78**	1.00	**16.5**	1.00	**15.1**	1.00	**15.3**	1.00
trans-1,2-Dichloroethene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
trans-1,3-Dichloropropene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Trichloroethene	5	<1.7	**0.38**	0.25	< 0.25	0.25	< 0.25	0.25	**0.27**	0.25	**0.62**	0.25
Trichlorofluoromethane		NA	**1.62**	1.00	**1.06**	1.00	**1.1**	1.00	**1.18**	1.00	**1.22**	1.00
Trichlorotrifluoroethane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Vinyl Chloride		<1.0	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
BTEX			**41.44**		**20.58**		**26.52**		**29.29**		**37.7**	
CVOCs			**15.52**		**8.66**		**7.66**		**9.67**		**20.23**	
Total VOCs			**1874.15**		**299.95**		**755.51**		**2963.86**		**1897.21**	

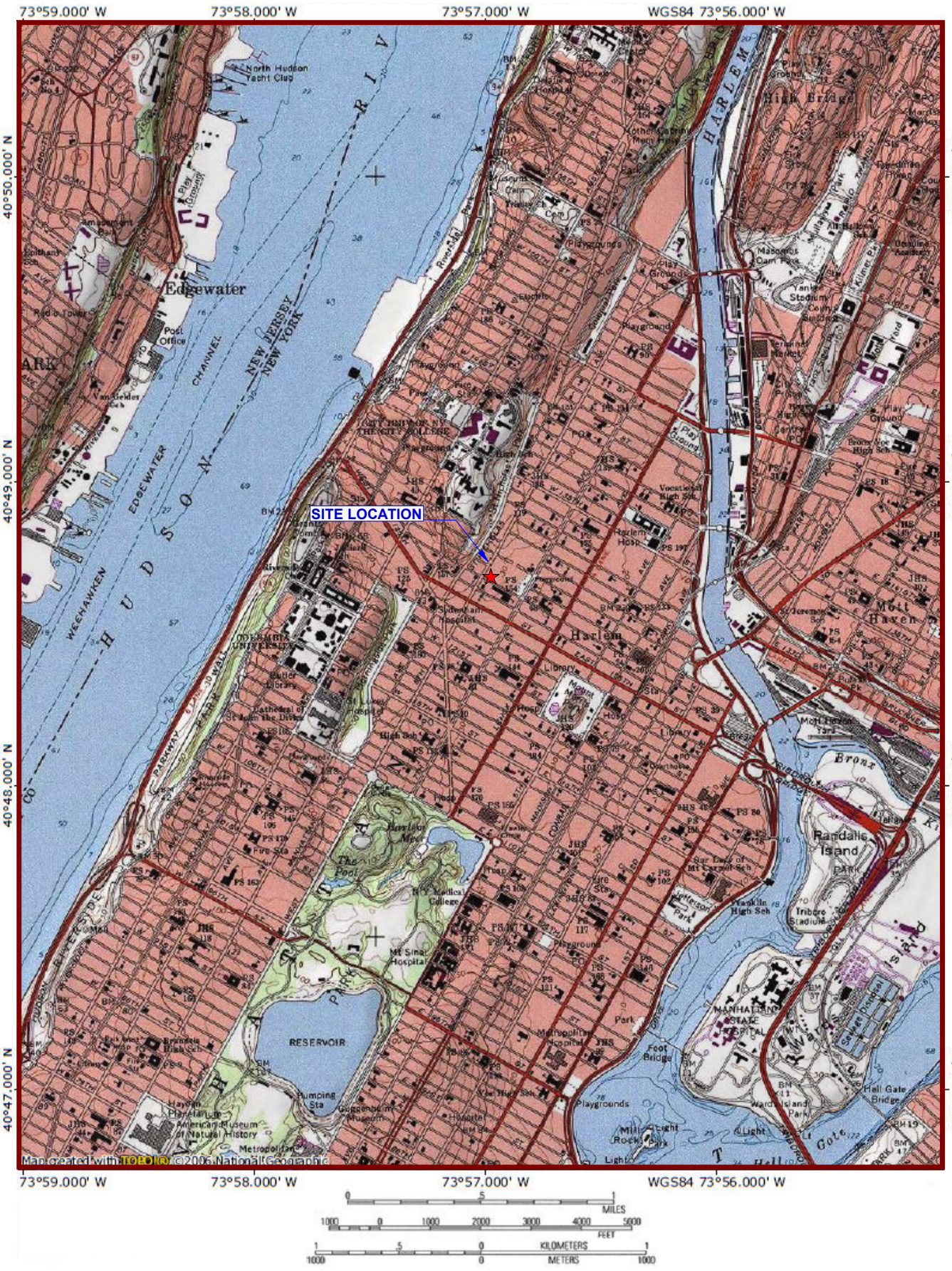
Notes:
NA No guidance value or standard available
(a) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York. October 2006. New York State Department of Health.
(b) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor

Table 11
260 West 126th Street
New York, Ny 10027
Well Survey Data

Well No.	Well Diameter (in)	Total Well Depth (ft)	Screened Interval (ft)	Survey Reading (ft)	Casing Elevation (ft)	DTW 11/17/2015 (ft)	DTP	PT	GW ELV 11/18/2016 (ft)
MW1	2	30	10	**5.01**	**34.01**	**24.67**	-	-	**9.34**
MW2	2	30	10	**5.62**	**34.62**	**22.90**	-	-	**11.72**
MW3	2	30	10	**4.56**	**33.56**	**23.82**	-	-	**9.74**
MW4	2	30	10	**4.54**	**33.54**	**24.52**	-	-	**9.02**

FIGURES

1808 MIDDLE COUNTRY ROAD, RIDGE, NY 11961
PHONE 631.504.6000
FAX 631.924.2870



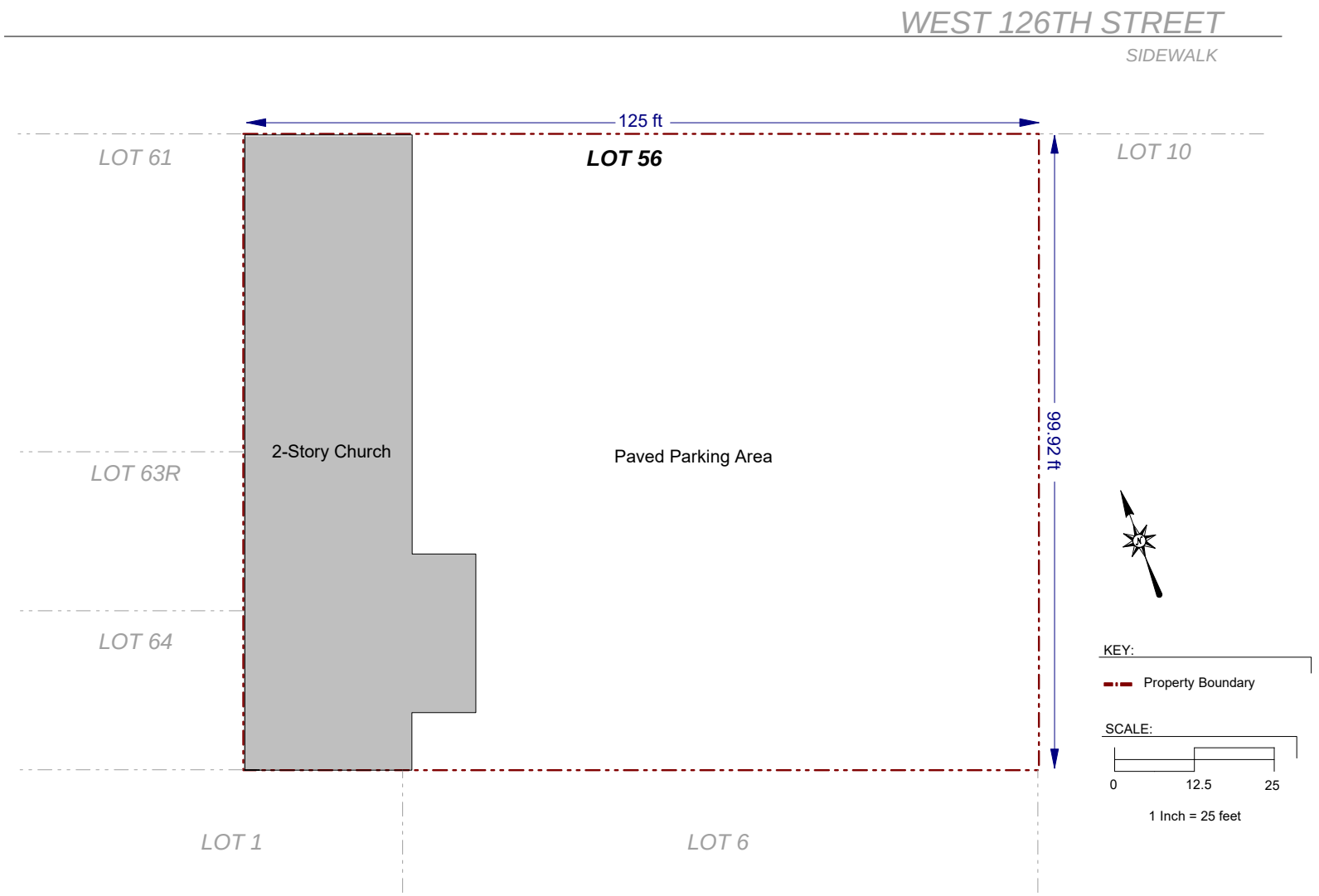
EBC
Environmental Business Consultants
Phone 631.504.6000
Fax 631. 924 .2870

Figure No. 1

Site Name: Redevelopment Site

Site Address: 260 West 126th Street, New York, NY

Drawing Title: Site Location Map



EBC
Environmental Business Consultants
Phone 631.504.6000
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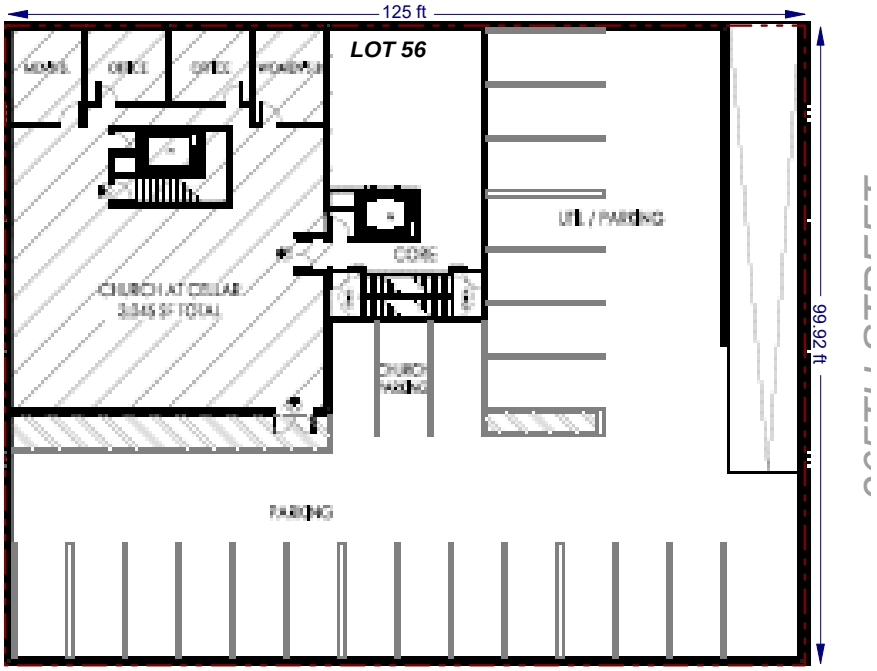
Figure No. 2

Site Name: Redevelopment Project
Site Address: 260 West 126th Street, New York, NY
Drawing Title: Site Boundary Map

CELLAR PLAN

WEST 126TH STREET

SIDEWALK



KEY:

Property Boundary

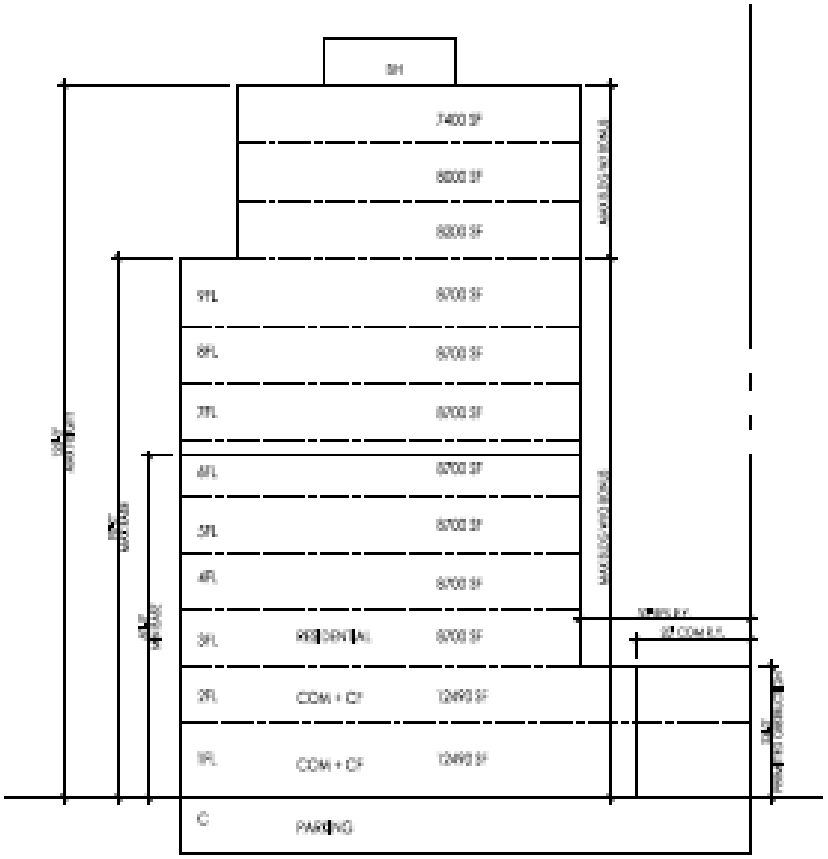
SCALE:

0 12.5 25

1 Inch = 25 feet

NORTH ELEVATION

(Not to Scale)



EBC Environmental Business Consultants	Phone 631.504.6000 Fax 631. 924 .2870	Figure No. 3	Site Name: Redevelopment Project Site Address: 260 West 126st, New York, NY Drawing Title: Proposed Redevelopment Plans

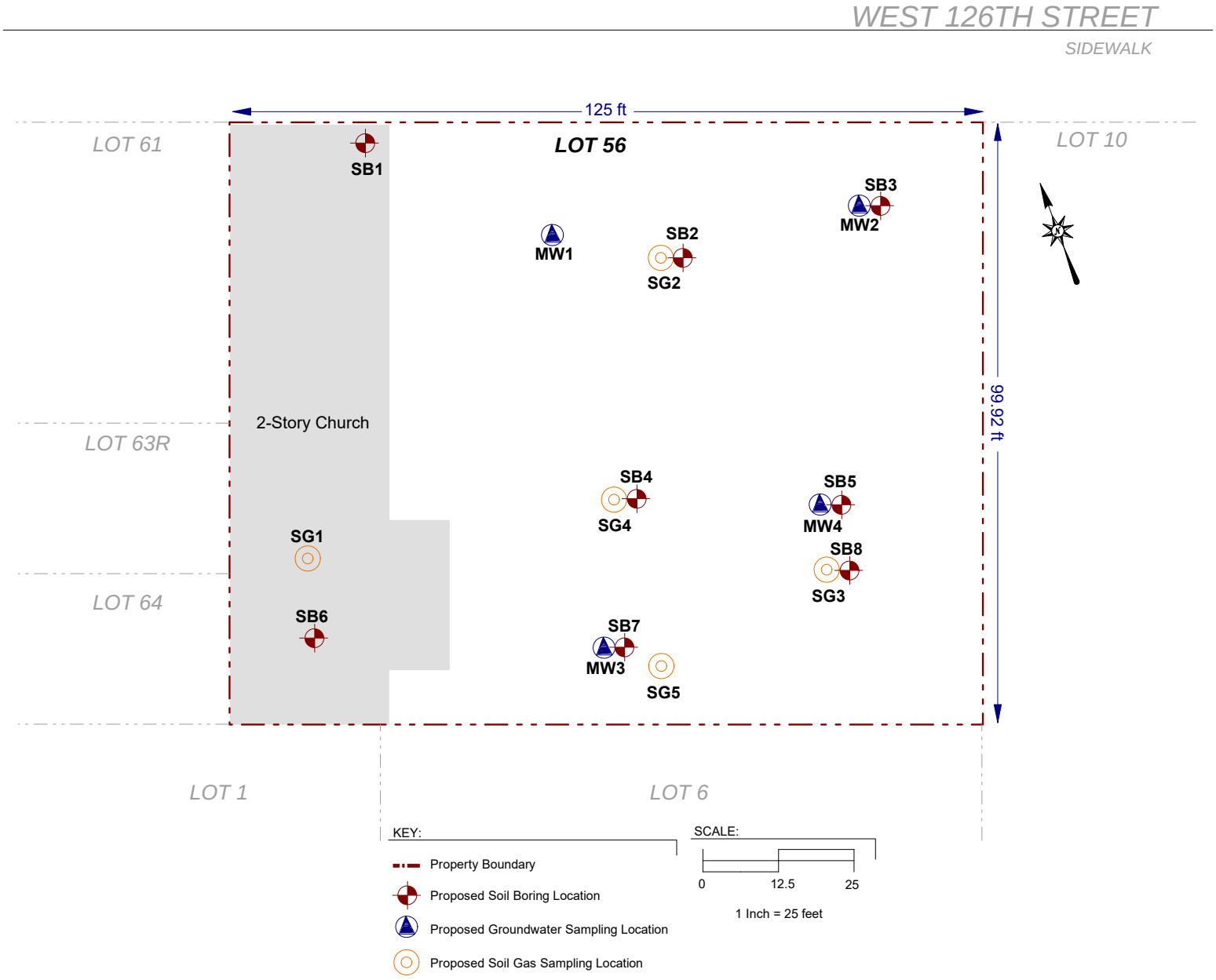
Source: http://www.oasisnyc.net/map.aspx

FIGURE 4
SURROUNDING LAND USE MAP

260 WEST 126TH STREET, NEW YORK, NY

HAZARDOUS MATERIALS REMEDIAL INVESTIGATION REPORT

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
1808 MIDDLE COUNTRY ROAD, RIDGE, NEW YORK 11961
PHONE: (631) 504-6000 FAX: (631) 924-2870



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Phone 631.504.6000
Fax 631. 924 .2870

Figure No. 5

Site Name: REDEVELOPMENT PROJECT
Site Address: 260 WEST 126TH STREET, NEW YORK, NY
Drawing Title: PROPOSED SITE SAMPLING PLAN

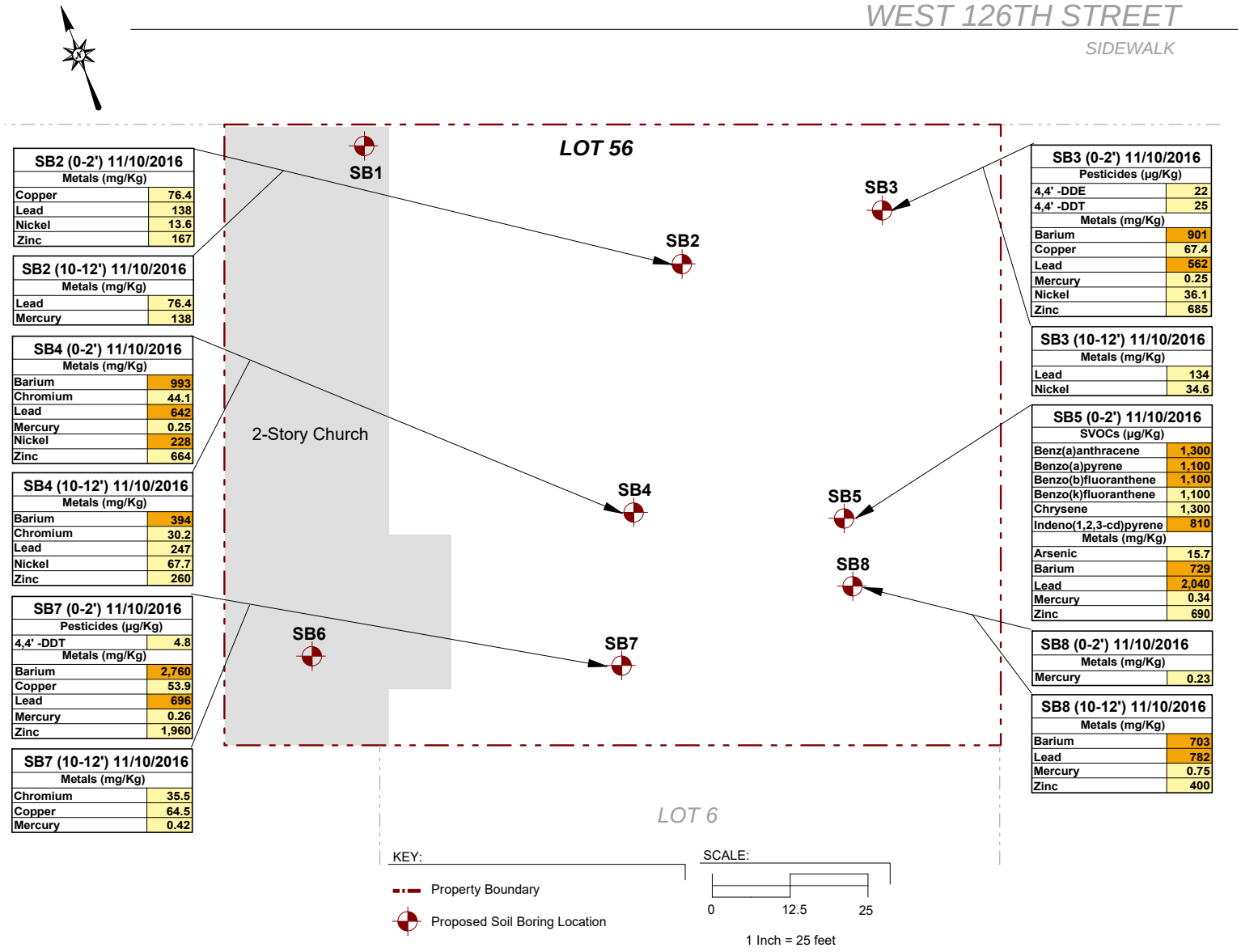

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Figure No. 6

Site Name: REDEVELOPMENT PROJECT
Site Address: 260 WEST 126TH STREET, NEW YORK, NY
Drawing Title: SOIL EXCEEDENCE MAP

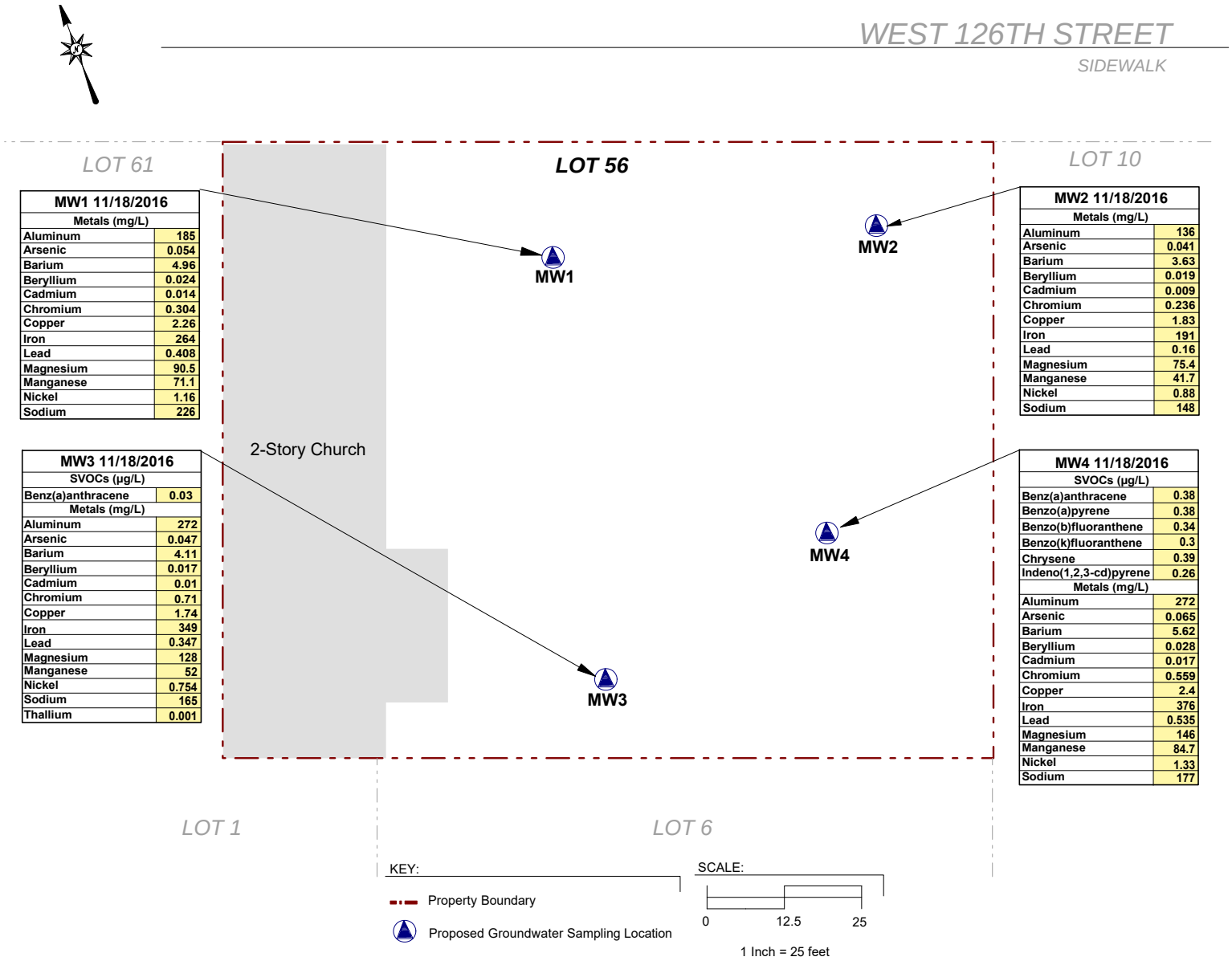

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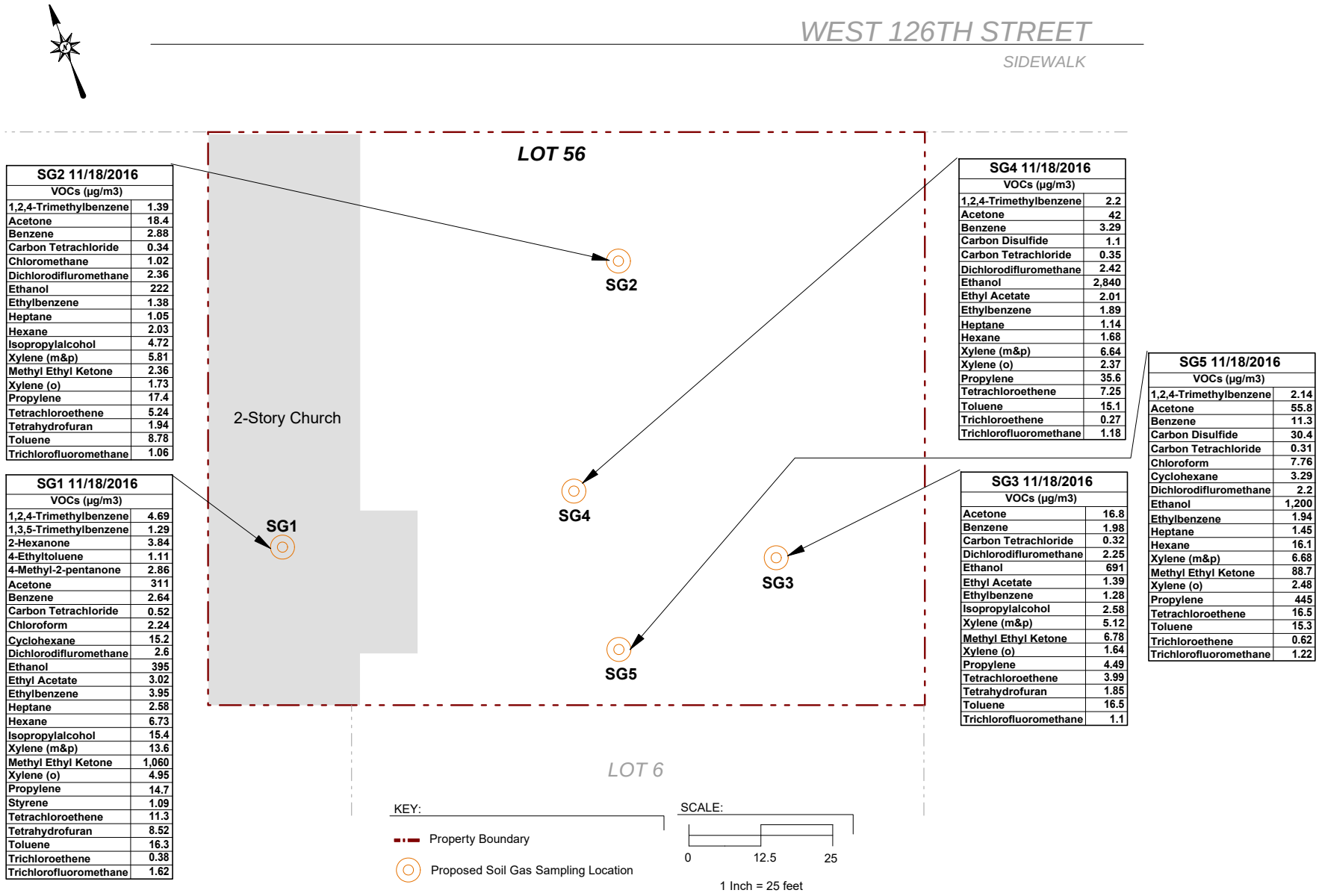
Figure No. 7

Site Name: REDEVELOPMENT PROJECT
Site Address: 260 WEST 126TH STREET, NEW YORK, NY
Drawing Title: GROUNDWATER EXCEEDENCE MAP



SG2 11/18/2016	
VOCs (µg/m3)	
1,2,4-Trimethylbenzene	1.39
Acetone	18.4
Benzene	2.88
Carbon Tetrachloride	0.34
Chloromethane	1.02
Dichlorodifluromethane	2.36
Ethanol	222
Ethylbenzene	1.38
Heptane	1.05
Hexane	2.03
Isopropylalcohol	4.72
Xylene (m&p)	5.81
Methyl Ethyl Ketone	2.36
Xylene (o)	1.73
Propylene	17.4
Tetrachloroethene	5.24
Tetrahydrofuran	1.94
Toluene	8.78
Trichlorofluoromethane	1.06

SG1 11/18/2016	
VOCs (µg/m3)	
1,2,4-Trimethylbenzene	4.69
1,3,5-Trimethylbenzene	1.29
2-Hexanone	3.84
4-Ethyltoluene	1.11
4-Methyl-2-pentanone	2.86
Acetone	311
Benzene	2.64
Carbon Tetrachloride	0.52
Chloroform	2.24
Cyclohexane	15.2
Dichlorodifluromethane	2.6
Ethanol	395
Ethyl Acetate	3.02
Ethylbenzene	3.95
Heptane	2.58
Hexane	6.73
Isopropylalcohol	15.4
Xylene (m&p)	13.6
Methyl Ethyl Ketone	1,060
Xylene (o)	4.95
Propylene	14.7
Styrene	1.09
Tetrachloroethene	11.3
Tetrahydrofuran	8.52
Toluene	16.3
Trichloroethene	0.38
Trichlorofluoromethane	1.62

SG4 11/18/2016	
VOCs (µg/m3)	
1,2,4-Trimethylbenzene	2.2
Acetone	42
Benzene	3.29
Carbon Disulfide	1.1
Carbon Tetrachloride	0.35
Dichlorodifluromethane	2.42
Ethanol	2,840
Ethyl Acetate	2.01
Ethylbenzene	1.89
Heptane	1.14
Hexane	1.68
Xylene (m&p)	6.64
Xylene (o)	2.37
Propylene	35.6
Tetrachloroethene	7.25
Toluene	15.1
Trichloroethene	0.27
Trichlorofluoromethane	1.18

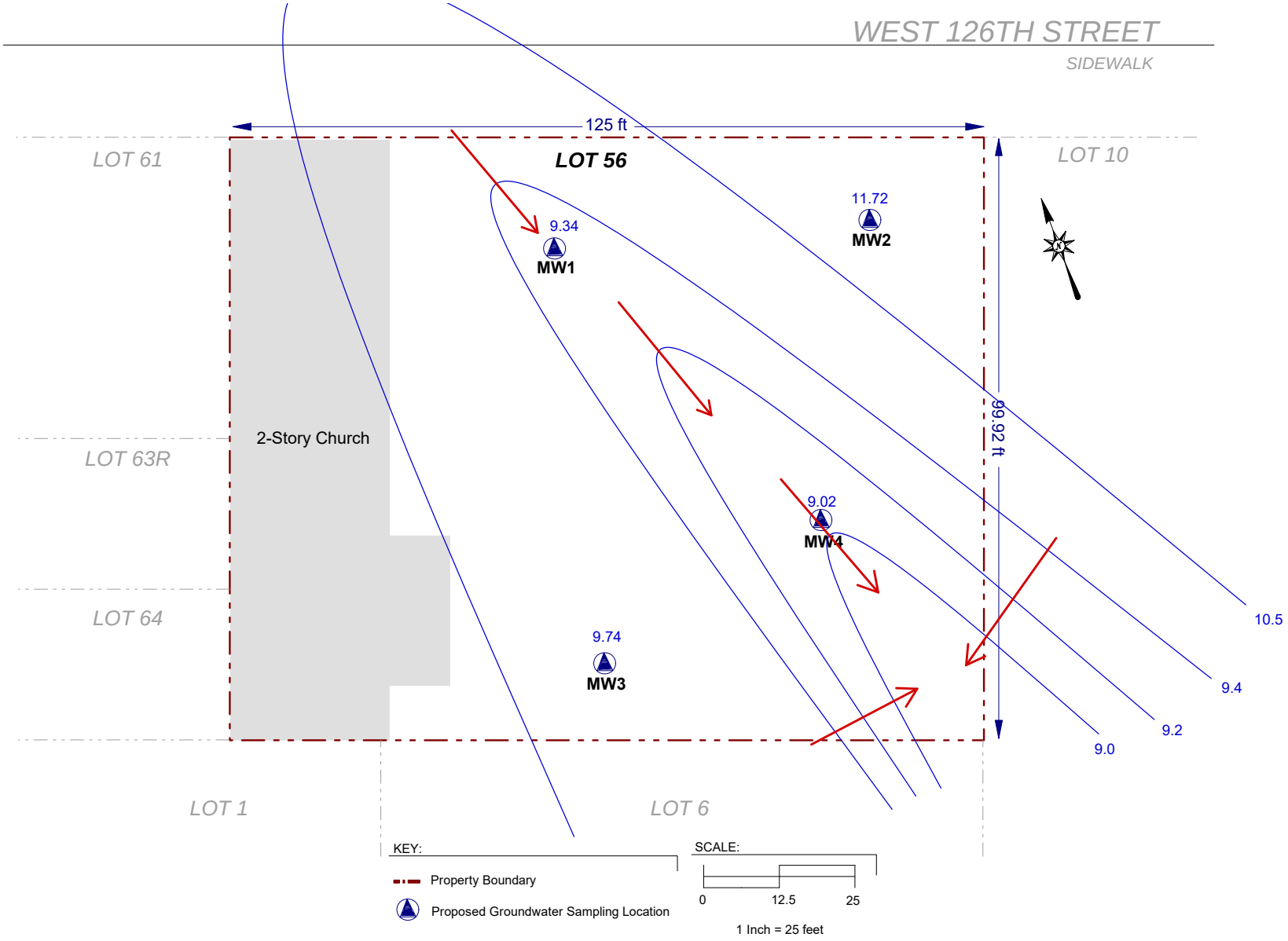
SG5 11/18/2016	
VOCs (µg/m3)	
1,2,4-Trimethylbenzene	2.14
Acetone	55.8
Benzene	11.3
Carbon Disulfide	30.4
Carbon Tetrachloride	0.31
Chloroform	7.76
Cyclohexane	3.29
Dichlorodifluromethane	2.2
Ethanol	1,200
Ethylbenzene	1.94
Heptane	1.45
Hexane	16.1
Xylene (m&p)	6.68
Methyl Ethyl Ketone	88.7
Xylene (o)	2.48
Propylene	445
Tetrachloroethene	16.5
Toluene	15.3
Trichloroethene	0.62
Trichlorofluoromethane	1.22

SG3 11/18/2016	
VOCs (µg/m3)	
Acetone	16.8
Benzene	1.98
Carbon Tetrachloride	0.32
Dichlorodifluromethane	2.25
Ethanol	691
Ethyl Acetate	1.39
Ethylbenzene	1.28
Isopropylalcohol	2.58
Xylene (m&p)	5.12
Methyl Ethyl Ketone	6.78
Xylene (o)	1.64
Propylene	4.49
Tetrachloroethene	3.99
Tetrahydrofuran	1.85
Toluene	16.5
Trichlorofluoromethane	1.1

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631. 924 .2870

Figure No. 8

Site Name: REDEVELOPMENT PROJECT
Site Address: 260 WEST 126TH STREET, NEW YORK, NY
Drawing Title: SOIL VAPOR DETECTION MAP



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Phone 631.504.6000
Fax 631. 924 .2870

Figure No. 9

Site Name: REDEVELOPMENT PROJECT
Site Address: 260 WEST 126TH STREET, NEW YORK, NY
Drawing Title: GROUNDWATER CONTOUR MAP

ATTACHMENT A

Phase I ESA Report

ATTACHMENT B

Soil Boring Logs

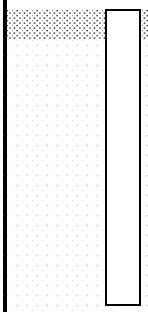
1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870

Geologic Boring Log Details

EBC ENVIRONMENTAL BUSINESS CONSULTANTS

SB1 Boring Log

Location: Performed 4 feet from the East of the building, 3 feet from the North property line.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: BGP 1601	Address: 260 West 126 Street, Brooklyn Ny		Date / DTW	Ground Elevation
			Groundwater Depth	
Drilling Company: Big Apple Testing	Method: Hand Auger		Not Detected	Well Specifications
Date Started: 11/15/2016	Date Completed: 11/15/2016			None
Completion Depth: 4 Feet	Geologist: Thomas Gallo			

SB1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 2	24"			Fine-coarse brown sand with pebbles **Retained soil sample SB1(0-2)*
	2 to 4	24"			Dark soil and brick **Retained soil sample SB1(2-4) & Soil Duplicate*
	4 to 6				
	6 to 8				
	8 to 10				
	10 to 12				

Geologic Boring Log Details

EBC ENVIRONMENTAL BUSINESS CONSULTANTS

SB2 Boring Log

Location: Performed 51 feet from the East property line, 22 feet from the North property line.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: BGP 1601	Address: 260 West 126 Street, Brooklyn Ny		Date / DTW	Ground Elevation
			Groundwater Depth	
Drilling Company: Big Apple Testing	Method: Auger Drill Rig with Split Spoon		Not Detected	Well Specifications
Date Started: 11/10/2016	Date Completed: 11/10/2016			None
Completion Depth: 12 Feet	Geologist: Eleni Kavvadias			

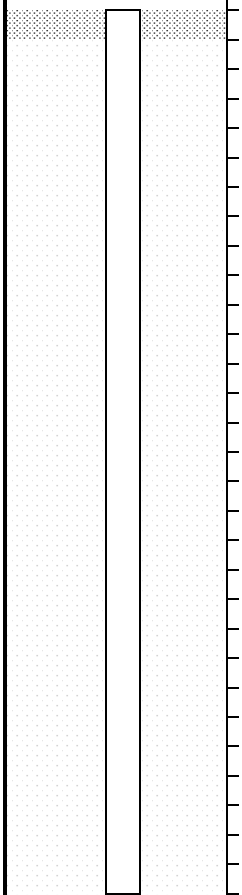
SB2 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 2	24"			Black top Fill *Retained soil sample SB2(0-2)*
	to 4	24"			Red Brick and fill
	to 6	24"			Red brick and fill
	to 8	24"			Red brick and fill
	to 12	1"			Rock *Retained soil sample SB2(6-12)*

Geologic Boring Log Details

EBC ENVIRONMENTAL BUSINESS CONSULTANTS

SB3 Boring Log

Location: Performed 17 feet from the East property line, 15 feet from the North property line.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: BGP 1601	Address: 260 West 126 Street, Brooklyn Ny		Date / DTW	Ground Elevation
			Groundwater Depth	
Drilling Company: Big Apple Testing	Method: Auger Drill Rig with Split Spoon		Not Detected	Well Specifications
Date Started: 11/10/2016	Date Completed: 11/10/2016			None
Completion Depth: 12 Feet	Geologist: Eleni Kavvadias			

SB3 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 2	24"		3 to 5	Black fill *Slight odor *Retained soil sample SB3(0-2)
	2 to 4	24"			Fill with brick
	4 to 6	24"			Fill with brick
	6 to 8	24"			Dark brown fine sand with rock *Damp
	8 to 10	24"			Brown soil / fill / brick
	10 to 12	24"			Brown soil and brick *Retained soil sample SB3(10-12)

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

SB4 Boring Log

Location: Performed 59 feet from the East property line, 62 feet from the North property line.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: BGP 1601	Address: 260 West 126 Street, Brooklyn Ny		Date / DTW	Ground Elevation
			Groundwater Depth	
Drilling Company: Big Apple Testing	Method: Auger Drill Rig with Split Spoon		Not Detected	Well Specifications
Date Started: 11/10/2016	Date Completed: 11/10/2016			None
Completion Depth: 12 Feet	Geologist: Eleni Kavvadias			

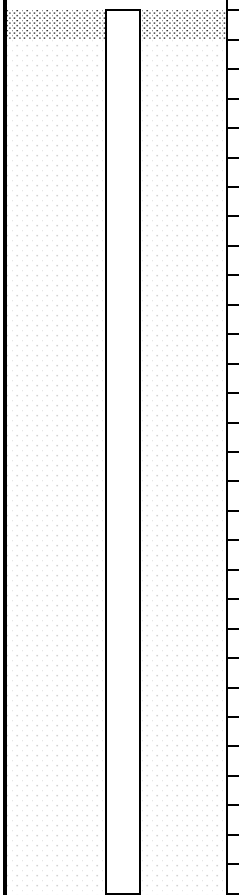
SB4 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 2	12"			1" - Blacktop 11" - Fill with red brick **Retained soil sample SB4(0-2)*
	to 4	24"			Fill with rock
	to 6	24"			Fill with rock
	to 8	24"			Fill with rock
	to 10	6"			3" - Sandy fill with brick 3" - Red brick
	to 12	4"			4" - Sand with fill **Retained soil sample SB4(10-12)*

Geologic Boring Log Details

EBC ENVIRONMENTAL BUSINESS CONSULTANTS

SB5 Boring Log

Location: Performed 24 feet from the East property line, 63 feet from the North property line.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: BGP 1601	Address: 260 West 126 Street, Brooklyn Ny	Date / DTW	Ground Elevation
		Groundwater Depth	
Drilling Company: Big Apple Testing	Method: Auger Drill Rig with Split Spoon	Not Detected	Well Specifications
Date Started: 11/10/2016	Date Completed: 11/10/2016		None
Completion Depth: 12 Feet	Geologist: Eleni Kavvadias		

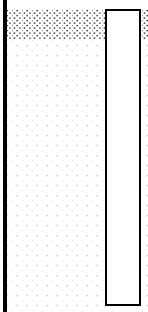
SB5 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 2	12"			2" - Blacktop 6" - Fill with brick 4" - Red brick **Retained soil sample SB5(0-2)*
	2 to 4	10"			5" - Fill with brick 5" - Black stined fill **Slight Odor*
	4 to 6	24"			Fill with rock
	6 to 8	24"			Fill with rock
	8 to 10	24"			Fill with rock
	10 to 12	12"			4" - Sandy fill with rock **Retained soil sample SB5(10-12)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

SB6 Boring Log

Location: Performed 14 feet from the West of the building, 14 feet from the South property line.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: BGP 1601	Address: 260 West 126 Street, Brooklyn Ny		Date / DTW	Ground Elevation
			Groundwater Depth	
Drilling Company: Big Apple Testing	Method: Hand Auger		Not Detected	Well Specifications
Date Started: 11/15/2016	Date Completed: 11/15/2016			None
Completion Depth: 4 Feet	Geologist: Thomas Gallo			

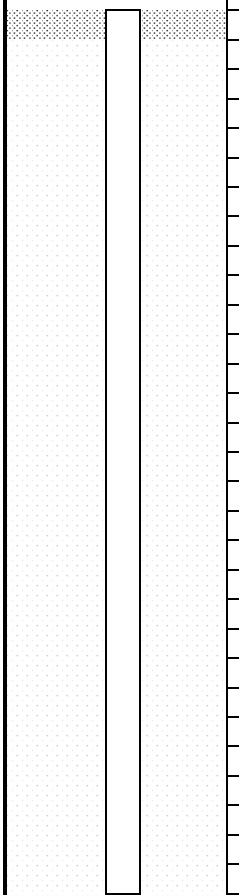
SB6 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 2	24"			Fine- medium light brown to brown sand **Retained soil sample SB6(0-2)*
	2 to 4	24"			Medium brown sand **Retained soil sample SB6(2-4)*
	4 to 6				
	6 to 8				
	8 to 10				
	10 to 12				

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

SB7 Boring Log

Location: Performed 61 feet from the East property line, 12.5 feet from the South property line.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: BGP 1601	Address: 260 West 126 Street, Brooklyn Ny	Date / DTW	Ground Elevation
		Groundwater Depth	
Drilling Company: Big Apple Testing	Method: Auger Drill Rig with Split Spoon	Not Detected	Well Specifications
Date Started: 11/10/2016	Date Completed: 11/10/2016		None
Completion Depth: 12 Feet	Geologist: Eleni Kavvadias		

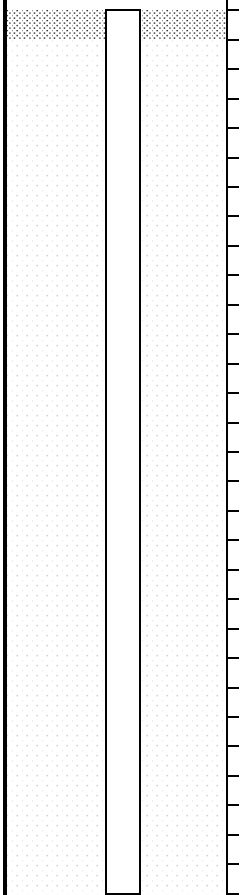
SB7 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 2	11"			Blacktop, ash and fill **Retained soil sample SB7(0-2)*
	2 to 4	7"			Sand with ash and fill
	4 to 6	4"			Mixed sand and fill with wet dark brown silty sand
	6 to 8	9"			Sandy fill with rock
	8 to 10	8"			Sandy fill with rock
	10 to 12	6"			Sandy fill with rock **Retained soil sample SB7(10-12)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

SB8 Boring Log

Location: Performed 24 feet from the East property line, 25 feet from the South property line.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: BGP 1601	Address: 260 West 126 Street, Brooklyn Ny	Date / DTW	Ground Elevation
		Groundwater Depth	
Drilling Company: Big Apple Testing	Method: Auger Drill Rig with Split Spoon	Not Detected	Well Specifications
Date Started: 11/10/2016	Date Completed: 11/10/2016		None
Completion Depth: 12 Feet	Geologist: Eleni Kavvadias		

SB8 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 2	24"			Sand ash and brick *Retained soil sample SB8(0-2)*
	2 to 4	24"			Dark soil and brick
	4 to 6	24"			Sandy fill with ash and rock
	6 to 8	24"			Sandy fill with ash and rock
	8 to 10	24"			Sandy fill with ash and rock
	10 to 12	24"			Sandy fill with ash and rock *Retained soil sample SB8(10-12)*

ATTACHMENT C

Groundwater Sampling Logs

GROUNDWATER PURGE / SAMPLE LOGS

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW1

Well Depth (from TOC): 30'

Static Water Level (from TOC): 24.67'

Height of Water in Well: 5.33'

Gallons of Water per Well Volume: 0.869

Flow Rate: 400ml/min.

Date: 11/18/16

Equipment: peristaltic pump

min purge = 2.6 gal

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
11:20	400ml/min	1	7.11	1147	48.6					brown cloudy
11:28	↓	1.5	7.05	1220	48.2					cloudy
11:33		2.0	7.01	1189	48.1					clear
11:38		2.5	6.99	1021	48.1					clear
11:43	↓	3.0	6.97	996	47.9					clear

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW2

Well Depth (from TOC): 30'

Static Water Level (from TOC): 22.90'

Height of Water in Well: 7.1'

Gallons of Water per Well Volume: 1.158

Flow Rate: 400ml/min. min purge = 3.47

Date: 11/18/16

Equipment: ~~peristaltic~~ pump

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
09:00	400 ml/min	1	7.21	890	50.2					turbid
09:08		1.75	7.15	956	48.8					cloudy
09:11		2.5	7.12	1128	49.3					cloudy
09:14		~~1.75~~ 3.0	7.11	1235	49.1					cloudy
09:17		3.5	7.09	1076	48.7					clearing
09:20		4.0	7.08	1008	48.9					clear

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW3

Well Depth (from TOC): 30'

Static Water Level (from TOC): 23.82'

Height of Water in Well: ~~1.008~~ 6.18'

Gallons of Water per Well Volume: 1.008

Flow Rate: 400ml/min.

Date: 11/18/16

Equipment: peristaltic pump

min purge = 3.0257

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
10:30	400ml/min	1	7.02	1438	49.8					brown cloudy
10:38	↓	1.5	6.99	1293	49.6					cloudy
10:43		2.0	6.98	1110	49.5					cloudy
10:48		2.5	6.98	1245	49.5					clear
10:53		3.0	6.97	1061	49.3					clear
10:58	↓	3.5	6.96	992	49.2					clear

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW4

Well Depth (from TOC): 30'

Static Water Level (from TOC): 24.52'

Height of Water in Well: 5.48'

Gallons of Water per Well Volume: 0.894

Flow Rate: 400ml/min.

min purge = 2.685

Date: 11/18/16

Equipment: peristaltic pump

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
09:48	400ml/min	1	6.96	778	47.5					brown cloudy
09:53	↓	1.5	6.90	942	48.2					cloudy
09:58		2.0	6.92	1213	47.9					cloudy
10:03		2.5	6.89	1107	47.5					clear
10:08	↓	3.0	6.87	1084	47.4					clear

Note 400 ml = 0.11 gallons

ATTACHMENT D

Soil Gas Sampling Logs

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

CHAIN OF CUSTODY RECORD
AIR ANALYSES

800-827-5426
email: greg@phoenixlabs.com

P.O. # | Page 1 of 1

Data Delivery:
- [ ] Fax #:
- [x] Email: File
- [ ] Phone #:

Report to:

Customer: EBC

Address:

Invoice to:

Sampled by: Hongzong Lan

Project Name: 260 W126th street, NY, NY

Requested Deliverable: RCP ☐ ASP CAT B ☒ MCP ☐ NJ Deliverables ☐

State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	MATRIX: Ambient/Indoor Air	MATRIX: Soil Gas	MATRIX: Grab (G) Composite (C)	ANALYSES: TO-14	ANALYSES: TO-15
		THIS SECTION FOR LAB USE ONLY															
88454	SG5	19844	6.0	-30	-5	4490	43	7:51	10:10	11-18-16	-28	-6		X			X
88455	SG4	12872	↓	↓	-4	3504	↓	7:55	10:47	11-18-16	-30	-7		X			X
88456	SG2	13641	↓	↓	-4	3250	↓	7:59	10:24	11-18-16	-29	-5		X			X
88457	SG3	19631	↓	↓	-1	5660	↓	7:53	10:03	11-18-16	-30	-5		X			X
88458	SG1	12871	↓	↓	-6	4494	↓	9:14	11:18	11-18-16	-30	-6		X			X
	S=6L 2Hrs																

Relinquished by:	Accepted by:	Date:	Time:
Hongzong Lan	[signature]	11-21-16	8:30
[signature]	Krzysztof Bulsee	11-21-16	15:04

Data Format: Excel ☒ Equis ☒ GISKey ☐ PDF ☒ Other: ☐

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

Turnaround time 5 days.

Requested Criteria

Quote Number:

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: ______ Date: ______

ATTACHMENT E

Laboratory Reports

1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870

Monday, November 28, 2016

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 260 W126TH ST., NY, NY
Sample ID#s: BV81727 - BV81740

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

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

NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE

Client: Environmental Business Consultants

Project: 260 W126TH ST., NY, NY

Laboratory Project: GBV81727

Environmental Laboratories, Inc.
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NY # 11301

NY Analytical Services Protocol Format

November 28, 2016 **SDG I.D.: GBV81727**

Environmental Business Consultants 260 W126TH ST., NY, NY

Methodology Summary

Accelerated Solvent Extraction (ASE)

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed.Update III, Method 3545A.

Mercury Prep

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 7471B.

Metals

ICP :
USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 6010C.
Mercury:
USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, 7471

Pesticides:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8081B.

Polychlorinated Biphenyls (PCBs):

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8082A.

Semivolatile Organic Compounds

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8270D.

Volatile Organic Compounds:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed.Update III, Method 8260C and Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 624) as printed in 40CFR part 136.

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November 28, 2016 **SDG I.D.: GBV81727**

Environmental Business Consultants 260 W126TH ST., NY, NY

Sample Id Cross Reference

Client Id	Lab Id	Matrix
SB2 0-2	BV81727	SOIL
SB2 6-12	BV81728	SOIL
SB3 0-2	BV81729	SOIL
SB3 10-12	BV81730	SOIL
SB4 0-2	BV81731	SOIL
SB4 10-12	BV81732	SOIL
SB5 0-2	BV81733	SOIL
SB5 10-12	BV81734	SOIL
SB7 0-2	BV81735	SOIL
SB7 10-12	BV81736	SOIL
SB8 0-2	BV81737	SOIL
SB8 10-12	BV81738	SOIL
TRIP BLANK HIGH	BV81739	SOIL
TRIP BLANK LOW	BV81740	SOIL

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November 28, 2016 **SDG I.D.: GBV81727**

Environmental Business Consultants 260 W126TH ST., NY, NY

Laboratory Chronicle

The samples in this delivery group were received at 4°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
BV81727	1,4-dioxane	11/10/16	11/13/16	11/13/16	JLI	Y
BV81727	Aluminum	11/10/16	11/11/16	11/12/16	LK	Y
BV81727	Antimony	11/10/16	11/11/16	11/12/16	LK	Y
BV81727	Arsenic	11/10/16	11/11/16	11/12/16	LK	Y
BV81727	Barium	11/10/16	11/11/16	11/12/16	LK	Y
BV81727	Beryllium	11/10/16	11/11/16	11/12/16	LK	Y
BV81727	Cadmium	11/10/16	11/11/16	11/12/16	LK	Y
BV81727	Calcium	11/10/16	11/11/16	11/12/16	LK	Y
BV81727	Chromium	11/10/16	11/11/16	11/12/16	LK	Y
BV81727	Cobalt	11/10/16	11/11/16	11/12/16	LK	Y
BV81727	Copper	11/10/16	11/11/16	11/12/16	LK	Y
BV81727	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81727	Iron	11/10/16	11/11/16	11/12/16	LK	Y
BV81727	Lead	11/10/16	11/11/16	11/12/16	LK	Y
BV81727	Magnesium	11/10/16	11/11/16	11/12/16	LK	Y
BV81727	Manganese	11/10/16	11/11/16	11/12/16	LK	Y
BV81727	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81727	Nickel	11/10/16	11/11/16	11/12/16	LK	Y
BV81727	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81727	Pesticides - Soil	11/10/16	11/11/16	11/16/16	CE	Y
BV81727	Polychlorinated Biphenyls	11/10/16	11/11/16	11/14/16	AW	Y
BV81727	Potassium	11/10/16	11/11/16	11/12/16	LK	Y
BV81727	Selenium	11/10/16	11/11/16	11/12/16	LK	Y
BV81727	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81727	Silver	11/10/16	11/11/16	11/12/16	LK	Y
BV81727	Sodium	11/10/16	11/11/16	11/12/16	LK	Y
BV81727	Thallium	11/10/16	11/11/16	11/12/16	LK	Y
BV81727	Vanadium	11/10/16	11/11/16	11/12/16	LK	Y
BV81727	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81727	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81727	Zinc	11/10/16	11/11/16	11/12/16	LK	Y
BV81728	1,4-dioxane	11/10/16	11/12/16	11/12/16	JLI	Y

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BV81728	Aluminum	11/10/16	11/11/16	11/12/16	LK	Y
BV81728	Antimony	11/10/16	11/11/16	11/12/16	LK	Y
BV81728	Arsenic	11/10/16	11/11/16	11/12/16	LK	Y
BV81728	Barium	11/10/16	11/11/16	11/12/16	LK	Y
BV81728	Beryllium	11/10/16	11/11/16	11/12/16	LK	Y
BV81728	Cadmium	11/10/16	11/11/16	11/12/16	LK	Y
BV81728	Calcium	11/10/16	11/11/16	11/12/16	LK	Y
BV81728	Chromium	11/10/16	11/11/16	11/12/16	LK	Y
BV81728	Cobalt	11/10/16	11/11/16	11/12/16	LK	Y
BV81728	Copper	11/10/16	11/11/16	11/12/16	LK	Y
BV81728	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81728	Iron	11/10/16	11/11/16	11/12/16	LK	Y
BV81728	Lead	11/10/16	11/11/16	11/12/16	LK	Y
BV81728	Magnesium	11/10/16	11/11/16	11/12/16	LK	Y
BV81728	Manganese	11/10/16	11/11/16	11/12/16	LK	Y
BV81728	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81728	Nickel	11/10/16	11/11/16	11/12/16	LK	Y
BV81728	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81728	Pesticides - Soil	11/10/16	11/11/16	11/15/16	CE	Y
BV81728	Polychlorinated Biphenyls	11/10/16	11/11/16	11/14/16	AW	Y
BV81728	Potassium	11/10/16	11/11/16	11/12/16	LK	Y
BV81728	Selenium	11/10/16	11/11/16	11/12/16	LK	Y
BV81728	Semivolatiles	11/10/16	11/11/16	11/11/16	DD	Y
BV81728	Silver	11/10/16	11/11/16	11/12/16	LK	Y
BV81728	Sodium	11/10/16	11/11/16	11/12/16	LK	Y
BV81728	Thallium	11/10/16	11/11/16	11/12/16	LK	Y
BV81728	Vanadium	11/10/16	11/11/16	11/12/16	LK	Y
BV81728	Volatiles	11/10/16	11/12/16	11/12/16	JLI	Y
BV81728	Volatiles	11/10/16	11/12/16	11/12/16	JLI	Y
BV81728	Zinc	11/10/16	11/11/16	11/12/16	LK	Y
BV81729	1,4-dioxane	11/10/16	11/12/16	11/12/16	JLI	Y
BV81729	Aluminum	11/10/16	11/11/16	11/12/16	LK	Y
BV81729	Antimony	11/10/16	11/11/16	11/12/16	LK	Y
BV81729	Arsenic	11/10/16	11/11/16	11/12/16	LK	Y
BV81729	Barium	11/10/16	11/11/16	11/12/16	LK	Y
BV81729	Beryllium	11/10/16	11/11/16	11/12/16	LK	Y
BV81729	Cadmium	11/10/16	11/11/16	11/12/16	LK	Y

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BV81729	Calcium	11/10/16	11/11/16	11/12/16	LK	Y
BV81729	Chromium	11/10/16	11/11/16	11/12/16	LK	Y
BV81729	Cobalt	11/10/16	11/11/16	11/12/16	LK	Y
BV81729	Copper	11/10/16	11/11/16	11/12/16	LK	Y
BV81729	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81729	Iron	11/10/16	11/11/16	11/12/16	LK	Y
BV81729	Lead	11/10/16	11/11/16	11/12/16	LK	Y
BV81729	Magnesium	11/10/16	11/11/16	11/12/16	LK	Y
BV81729	Manganese	11/10/16	11/11/16	11/12/16	LK	Y
BV81729	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81729	Nickel	11/10/16	11/11/16	11/12/16	LK	Y
BV81729	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81729	Pesticides - Soil	11/10/16	11/11/16	11/16/16	CE	Y
BV81729	Polychlorinated Biphenyls	11/10/16	11/11/16	11/14/16	AW	Y
BV81729	Potassium	11/10/16	11/11/16	11/12/16	LK	Y
BV81729	Selenium	11/10/16	11/11/16	11/12/16	LK	Y
BV81729	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81729	Silver	11/10/16	11/11/16	11/12/16	LK	Y
BV81729	Sodium	11/10/16	11/11/16	11/12/16	LK	Y
BV81729	Thallium	11/10/16	11/11/16	11/12/16	LK	Y
BV81729	Vanadium	11/10/16	11/11/16	11/12/16	LK	Y
BV81729	Volatiles	11/10/16	11/12/16	11/12/16	JLI	Y
BV81729	Volatiles	11/10/16	11/14/16	11/14/16	JLI	Y
BV81729	Zinc	11/10/16	11/11/16	11/12/16	LK	Y
BV81730	1,4-dioxane	11/10/16	11/12/16	11/12/16	JLI	Y
BV81730	Aluminum	11/10/16	11/11/16	11/12/16	LK	Y
BV81730	Antimony	11/10/16	11/11/16	11/12/16	LK	Y
BV81730	Arsenic	11/10/16	11/11/16	11/12/16	LK	Y
BV81730	Barium	11/10/16	11/11/16	11/12/16	LK	Y
BV81730	Beryllium	11/10/16	11/11/16	11/12/16	LK	Y
BV81730	Cadmium	11/10/16	11/11/16	11/12/16	LK	Y
BV81730	Calcium	11/10/16	11/11/16	11/12/16	LK	Y
BV81730	Chromium	11/10/16	11/11/16	11/12/16	LK	Y
BV81730	Cobalt	11/10/16	11/11/16	11/12/16	LK	Y
BV81730	Copper	11/10/16	11/11/16	11/12/16	LK	Y
BV81730	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81730	Iron	11/10/16	11/11/16	11/12/16	LK	Y

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BV81730	Lead	11/10/16	11/11/16	11/12/16	LK	Y
BV81730	Magnesium	11/10/16	11/11/16	11/12/16	LK	Y
BV81730	Manganese	11/10/16	11/11/16	11/12/16	LK	Y
BV81730	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81730	Nickel	11/10/16	11/11/16	11/12/16	LK	Y
BV81730	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81730	Pesticides - Soil	11/10/16	11/11/16	11/16/16	CE	Y
BV81730	Polychlorinated Biphenyls	11/10/16	11/11/16	11/14/16	AW	Y
BV81730	Potassium	11/10/16	11/11/16	11/12/16	LK	Y
BV81730	Selenium	11/10/16	11/11/16	11/12/16	LK	Y
BV81730	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81730	Silver	11/10/16	11/11/16	11/12/16	LK	Y
BV81730	Sodium	11/10/16	11/11/16	11/12/16	LK	Y
BV81730	Thallium	11/10/16	11/11/16	11/12/16	LK	Y
BV81730	Vanadium	11/10/16	11/11/16	11/12/16	LK	Y
BV81730	Volatiles	11/10/16	11/12/16	11/12/16	JLI	Y
BV81730	Volatiles	11/10/16	11/12/16	11/12/16	JLI	Y
BV81730	Zinc	11/10/16	11/11/16	11/12/16	LK	Y
BV81731	1,4-dioxane	11/10/16	11/13/16	11/13/16	JLI	Y
BV81731	Aluminum	11/10/16	11/11/16	11/12/16	LK	Y
BV81731	Antimony	11/10/16	11/11/16	11/12/16	LK	Y
BV81731	Arsenic	11/10/16	11/11/16	11/12/16	LK	Y
BV81731	Barium	11/10/16	11/11/16	11/12/16	LK	Y
BV81731	Beryllium	11/10/16	11/11/16	11/12/16	LK	Y
BV81731	Cadmium	11/10/16	11/11/16	11/12/16	LK	Y
BV81731	Calcium	11/10/16	11/11/16	11/12/16	LK	Y
BV81731	Chromium	11/10/16	11/11/16	11/12/16	LK	Y
BV81731	Cobalt	11/10/16	11/11/16	11/12/16	LK	Y
BV81731	Copper	11/10/16	11/11/16	11/12/16	LK	Y
BV81731	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81731	Iron	11/10/16	11/11/16	11/12/16	LK	Y
BV81731	Lead	11/10/16	11/11/16	11/12/16	LK	Y
BV81731	Magnesium	11/10/16	11/11/16	11/12/16	LK	Y
BV81731	Manganese	11/10/16	11/11/16	11/12/16	LK	Y
BV81731	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81731	Nickel	11/10/16	11/11/16	11/12/16	LK	Y
BV81731	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y

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BV81731	Pesticides - Soil	11/10/16	11/11/16	11/16/16	CE	Y
BV81731	Polychlorinated Biphenyls	11/10/16	11/11/16	11/14/16	AW	Y
BV81731	Potassium	11/10/16	11/11/16	11/12/16	LK	Y
BV81731	Selenium	11/10/16	11/11/16	11/12/16	LK	Y
BV81731	Semivolatiles	11/10/16	11/11/16	11/11/16	DD	Y
BV81731	Silver	11/10/16	11/11/16	11/12/16	LK	Y
BV81731	Sodium	11/10/16	11/11/16	11/12/16	LK	Y
BV81731	Thallium	11/10/16	11/11/16	11/12/16	LK	Y
BV81731	Vanadium	11/10/16	11/11/16	11/12/16	LK	Y
BV81731	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81731	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81731	Zinc	11/10/16	11/11/16	11/12/16	LK	Y
BV81732	1,4-dioxane	11/10/16	11/14/16	11/14/16	JLI	Y
BV81732	Aluminum	11/10/16	11/11/16	11/12/16	LK	Y
BV81732	Antimony	11/10/16	11/11/16	11/12/16	LK	Y
BV81732	Arsenic	11/10/16	11/11/16	11/12/16	LK	Y
BV81732	Barium	11/10/16	11/11/16	11/12/16	LK	Y
BV81732	Beryllium	11/10/16	11/11/16	11/12/16	LK	Y
BV81732	Cadmium	11/10/16	11/11/16	11/12/16	LK	Y
BV81732	Calcium	11/10/16	11/11/16	11/12/16	LK	Y
BV81732	Chromium	11/10/16	11/11/16	11/12/16	LK	Y
BV81732	Cobalt	11/10/16	11/11/16	11/12/16	LK	Y
BV81732	Copper	11/10/16	11/11/16	11/12/16	LK	Y
BV81732	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81732	Iron	11/10/16	11/11/16	11/12/16	LK	Y
BV81732	Lead	11/10/16	11/11/16	11/12/16	LK	Y
BV81732	Magnesium	11/10/16	11/11/16	11/12/16	LK	Y
BV81732	Manganese	11/10/16	11/11/16	11/12/16	LK	Y
BV81732	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81732	Nickel	11/10/16	11/11/16	11/12/16	LK	Y
BV81732	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81732	Pesticides - Soil	11/10/16	11/11/16	11/16/16	CE	Y
BV81732	Polychlorinated Biphenyls	11/10/16	11/11/16	11/14/16	AW	Y
BV81732	Potassium	11/10/16	11/11/16	11/12/16	LK	Y
BV81732	Selenium	11/10/16	11/11/16	11/12/16	LK	Y
BV81732	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81732	Silver	11/10/16	11/11/16	11/12/16	LK	Y

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BV81732	Sodium	11/10/16	11/11/16	11/12/16	LK	Y
BV81732	Thallium	11/10/16	11/11/16	11/12/16	LK	Y
BV81732	Vanadium	11/10/16	11/11/16	11/12/16	LK	Y
BV81732	Volatiles	11/10/16	11/14/16	11/14/16	JLI	Y
BV81732	Volatiles	11/10/16	11/14/16	11/14/16	JLI	Y
BV81732	Zinc	11/10/16	11/11/16	11/12/16	LK	Y
BV81733	1,4-dioxane	11/10/16	11/12/16	11/12/16	JLI	Y
BV81733	Aluminum	11/10/16	11/11/16	11/12/16	LK	Y
BV81733	Antimony	11/10/16	11/11/16	11/12/16	LK	Y
BV81733	Arsenic	11/10/16	11/11/16	11/12/16	LK	Y
BV81733	Barium	11/10/16	11/11/16	11/12/16	LK	Y
BV81733	Beryllium	11/10/16	11/11/16	11/12/16	LK	Y
BV81733	Cadmium	11/10/16	11/11/16	11/12/16	LK	Y
BV81733	Calcium	11/10/16	11/11/16	11/12/16	LK	Y
BV81733	Chromium	11/10/16	11/11/16	11/12/16	LK	Y
BV81733	Cobalt	11/10/16	11/11/16	11/12/16	LK	Y
BV81733	Copper	11/10/16	11/11/16	11/12/16	LK	Y
BV81733	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81733	Iron	11/10/16	11/11/16	11/12/16	LK	Y
BV81733	Lead	11/10/16	11/11/16	11/14/16	LK	Y
BV81733	Magnesium	11/10/16	11/11/16	11/12/16	LK	Y
BV81733	Manganese	11/10/16	11/11/16	11/12/16	LK	Y
BV81733	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81733	Nickel	11/10/16	11/11/16	11/12/16	LK	Y
BV81733	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81733	Pesticides - Soil	11/10/16	11/11/16	11/16/16	CE	Y
BV81733	Polychlorinated Biphenyls	11/10/16	11/11/16	11/16/16	AW	Y
BV81733	Potassium	11/10/16	11/11/16	11/12/16	LK	Y
BV81733	Selenium	11/10/16	11/11/16	11/12/16	LK	Y
BV81733	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81733	Silver	11/10/16	11/11/16	11/12/16	LK	Y
BV81733	Sodium	11/10/16	11/11/16	11/12/16	LK	Y
BV81733	Thallium	11/10/16	11/11/16	11/12/16	LK	Y
BV81733	Vanadium	11/10/16	11/11/16	11/12/16	LK	Y
BV81733	Volatiles	11/10/16	11/12/16	11/12/16	JLI	Y
BV81733	Volatiles	11/10/16	11/12/16	11/12/16	JLI	Y
BV81733	Zinc	11/10/16	11/11/16	11/12/16	LK	Y

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NY Analytical Services Protocol Format

November 28, 2016 **SDG I.D.: GBV81727**

Environmental Business Consultants 260 W126TH ST., NY, NY

BV81734	1,4-dioxane	11/10/16	11/14/16	11/14/16	JLI	Y
BV81734	Aluminum	11/10/16	11/11/16	11/12/16	LK	Y
BV81734	Antimony	11/10/16	11/11/16	11/12/16	LK	Y
BV81734	Arsenic	11/10/16	11/11/16	11/12/16	LK	Y
BV81734	Barium	11/10/16	11/11/16	11/12/16	LK	Y
BV81734	Beryllium	11/10/16	11/11/16	11/12/16	LK	Y
BV81734	Cadmium	11/10/16	11/11/16	11/12/16	LK	Y
BV81734	Calcium	11/10/16	11/11/16	11/12/16	LK	Y
BV81734	Chromium	11/10/16	11/11/16	11/12/16	LK	Y
BV81734	Cobalt	11/10/16	11/11/16	11/12/16	LK	Y
BV81734	Copper	11/10/16	11/11/16	11/12/16	LK	Y
BV81734	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81734	Iron	11/10/16	11/11/16	11/12/16	LK	Y
BV81734	Lead	11/10/16	11/11/16	11/12/16	LK	Y
BV81734	Magnesium	11/10/16	11/11/16	11/12/16	LK	Y
BV81734	Manganese	11/10/16	11/11/16	11/12/16	LK	Y
BV81734	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81734	Nickel	11/10/16	11/11/16	11/12/16	LK	Y
BV81734	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81734	Pesticides - Soil	11/10/16	11/11/16	11/16/16	CE	Y
BV81734	Polychlorinated Biphenyls	11/10/16	11/11/16	11/16/16	AW	Y
BV81734	Potassium	11/10/16	11/11/16	11/12/16	LK	Y
BV81734	Selenium	11/10/16	11/11/16	11/12/16	LK	Y
BV81734	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81734	Silver	11/10/16	11/11/16	11/12/16	LK	Y
BV81734	Sodium	11/10/16	11/11/16	11/12/16	LK	Y
BV81734	Thallium	11/10/16	11/11/16	11/12/16	LK	Y
BV81734	Vanadium	11/10/16	11/11/16	11/12/16	LK	Y
BV81734	Volatiles	11/10/16	11/14/16	11/14/16	JLI	Y
BV81734	Volatiles	11/10/16	11/14/16	11/14/16	JLI	Y
BV81734	Zinc	11/10/16	11/11/16	11/12/16	LK	Y
BV81735	1,4-dioxane	11/10/16	11/12/16	11/12/16	JLI	Y
BV81735	Aluminum	11/10/16	11/11/16	11/12/16	LK	Y
BV81735	Antimony	11/10/16	11/11/16	11/12/16	LK	Y
BV81735	Arsenic	11/10/16	11/11/16	11/12/16	LK	Y
BV81735	Barium	11/10/16	11/11/16	11/12/16	LK	Y
BV81735	Beryllium	11/10/16	11/11/16	11/12/16	LK	Y

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BV81735	Cadmium	11/10/16	11/11/16	11/12/16	LK	Y
BV81735	Calcium	11/10/16	11/11/16	11/12/16	LK	Y
BV81735	Chromium	11/10/16	11/11/16	11/12/16	LK	Y
BV81735	Cobalt	11/10/16	11/11/16	11/12/16	LK	Y
BV81735	Copper	11/10/16	11/11/16	11/12/16	LK	Y
BV81735	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81735	Iron	11/10/16	11/11/16	11/12/16	LK	Y
BV81735	Lead	11/10/16	11/11/16	11/12/16	LK	Y
BV81735	Magnesium	11/10/16	11/11/16	11/12/16	LK	Y
BV81735	Manganese	11/10/16	11/11/16	11/12/16	LK	Y
BV81735	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81735	Nickel	11/10/16	11/11/16	11/12/16	LK	Y
BV81735	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81735	Pesticides - Soil	11/10/16	11/11/16	11/16/16	CE	Y
BV81735	Polychlorinated Biphenyls	11/10/16	11/11/16	11/16/16	AW	Y
BV81735	Potassium	11/10/16	11/11/16	11/12/16	LK	Y
BV81735	Selenium	11/10/16	11/11/16	11/12/16	LK	Y
BV81735	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81735	Silver	11/10/16	11/11/16	11/12/16	LK	Y
BV81735	Sodium	11/10/16	11/11/16	11/12/16	LK	Y
BV81735	Thallium	11/10/16	11/11/16	11/12/16	LK	Y
BV81735	Vanadium	11/10/16	11/11/16	11/12/16	LK	Y
BV81735	Volatiles	11/10/16	11/12/16	11/12/16	JLI	Y
BV81735	Volatiles	11/10/16	11/14/16	11/14/16	JLI	Y
BV81735	Zinc	11/10/16	11/11/16	11/14/16	LK	Y
BV81736	1,4-dioxane	11/10/16	11/12/16	11/12/16	JLI	Y
BV81736	Aluminum	11/10/16	11/11/16	11/12/16	LK	Y
BV81736	Antimony	11/10/16	11/11/16	11/12/16	LK	Y
BV81736	Arsenic	11/10/16	11/11/16	11/12/16	LK	Y
BV81736	Barium	11/10/16	11/11/16	11/12/16	LK	Y
BV81736	Beryllium	11/10/16	11/11/16	11/12/16	LK	Y
BV81736	Cadmium	11/10/16	11/11/16	11/12/16	LK	Y
BV81736	Calcium	11/10/16	11/11/16	11/12/16	LK	Y
BV81736	Chromium	11/10/16	11/11/16	11/12/16	LK	Y
BV81736	Cobalt	11/10/16	11/11/16	11/12/16	LK	Y
BV81736	Copper	11/10/16	11/11/16	11/12/16	LK	Y
BV81736	Field Extraction	11/10/16	11/10/16	11/10/16		Y

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BV81736	Iron	11/10/16	11/11/16	11/12/16	LK	Y
BV81736	Lead	11/10/16	11/11/16	11/12/16	LK	Y
BV81736	Magnesium	11/10/16	11/11/16	11/12/16	LK	Y
BV81736	Manganese	11/10/16	11/11/16	11/12/16	LK	Y
BV81736	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81736	Nickel	11/10/16	11/11/16	11/12/16	LK	Y
BV81736	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81736	Pesticides - Soil	11/10/16	11/11/16	11/16/16	CE	Y
BV81736	Polychlorinated Biphenyls	11/10/16	11/11/16	11/14/16	AW	Y
BV81736	Potassium	11/10/16	11/11/16	11/12/16	LK	Y
BV81736	Selenium	11/10/16	11/11/16	11/12/16	LK	Y
BV81736	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81736	Silver	11/10/16	11/11/16	11/12/16	LK	Y
BV81736	Sodium	11/10/16	11/11/16	11/12/16	LK	Y
BV81736	Thallium	11/10/16	11/11/16	11/12/16	LK	Y
BV81736	Vanadium	11/10/16	11/11/16	11/12/16	LK	Y
BV81736	Volatiles	11/10/16	11/12/16	11/12/16	JLI	Y
BV81736	Volatiles	11/10/16	11/12/16	11/12/16	JLI	Y
BV81736	Zinc	11/10/16	11/11/16	11/12/16	LK	Y
BV81737	1,4-dioxane	11/10/16	11/13/16	11/13/16	JLI	Y
BV81737	Aluminum	11/10/16	11/11/16	11/12/16	LK	Y
BV81737	Antimony	11/10/16	11/11/16	11/12/16	LK	Y
BV81737	Arsenic	11/10/16	11/11/16	11/12/16	LK	Y
BV81737	Barium	11/10/16	11/11/16	11/12/16	LK	Y
BV81737	Beryllium	11/10/16	11/11/16	11/12/16	LK	Y
BV81737	Cadmium	11/10/16	11/11/16	11/12/16	LK	Y
BV81737	Calcium	11/10/16	11/11/16	11/12/16	LK	Y
BV81737	Chromium	11/10/16	11/11/16	11/12/16	LK	Y
BV81737	Cobalt	11/10/16	11/11/16	11/12/16	LK	Y
BV81737	Copper	11/10/16	11/11/16	11/12/16	LK	Y
BV81737	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81737	Iron	11/10/16	11/11/16	11/12/16	LK	Y
BV81737	Lead	11/10/16	11/11/16	11/12/16	LK	Y
BV81737	Magnesium	11/10/16	11/11/16	11/12/16	LK	Y
BV81737	Manganese	11/10/16	11/11/16	11/12/16	LK	Y
BV81737	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81737	Nickel	11/10/16	11/11/16	11/12/16	LK	Y

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BV81737	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81737	Pesticides - Soil	11/10/16	11/11/16	11/16/16	CE	Y
BV81737	Polychlorinated Biphenyls	11/10/16	11/11/16	11/14/16	AW	Y
BV81737	Potassium	11/10/16	11/11/16	11/12/16	LK	Y
BV81737	Selenium	11/10/16	11/11/16	11/12/16	LK	Y
BV81737	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y
BV81737	Silver	11/10/16	11/11/16	11/12/16	LK	Y
BV81737	Sodium	11/10/16	11/11/16	11/12/16	LK	Y
BV81737	Thallium	11/10/16	11/11/16	11/12/16	LK	Y
BV81737	Vanadium	11/10/16	11/11/16	11/12/16	LK	Y
BV81737	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81737	Volatiles	11/10/16	11/14/16	11/14/16	JLI	Y
BV81737	Zinc	11/10/16	11/11/16	11/12/16	LK	Y
BV81738	1,4-dioxane	11/10/16	11/13/16	11/13/16	JLI	Y
BV81738	Aluminum	11/10/16	11/11/16	11/12/16	LK	Y
BV81738	Antimony	11/10/16	11/11/16	11/12/16	LK	Y
BV81738	Arsenic	11/10/16	11/11/16	11/12/16	LK	Y
BV81738	Barium	11/10/16	11/11/16	11/12/16	LK	Y
BV81738	Beryllium	11/10/16	11/11/16	11/12/16	LK	Y
BV81738	Cadmium	11/10/16	11/11/16	11/12/16	LK	Y
BV81738	Calcium	11/10/16	11/11/16	11/12/16	LK	Y
BV81738	Chromium	11/10/16	11/11/16	11/12/16	LK	Y
BV81738	Cobalt	11/10/16	11/11/16	11/12/16	LK	Y
BV81738	Copper	11/10/16	11/11/16	11/12/16	LK	Y
BV81738	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81738	Iron	11/10/16	11/11/16	11/12/16	LK	Y
BV81738	Lead	11/10/16	11/11/16	11/12/16	LK	Y
BV81738	Magnesium	11/10/16	11/11/16	11/12/16	LK	Y
BV81738	Manganese	11/10/16	11/11/16	11/12/16	LK	Y
BV81738	Mercury	11/10/16	11/14/16	11/14/16	RS	Y
BV81738	Nickel	11/10/16	11/11/16	11/12/16	LK	Y
BV81738	Percent Solid	11/10/16	11/11/16	11/11/16	W	Y
BV81738	Pesticides - Soil	11/10/16	11/11/16	11/16/16	CE	Y
BV81738	Polychlorinated Biphenyls	11/10/16	11/11/16	11/14/16	AW	Y
BV81738	Potassium	11/10/16	11/11/16	11/12/16	LK	Y
BV81738	Selenium	11/10/16	11/11/16	11/12/16	LK	Y
BV81738	Semivolatiles	11/10/16	11/11/16	11/12/16	DD	Y

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BV81738	Silver	11/10/16	11/11/16	11/12/16	LK	Y
BV81738	Sodium	11/10/16	11/11/16	11/12/16	LK	Y
BV81738	Thallium	11/10/16	11/11/16	11/12/16	LK	Y
BV81738	Vanadium	11/10/16	11/11/16	11/12/16	LK	Y
BV81738	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81738	Volatiles	11/10/16	11/13/16	11/13/16	JLI	Y
BV81738	Zinc	11/10/16	11/11/16	11/12/16	LK	Y
BV81739	1,4-dioxane	11/10/16	11/12/16	11/12/16	JLI	Y
BV81739	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81739	Volatiles	11/10/16	11/12/16	11/12/16	JLI	Y
BV81739	Volatiles	11/10/16	11/12/16	11/12/16	JLI	Y
BV81740	1,4-dioxane	11/10/16	11/12/16	11/12/16	JLI	Y
BV81740	Field Extraction	11/10/16	11/10/16	11/10/16		Y
BV81740	Volatiles	11/10/16	11/12/16	11/12/16	JLI	Y
BV81740	Volatiles	11/10/16	11/12/16	11/12/16	JLI	Y

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NY # 11301

SDG Comments

November 28, 2016

SDG I.D.: GBV81727

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

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Analysis Report

November 28, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/10/16	
Location Code:	EBC	Received by:	LB	11/11/16	15:41
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV81727
Phoenix ID: BV81727

Project ID: 260 W126TH ST., NY, NY
Client ID: SB2 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	ND		0.34	0.34	mg/Kg	1	11/12/16	LK	SW6010C	
Aluminum	5750		34	6.8	mg/Kg	10	11/12/16	LK	SW6010C	
Arsenic	4.60		0.68	0.68	mg/Kg	1	11/12/16	LK	SW6010C	
Barium	102		0.7	0.34	mg/Kg	1	11/12/16	LK	SW6010C	
Beryllium	0.47		0.27	0.14	mg/Kg	1	11/12/16	LK	SW6010C	
Calcium	43800		34	31	mg/Kg	10	11/12/16	LK	SW6010C	
Cadmium	0.52		0.34	0.34	mg/Kg	1	11/12/16	LK	SW6010C	
Cobalt	9.67		0.34	0.34	mg/Kg	1	11/12/16	LK	SW6010C	
Chromium	14.1		0.34	0.34	mg/Kg	1	11/12/16	LK	SW6010C	
Copper	76.4		0.34	0.34	mg/kg	1	11/12/16	LK	SW6010C	
Iron	12700		34	34	mg/Kg	10	11/12/16	LK	SW6010C	
Mercury	0.02	B	0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B	
Potassium	1370	N	7	2.7	mg/Kg	1	11/12/16	LK	SW6010C	
Magnesium	15300		34	34	mg/Kg	10	11/12/16	LK	SW6010C	
Manganese	183		3.4	3.4	mg/Kg	10	11/12/16	LK	SW6010C	
Sodium	517	N	7	2.9	mg/Kg	1	11/12/16	LK	SW6010C	
Nickel	43.6		0.34	0.34	mg/Kg	1	11/12/16	LK	SW6010C	
Lead	138		6.8	3.4	mg/Kg	10	11/12/16	LK	SW6010C	B
Antimony	ND		1.7	1.7	mg/Kg	1	11/12/16	LK	SW6010C	
Selenium	ND		1.4	1.2	mg/Kg	1	11/12/16	LK	SW6010C	
Thallium	ND		1.4	1.4	mg/Kg	1	11/12/16	LK	SW6010C	
Vanadium	39.8		0.34	0.34	mg/Kg	1	11/12/16	LK	SW6010C	
Zinc	167		6.8	3.4	mg/Kg	10	11/12/16	LK	SW6010C	
Percent Solid	93				%		11/11/16	W	SW846-%Solid	
Soil Extraction for PCB	Completed						11/11/16	NC/V	SW3545A	
Soil Extraction for Pest	Completed						11/11/16	NC/V	SW3545A	
Soil Extraction for SVOA	Completed						11/11/16	NJ/CKV	SW3545A	
Mercury Digestion	Completed						11/14/16	W/W	SW7471B	

Ver 2

Project ID: 260 W126TH ST., NY, NY
Client ID: SB2 0-2

Phoenix I.D.: BV81727

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/11/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	71	71	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1221	ND	71	71	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1232	ND	71	71	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1242	ND	71	71	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1248	ND	71	71	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1254	ND	71	71	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1260	ND	71	71	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1262	ND	71	71	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1268	ND	71	71	ug/Kg	2	11/14/16	AW	SW8082A
QA/QC Surrogates								
% DCBP	58			%	2	11/14/16	AW	40 - 140 %
% TCMX	67			%	2	11/14/16	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.1	2.1	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDE	ND	2.1	2.1	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDT	ND	3.0	3.0	ug/Kg	2	11/16/16	CE	SW8081B
a-BHC	ND	7.1	7.1	ug/Kg	2	11/16/16	CE	SW8081B
a-Chlordane	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Aldrin	ND	3.5	3.5	ug/Kg	2	11/16/16	CE	SW8081B
b-BHC	ND	7.1	7.1	ug/Kg	2	11/16/16	CE	SW8081B
Chlordane	ND	35	35	ug/Kg	2	11/16/16	CE	SW8081B
d-BHC	ND	7.1	7.1	ug/Kg	2	11/16/16	CE	SW8081B
Dieldrin	ND	3.5	3.5	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan I	ND	7.1	7.1	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan II	ND	7.1	7.1	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan sulfate	ND	7.1	7.1	ug/Kg	2	11/16/16	CE	SW8081B
Endrin	ND	7.1	7.1	ug/Kg	2	11/16/16	CE	SW8081B
Endrin aldehyde	ND	7.1	7.1	ug/Kg	2	11/16/16	CE	SW8081B
Endrin ketone	ND	7.1	7.1	ug/Kg	2	11/16/16	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	11/16/16	CE	SW8081B
g-Chlordane	ND	3.5	3.5	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor	ND	7.1	7.1	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor epoxide	ND	7.1	7.1	ug/Kg	2	11/16/16	CE	SW8081B
Methoxychlor	ND	35	35	ug/Kg	2	11/16/16	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	11/16/16	CE	SW8081B
QA/QC Surrogates								
% DCBP	74			%	2	11/16/16	CE	40 - 140 %
% TCMX	77			%	2	11/16/16	CE	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	3.8	0.76	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.8	0.76	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.8	0.76	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.8	0.76	ug/Kg	1	11/13/16	JLI	SW8260C

Project ID: 260 W126TH ST., NY, NY
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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloroethene	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
1,1-Dichloropropene	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		3.8	0.76	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		3.8	0.76	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		3.8	0.76	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2-Dibromoethane	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2-Dichloroethane	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2-Dichloropropane	ND		3.8	0.76	ug/Kg	1	11/13/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
1,3-Dichloropropane	ND		3.8	0.76	ug/Kg	1	11/13/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
2,2-Dichloropropane	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
2-Chlorotoluene	ND		3.8	0.76	ug/Kg	1	11/13/16	JLI	SW8260C	
2-Hexanone	ND		19	3.8	ug/Kg	1	11/13/16	JLI	SW8260C	
2-Isopropyltoluene	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	1
4-Chlorotoluene	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND		19	3.8	ug/Kg	1	11/13/16	JLI	SW8260C	
Acetone	8.1	JS	19	3.8	ug/Kg	1	11/13/16	JLI	SW8260C	
Acrylonitrile	ND		7.6	0.76	ug/Kg	1	11/13/16	JLI	SW8260C	
Benzene	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
Bromobenzene	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
Bromochloromethane	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
Bromodichloromethane	ND		3.8	0.76	ug/Kg	1	11/13/16	JLI	SW8260C	
Bromoform	ND		3.8	0.76	ug/Kg	1	11/13/16	JLI	SW8260C	
Bromomethane	ND		3.8	1.5	ug/Kg	1	11/13/16	JLI	SW8260C	
Carbon Disulfide	ND		3.8	0.76	ug/Kg	1	11/13/16	JLI	SW8260C	
Carbon tetrachloride	ND		3.8	0.76	ug/Kg	1	11/13/16	JLI	SW8260C	
Chlorobenzene	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
Chloroethane	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
Chloroform	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
Chloromethane	ND		3.8	0.76	ug/Kg	1	11/13/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
Dibromochloromethane	ND		3.8	0.76	ug/Kg	1	11/13/16	JLI	SW8260C	
Dibromomethane	ND		3.8	0.76	ug/Kg	1	11/13/16	JLI	SW8260C	
Dichlorodifluoromethane	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
Ethylbenzene	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
Hexachlorobutadiene	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
Isopropylbenzene	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
m&p-Xylene	ND		3.8	0.76	ug/Kg	1	11/13/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND		23	3.8	ug/Kg	1	11/13/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		7.6	0.76	ug/Kg	1	11/13/16	JLI	SW8260C	
Methylene chloride	ND		3.8	3.8	ug/Kg	1	11/13/16	JLI	SW8260C	
Naphthalene	ND		3.8	0.76	ug/Kg	1	11/13/16	JLI	SW8260C	
n-Butylbenzene	ND		3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	ND	3.8	0.76	ug/Kg	1	11/13/16	JLI	SW8260C	
o-Xylene	ND	3.8	0.76	ug/Kg	1	11/13/16	JLI	SW8260C	
p-Isopropyltoluene	ND	3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
sec-Butylbenzene	ND	3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
Styrene	ND	3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
tert-Butylbenzene	ND	3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
Tetrachloroethene	ND	3.8	0.76	ug/Kg	1	11/13/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	7.6	1.9	ug/Kg	1	11/13/16	JLI	SW8260C	1
Toluene	ND	3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	7.6	1.9	ug/Kg	1	11/13/16	JLI	SW8260C	
Trichloroethene	ND	3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
Trichlorofluoromethane	ND	3.8	0.76	ug/Kg	1	11/13/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
Vinyl chloride	ND	3.8	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98			%	1	11/13/16	JLI	70 - 130 %	
% Bromofluorobenzene	98			%	1	11/13/16	JLI	70 - 130 %	
% Dibromofluoromethane	100			%	1	11/13/16	JLI	70 - 130 %	
% Toluene-d8	97			%	1	11/13/16	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	57	31	ug/kg	1	11/13/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98			%	1	11/13/16	JLI	70 - 130 %	
% Bromofluorobenzene	98			%	1	11/13/16	JLI	70 - 130 %	
% Toluene-d8	97			%	1	11/13/16	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	15	0.76	ug/Kg	1	11/13/16	JLI	SW8260C	
Acrolein	ND	15	1.9	ug/Kg	1	11/13/16	JLI	SW8260C	
Acrylonitrile	ND	15	0.38	ug/Kg	1	11/13/16	JLI	SW8260C	
Tert-butyl alcohol	ND	76	15	ug/Kg	1	11/13/16	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	11/12/16	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
1,2-Dichlorobenzene	ND	240	98	ug/Kg	1	11/12/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
1,3-Dichlorobenzene	ND	240	100	ug/Kg	1	11/12/16	DD	SW8270D	
1,4-Dichlorobenzene	ND	240	100	ug/Kg	1	11/12/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	1	11/12/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND	170	110	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dichlorophenol	ND	170	120	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dimethylphenol	ND	240	87	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dinitrophenol	ND	240	240	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	140	ug/Kg	1	11/12/16	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	110	ug/Kg	1	11/12/16	DD	SW8270D	
2-Chloronaphthalene	ND	240	99	ug/Kg	1	11/12/16	DD	SW8270D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Chlorophenol	ND		240	99	ug/Kg	1	11/12/16	DD	SW8270D	
2-Methylnaphthalene	ND		240	100	ug/Kg	1	11/12/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		240	160	ug/Kg	1	11/12/16	DD	SW8270D	
2-Nitroaniline	ND		240	240	ug/Kg	1	11/12/16	DD	SW8270D	
2-Nitrophenol	ND		240	220	ug/Kg	1	11/12/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		240	140	ug/Kg	1	11/12/16	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		170	160	ug/Kg	1	11/12/16	DD	SW8270D	
3-Nitroaniline	ND		350	700	ug/Kg	1	11/12/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		210	70	ug/Kg	1	11/12/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		240	100	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND		240	120	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chloroaniline	ND		280	160	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		240	120	ug/Kg	1	11/12/16	DD	SW8270D	
4-Nitroaniline	ND		350	120	ug/Kg	1	11/12/16	DD	SW8270D	
4-Nitrophenol	ND		350	160	ug/Kg	1	11/12/16	DD	SW8270D	
Acenaphthene	ND		240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Acenaphthylene	ND		240	98	ug/Kg	1	11/12/16	DD	SW8270D	
Acetophenone	ND		240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Aniline	ND		280	280	ug/Kg	1	11/12/16	DD	SW8270D	
Anthracene	ND		240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Benz(a)anthracene	180	J	240	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benzidine	ND		350	210	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(a)pyrene	190		170	110	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(b)fluoranthene	200	J	240	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(ghi)perylene	130	J	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(k)fluoranthene	180	J	240	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benzoic acid	ND		1700	700	ug/Kg	1	11/12/16	DD	SW8270D	1
Benzyl butyl phthalate	ND		240	90	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		240	96	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		170	94	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		240	97	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	120	J	240	100	ug/Kg	1	11/12/16	DD	SW8270D	
Carbazole	ND		170	140	ug/Kg	1	11/12/16	DD	SW8270D	
Chrysene	260		240	120	ug/Kg	1	11/12/16	DD	SW8270D	
Dibenz(a,h)anthracene	ND		170	110	ug/Kg	1	11/12/16	DD	SW8270D	
Dibenzofuran	ND		240	100	ug/Kg	1	11/12/16	DD	SW8270D	
Diethyl phthalate	ND		240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Dimethylphthalate	ND		240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Di-n-butylphthalate	ND		240	93	ug/Kg	1	11/12/16	DD	SW8270D	
Di-n-octylphthalate	ND		240	90	ug/Kg	1	11/12/16	DD	SW8270D	
Fluoranthene	270		240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Fluorene	ND		240	120	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorobenzene	ND		170	100	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorobutadiene	ND		240	130	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorocyclopentadiene	ND		240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachloroethane	ND		170	100	ug/Kg	1	11/12/16	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	130	J	240	120	ug/Kg	1	11/12/16	DD	SW8270D	
Isophorone	ND		170	98	ug/Kg	1	11/12/16	DD	SW8270D	
Naphthalene	ND		240	100	ug/Kg	1	11/12/16	DD	SW8270D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND		170	120	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND		240	98	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND		170	110	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND		240	130	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND		240	130	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND		210	130	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	190	J	240	100	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND		240	110	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	260		240	120	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND		240	86	ug/Kg	1	11/12/16	DD	SW8270D
QA/QC Surrogates									
% 2,4,6-Tribromophenol	47				%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	45				%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	33				%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	52				%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	43				%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	41				%	1	11/12/16	DD	30 - 130 %

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/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Pesticide Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the affected compounds.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
November 28, 2016
Reviewed and Released by: Jon Carlson, Project Manager

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

Analysis Report

November 28, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/10/16	
Location Code:	EBC	Received by:	LB	11/11/16	15:41
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV81727
Phoenix ID: BV81728

Project ID: 260 W126TH ST., NY, NY
Client ID: SB2 6-12

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	ND		0.34	0.34	mg/Kg	1	11/12/16	LK	SW6010C	
Aluminum	7270		34	6.8	mg/Kg	10	11/12/16	LK	SW6010C	
Arsenic	2.90		0.68	0.68	mg/Kg	1	11/12/16	LK	SW6010C	
Barium	142		0.7	0.34	mg/Kg	1	11/12/16	LK	SW6010C	
Beryllium	0.36		0.27	0.14	mg/Kg	1	11/12/16	LK	SW6010C	
Calcium	13300		34	31	mg/Kg	10	11/12/16	LK	SW6010C	
Cadmium	0.39		0.34	0.34	mg/Kg	1	11/12/16	LK	SW6010C	
Cobalt	6.65		0.34	0.34	mg/Kg	1	11/12/16	LK	SW6010C	
Chromium	15.6		0.34	0.34	mg/Kg	1	11/12/16	LK	SW6010C	
Copper	47.8		0.34	0.34	mg/kg	1	11/12/16	LK	SW6010C	
Iron	12600		34	34	mg/Kg	10	11/12/16	LK	SW6010C	
Mercury	0.48		0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B	
Potassium	1550	N	7	2.6	mg/Kg	1	11/12/16	LK	SW6010C	
Magnesium	3730		3.4	3.4	mg/Kg	1	11/12/16	LK	SW6010C	
Manganese	332		3.4	3.4	mg/Kg	10	11/12/16	LK	SW6010C	
Sodium	852	N	7	2.9	mg/Kg	1	11/12/16	LK	SW6010C	
Nickel	13.4		0.34	0.34	mg/Kg	1	11/12/16	LK	SW6010C	
Lead	189		6.8	3.4	mg/Kg	10	11/12/16	LK	SW6010C	B
Antimony	ND		1.7	1.7	mg/Kg	1	11/12/16	LK	SW6010C	
Selenium	ND		1.4	1.2	mg/Kg	1	11/12/16	LK	SW6010C	
Thallium	ND		1.4	1.4	mg/Kg	1	11/12/16	LK	SW6010C	
Vanadium	23.4		0.34	0.34	mg/Kg	1	11/12/16	LK	SW6010C	
Zinc	75.3		0.7	0.34	mg/Kg	1	11/12/16	LK	SW6010C	
Percent Solid	91				%		11/11/16	W	SW846-%Solid	
Soil Extraction for PCB	Completed						11/11/16	NC/V	SW3545A	
Soil Extraction for Pest	Completed						11/11/16	NC/V	SW3545A	
Soil Extraction for SVOA	Completed						11/11/16	NJ/CKV	SW3545A	
Mercury Digestion	Completed						11/14/16	W/W	SW7471B	

Ver 2

Project ID: 260 W126TH ST., NY, NY
Client ID: SB2 6-12

Phoenix I.D.: BV81728

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/11/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	73	73	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1221	ND	73	73	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1232	ND	73	73	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1242	ND	73	73	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1248	ND	73	73	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1254	ND	73	73	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1260	ND	73	73	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1262	ND	73	73	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1268	ND	73	73	ug/Kg	2	11/14/16	AW	SW8082A
QA/QC Surrogates								
% DCBP	64			%	2	11/14/16	AW	40 - 140 %
% TCMX	78			%	2	11/14/16	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.2	2.2	ug/Kg	2	11/15/16	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	11/15/16	CE	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	11/15/16	CE	SW8081B
a-BHC	ND	7.3	7.3	ug/Kg	2	11/15/16	CE	SW8081B
a-Chlordane	ND	3.7	3.7	ug/Kg	2	11/15/16	CE	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	11/15/16	CE	SW8081B
b-BHC	ND	7.3	7.3	ug/Kg	2	11/15/16	CE	SW8081B
Chlordane	ND	37	37	ug/Kg	2	11/15/16	CE	SW8081B
d-BHC	ND	7.3	7.3	ug/Kg	2	11/15/16	CE	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	11/15/16	CE	SW8081B
Endosulfan I	ND	7.3	7.3	ug/Kg	2	11/15/16	CE	SW8081B
Endosulfan II	ND	7.3	7.3	ug/Kg	2	11/15/16	CE	SW8081B
Endosulfan sulfate	ND	7.3	7.3	ug/Kg	2	11/15/16	CE	SW8081B
Endrin	ND	7.3	7.3	ug/Kg	2	11/15/16	CE	SW8081B
Endrin aldehyde	ND	7.3	7.3	ug/Kg	2	11/15/16	CE	SW8081B
Endrin ketone	ND	7.3	7.3	ug/Kg	2	11/15/16	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	11/15/16	CE	SW8081B
g-Chlordane	ND	3.7	3.7	ug/Kg	2	11/15/16	CE	SW8081B
Heptachlor	ND	7.3	7.3	ug/Kg	2	11/15/16	CE	SW8081B
Heptachlor epoxide	ND	7.3	7.3	ug/Kg	2	11/15/16	CE	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	11/15/16	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	11/15/16	CE	SW8081B
QA/QC Surrogates								
% DCBP	95			%	2	11/15/16	CE	40 - 140 %
% TCMX	76			%	2	11/15/16	CE	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	3.0	0.59	ug/Kg	1	11/12/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.0	0.59	ug/Kg	1	11/12/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.0	0.59	ug/Kg	1	11/12/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.0	0.59	ug/Kg	1	11/12/16	JLI	SW8260C

Project ID: 260 W126TH ST., NY, NY
Client ID: SB2 6-12

Phoenix I.D.: BV81728

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloroethene	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
1,1-Dichloropropene	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		3.0	0.59	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		3.0	0.59	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	0.31	J	3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		3.0	0.59	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dibromoethane	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dichloroethane	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dichloropropane	ND		3.0	0.59	ug/Kg	1	11/12/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
1,3-Dichloropropane	ND		3.0	0.59	ug/Kg	1	11/12/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
2,2-Dichloropropane	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
2-Chlorotoluene	ND		3.0	0.59	ug/Kg	1	11/12/16	JLI	SW8260C	
2-Hexanone	ND		15	3.0	ug/Kg	1	11/12/16	JLI	SW8260C	
2-Isopropyltoluene	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	1
4-Chlorotoluene	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND		15	3.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Acetone	5.7	JS	15	3.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Acrylonitrile	ND		5.9	0.59	ug/Kg	1	11/12/16	JLI	SW8260C	
Benzene	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromobenzene	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromochloromethane	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromodichloromethane	ND		3.0	0.59	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromoform	ND		3.0	0.59	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromomethane	ND		3.0	1.2	ug/Kg	1	11/12/16	JLI	SW8260C	
Carbon Disulfide	ND		3.0	0.59	ug/Kg	1	11/12/16	JLI	SW8260C	
Carbon tetrachloride	ND		3.0	0.59	ug/Kg	1	11/12/16	JLI	SW8260C	
Chlorobenzene	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
Chloroethane	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
Chloroform	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
Chloromethane	ND		3.0	0.59	ug/Kg	1	11/12/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
Dibromochloromethane	ND		3.0	0.59	ug/Kg	1	11/12/16	JLI	SW8260C	
Dibromomethane	ND		3.0	0.59	ug/Kg	1	11/12/16	JLI	SW8260C	
Dichlorodifluoromethane	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
Ethylbenzene	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
Hexachlorobutadiene	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
Isopropylbenzene	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
m&p-Xylene	ND		3.0	0.59	ug/Kg	1	11/12/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND		18	3.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		5.9	0.59	ug/Kg	1	11/12/16	JLI	SW8260C	
Methylene chloride	ND		3.0	3.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Naphthalene	ND		3.0	0.59	ug/Kg	1	11/12/16	JLI	SW8260C	
n-Butylbenzene	ND		3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	ND	3.0	0.59	ug/Kg	1	11/12/16	JLI	SW8260C	
o-Xylene	ND	3.0	0.59	ug/Kg	1	11/12/16	JLI	SW8260C	
p-Isopropyltoluene	ND	3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
sec-Butylbenzene	ND	3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
Styrene	ND	3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
tert-Butylbenzene	ND	3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
Tetrachloroethene	ND	3.0	0.59	ug/Kg	1	11/12/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	5.9	1.5	ug/Kg	1	11/12/16	JLI	SW8260C	1
Toluene	ND	3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.9	1.5	ug/Kg	1	11/12/16	JLI	SW8260C	
Trichloroethene	ND	3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
Trichlorofluoromethane	ND	3.0	0.59	ug/Kg	1	11/12/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
Vinyl chloride	ND	3.0	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99			%	1	11/12/16	JLI	70 - 130 %	
% Bromofluorobenzene	101			%	1	11/12/16	JLI	70 - 130 %	
% Dibromofluoromethane	97			%	1	11/12/16	JLI	70 - 130 %	
% Toluene-d8	99			%	1	11/12/16	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	45	24	ug/kg	1	11/12/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99			%	1	11/12/16	JLI	70 - 130 %	
% Bromofluorobenzene	101			%	1	11/12/16	JLI	70 - 130 %	
% Toluene-d8	99			%	1	11/12/16	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	12	0.59	ug/Kg	1	11/12/16	JLI	SW8260C	
Acrolein	ND	12	1.5	ug/Kg	1	11/12/16	JLI	SW8260C	
Acrylonitrile	ND	12	0.30	ug/Kg	1	11/12/16	JLI	SW8260C	
Tert-butyl alcohol	ND	59	12	ug/Kg	1	11/12/16	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	11/11/16	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/11/16	DD	SW8270D	
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	11/11/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	11/11/16	DD	SW8270D	
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	11/11/16	DD	SW8270D	
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	11/11/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	11/11/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND	180	120	ug/Kg	1	11/11/16	DD	SW8270D	
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	11/11/16	DD	SW8270D	
2,4-Dimethylphenol	ND	250	89	ug/Kg	1	11/11/16	DD	SW8270D	
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	11/11/16	DD	SW8270D	
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	11/11/16	DD	SW8270D	
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	11/11/16	DD	SW8270D	
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/11/16	DD	SW8270D	

Project ID: 260 W126TH ST., NY, NY
Client ID: SB2 6-12

Phoenix I.D.: BV81728

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Chlorophenol	ND		250	100	ug/Kg	1	11/11/16	DD	SW8270D	
2-Methylnaphthalene	ND		250	110	ug/Kg	1	11/11/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	1	11/11/16	DD	SW8270D	
2-Nitroaniline	ND		250	250	ug/Kg	1	11/11/16	DD	SW8270D	
2-Nitrophenol	ND		250	230	ug/Kg	1	11/11/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	1	11/11/16	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		180	170	ug/Kg	1	11/11/16	DD	SW8270D	
3-Nitroaniline	ND		360	720	ug/Kg	1	11/11/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		220	72	ug/Kg	1	11/11/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		250	110	ug/Kg	1	11/11/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND		250	130	ug/Kg	1	11/11/16	DD	SW8270D	
4-Chloroaniline	ND		290	170	ug/Kg	1	11/11/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	1	11/11/16	DD	SW8270D	
4-Nitroaniline	ND		360	120	ug/Kg	1	11/11/16	DD	SW8270D	
4-Nitrophenol	ND		360	160	ug/Kg	1	11/11/16	DD	SW8270D	
Acenaphthene	ND		250	110	ug/Kg	1	11/11/16	DD	SW8270D	
Acenaphthylene	ND		250	100	ug/Kg	1	11/11/16	DD	SW8270D	
Acetophenone	ND		250	110	ug/Kg	1	11/11/16	DD	SW8270D	
Aniline	ND		290	290	ug/Kg	1	11/11/16	DD	SW8270D	
Anthracene	ND		250	120	ug/Kg	1	11/11/16	DD	SW8270D	
Benz(a)anthracene	ND		250	120	ug/Kg	1	11/11/16	DD	SW8270D	
Benzidine	ND		360	210	ug/Kg	1	11/11/16	DD	SW8270D	
Benzo(a)pyrene	ND		180	120	ug/Kg	1	11/11/16	DD	SW8270D	
Benzo(b)fluoranthene	ND		250	120	ug/Kg	1	11/11/16	DD	SW8270D	
Benzo(ghi)perylene	ND		250	120	ug/Kg	1	11/11/16	DD	SW8270D	
Benzo(k)fluoranthene	ND		250	120	ug/Kg	1	11/11/16	DD	SW8270D	
Benzoic acid	ND		1800	720	ug/Kg	1	11/11/16	DD	SW8270D	1
Benzyl butyl phthalate	ND		250	93	ug/Kg	1	11/11/16	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		250	100	ug/Kg	1	11/11/16	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		180	97	ug/Kg	1	11/11/16	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		250	100	ug/Kg	1	11/11/16	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	160	J	250	100	ug/Kg	1	11/11/16	DD	SW8270D	
Carbazole	ND		180	140	ug/Kg	1	11/11/16	DD	SW8270D	
Chrysene	150	J	250	120	ug/Kg	1	11/11/16	DD	SW8270D	
Dibenz(a,h)anthracene	ND		180	120	ug/Kg	1	11/11/16	DD	SW8270D	
Dibenzofuran	ND		250	110	ug/Kg	1	11/11/16	DD	SW8270D	
Diethyl phthalate	ND		250	110	ug/Kg	1	11/11/16	DD	SW8270D	
Dimethylphthalate	ND		250	110	ug/Kg	1	11/11/16	DD	SW8270D	
Di-n-butylphthalate	ND		250	96	ug/Kg	1	11/11/16	DD	SW8270D	
Di-n-octylphthalate	ND		250	93	ug/Kg	1	11/11/16	DD	SW8270D	
Fluoranthene	220	J	250	120	ug/Kg	1	11/11/16	DD	SW8270D	
Fluorene	ND		250	120	ug/Kg	1	11/11/16	DD	SW8270D	
Hexachlorobenzene	ND		180	110	ug/Kg	1	11/11/16	DD	SW8270D	
Hexachlorobutadiene	ND		250	130	ug/Kg	1	11/11/16	DD	SW8270D	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	1	11/11/16	DD	SW8270D	
Hexachloroethane	ND		180	110	ug/Kg	1	11/11/16	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND		250	120	ug/Kg	1	11/11/16	DD	SW8270D	
Isophorone	ND		180	100	ug/Kg	1	11/11/16	DD	SW8270D	
Naphthalene	ND		250	100	ug/Kg	1	11/11/16	DD	SW8270D	

Project ID: 260 W126TH ST., NY, NY
Client ID: SB2 6-12

Phoenix I.D.: BV81728

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND		180	130	ug/Kg	1	11/11/16	DD	SW8270D
N-Nitrosodimethylamine	ND		250	100	ug/Kg	1	11/11/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND		180	120	ug/Kg	1	11/11/16	DD	SW8270D
N-Nitrosodiphenylamine	ND		250	140	ug/Kg	1	11/11/16	DD	SW8270D
Pentachloronitrobenzene	ND		250	130	ug/Kg	1	11/11/16	DD	SW8270D
Pentachlorophenol	ND		220	140	ug/Kg	1	11/11/16	DD	SW8270D
Phenanthrene	270		250	100	ug/Kg	1	11/11/16	DD	SW8270D
Phenol	ND		250	120	ug/Kg	1	11/11/16	DD	SW8270D
Pyrene	210	J	250	120	ug/Kg	1	11/11/16	DD	SW8270D
Pyridine	ND		250	89	ug/Kg	1	11/11/16	DD	SW8270D
QA/QC Surrogates									
% 2,4,6-Tribromophenol	70				%	1	11/11/16	DD	30 - 130 %
% 2-Fluorobiphenyl	62				%	1	11/11/16	DD	30 - 130 %
% 2-Fluorophenol	46				%	1	11/11/16	DD	30 - 130 %
% Nitrobenzene-d5	64				%	1	11/11/16	DD	30 - 130 %
% Phenol-d5	60				%	1	11/11/16	DD	30 - 130 %
% Terphenyl-d14	55				%	1	11/11/16	DD	30 - 130 %

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/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
November 28, 2016
Reviewed and Released by: Jon Carlson, Project Manager

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

Analysis Report

November 28, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/10/16	
Location Code:	EBC	Received by:	LB	11/11/16	15:41
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV81727
Phoenix ID: BV81729

Project ID: 260 W126TH ST., NY, NY
Client ID: SB3 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	ND		0.38	0.38	mg/Kg	1	11/12/16	LK	SW6010C	
Aluminum	9670		38	7.6	mg/Kg	10	11/12/16	LK	SW6010C	
Arsenic	7.95		0.76	0.76	mg/Kg	1	11/12/16	LK	SW6010C	
Barium	901		0.8	0.38	mg/Kg	1	11/12/16	LK	SW6010C	
Beryllium	0.51		0.30	0.15	mg/Kg	1	11/12/16	LK	SW6010C	
Calcium	27700		38	35	mg/Kg	10	11/12/16	LK	SW6010C	
Cadmium	2.27		0.38	0.38	mg/Kg	1	11/12/16	LK	SW6010C	
Cobalt	9.90		0.38	0.38	mg/Kg	1	11/12/16	LK	SW6010C	
Chromium	28.1		0.38	0.38	mg/Kg	1	11/12/16	LK	SW6010C	
Copper	67.4		0.38	0.38	mg/kg	1	11/12/16	LK	SW6010C	
Iron	28700		38	38	mg/Kg	10	11/12/16	LK	SW6010C	
Mercury	0.25		0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B	
Potassium	1430	N	8	3.0	mg/Kg	1	11/12/16	LK	SW6010C	
Magnesium	7590		38	38	mg/Kg	10	11/12/16	LK	SW6010C	
Manganese	296		3.8	3.8	mg/Kg	10	11/12/16	LK	SW6010C	
Sodium	832	N	8	3.3	mg/Kg	1	11/12/16	LK	SW6010C	
Nickel	36.1		0.38	0.38	mg/Kg	1	11/12/16	LK	SW6010C	
Lead	562		7.6	3.8	mg/Kg	10	11/12/16	LK	SW6010C	B
Antimony	ND		1.9	1.9	mg/Kg	1	11/12/16	LK	SW6010C	
Selenium	ND		1.5	1.3	mg/Kg	1	11/12/16	LK	SW6010C	
Thallium	ND		1.5	1.5	mg/Kg	1	11/12/16	LK	SW6010C	
Vanadium	72.3		0.38	0.38	mg/Kg	1	11/12/16	LK	SW6010C	
Zinc	685		7.6	3.8	mg/Kg	10	11/12/16	LK	SW6010C	
Percent Solid	89				%		11/11/16	W	SW846-%Solid	
Soil Extraction for PCB	Completed						11/11/16	NC/V	SW3545A	
Soil Extraction for Pest	Completed						11/11/16	NC/V	SW3545A	
Soil Extraction for SVOA	Completed						11/11/16	NJ/CKV	SW3545A	
Mercury Digestion	Completed						11/14/16	W/W	SW7471B	

Ver 2

Project ID: 260 W126TH ST., NY, NY
Client ID: SB3 0-2

Phoenix I.D.: BV81729

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/11/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1221	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1232	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1242	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1248	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1254	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1260	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1262	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1268	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
QA/QC Surrogates								
% DCBP	70			%	2	11/14/16	AW	40 - 140 %
% TCMX	67			%	2	11/14/16	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.2	2.2	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDE	22	2.2	2.2	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDT	25	2.2	2.2	ug/Kg	2	11/16/16	CE	SW8081B
a-BHC	ND	7.4	7.4	ug/Kg	2	11/16/16	CE	SW8081B
a-Chlordane	ND	3.7	3.7	ug/Kg	2	11/16/16	CE	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	11/16/16	CE	SW8081B
b-BHC	ND	7.4	7.4	ug/Kg	2	11/16/16	CE	SW8081B
Chlordane	ND	37	37	ug/Kg	2	11/16/16	CE	SW8081B
d-BHC	ND	7.4	7.4	ug/Kg	2	11/16/16	CE	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan I	ND	7.4	7.4	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan II	ND	7.4	7.4	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan sulfate	ND	7.4	7.4	ug/Kg	2	11/16/16	CE	SW8081B
Endrin	ND	7.4	7.4	ug/Kg	2	11/16/16	CE	SW8081B
Endrin aldehyde	ND	7.4	7.4	ug/Kg	2	11/16/16	CE	SW8081B
Endrin ketone	ND	7.4	7.4	ug/Kg	2	11/16/16	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	11/16/16	CE	SW8081B
g-Chlordane	ND	3.7	3.7	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor	ND	7.4	7.4	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor epoxide	ND	7.4	7.4	ug/Kg	2	11/16/16	CE	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	11/16/16	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	11/16/16	CE	SW8081B
QA/QC Surrogates								
% DCBP	74			%	2	11/16/16	CE	40 - 140 %
% TCMX	67			%	2	11/16/16	CE	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.4	0.89	ug/Kg	1	11/12/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.4	0.89	ug/Kg	1	11/12/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.4	0.89	ug/Kg	1	11/12/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.4	0.89	ug/Kg	1	11/12/16	JLI	SW8260C

Project ID: 260 W126TH ST., NY, NY
Client ID: SB3 0-2

Phoenix I.D.: BV81729

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloroethene	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
1,1-Dichloropropene	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		4.4	0.89	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		4.4	0.89	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	700		250	25	ug/Kg	50	11/14/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		4.4	0.89	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dibromoethane	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dichloroethane	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dichloropropane	ND		4.4	0.89	ug/Kg	1	11/12/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	7.8		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
1,3-Dichloropropane	ND		4.4	0.89	ug/Kg	1	11/12/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
2,2-Dichloropropane	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
2-Chlorotoluene	ND		4.4	0.89	ug/Kg	1	11/12/16	JLI	SW8260C	
2-Hexanone	ND		22	4.4	ug/Kg	1	11/12/16	JLI	SW8260C	
2-Isopropyltoluene	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	1
4-Chlorotoluene	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND		22	4.4	ug/Kg	1	11/12/16	JLI	SW8260C	
Acetone	6.7	JS	22	4.4	ug/Kg	1	11/12/16	JLI	SW8260C	
Acrylonitrile	ND		8.9	0.89	ug/Kg	1	11/12/16	JLI	SW8260C	
Benzene	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromobenzene	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromochloromethane	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromodichloromethane	ND		4.4	0.89	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromoform	ND		4.4	0.89	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromomethane	ND		4.4	1.8	ug/Kg	1	11/12/16	JLI	SW8260C	
Carbon Disulfide	ND		4.4	0.89	ug/Kg	1	11/12/16	JLI	SW8260C	
Carbon tetrachloride	ND		4.4	0.89	ug/Kg	1	11/12/16	JLI	SW8260C	
Chlorobenzene	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
Chloroethane	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
Chloroform	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
Chloromethane	ND		4.4	0.89	ug/Kg	1	11/12/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
Dibromochloromethane	ND		4.4	0.89	ug/Kg	1	11/12/16	JLI	SW8260C	
Dibromomethane	ND		4.4	0.89	ug/Kg	1	11/12/16	JLI	SW8260C	
Dichlorodifluoromethane	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
Ethylbenzene	56	J	250	25	ug/Kg	50	11/14/16	JLI	SW8260C	
Hexachlorobutadiene	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
Isopropylbenzene	37	J	250	25	ug/Kg	50	11/14/16	JLI	SW8260C	
m&p-Xylene	230	J	250	50	ug/Kg	50	11/14/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND		27	4.4	ug/Kg	1	11/12/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		8.9	0.89	ug/Kg	1	11/12/16	JLI	SW8260C	
Methylene chloride	ND		4.4	4.4	ug/Kg	1	11/12/16	JLI	SW8260C	
Naphthalene	260		250	50	ug/Kg	50	11/14/16	JLI	SW8260C	
n-Butylbenzene	130	J	250	25	ug/Kg	50	11/14/16	JLI	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	100	J	250	50	ug/Kg	50	11/14/16	JLI	SW8260C	
o-Xylene	8.6		4.4	0.89	ug/Kg	1	11/12/16	JLI	SW8260C	
p-Isopropyltoluene	61	J	250	25	ug/Kg	50	11/14/16	JLI	SW8260C	
sec-Butylbenzene	94	J	250	25	ug/Kg	50	11/14/16	JLI	SW8260C	
Styrene	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
tert-Butylbenzene	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
Tetrachloroethene	ND		4.4	0.89	ug/Kg	1	11/12/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		8.9	2.2	ug/Kg	1	11/12/16	JLI	SW8260C	1
Toluene	27	J	250	25	ug/Kg	50	11/14/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		8.9	2.2	ug/Kg	1	11/12/16	JLI	SW8260C	
Trichloroethene	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
Trichlorofluoromethane	ND		4.4	0.89	ug/Kg	1	11/12/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
Vinyl chloride	ND		4.4	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	11/12/16	JLI	70 - 130 %	
% Bromofluorobenzene	101				%	1	11/12/16	JLI	70 - 130 %	
% Dibromofluoromethane	98				%	1	11/12/16	JLI	70 - 130 %	
% Toluene-d8	100				%	1	11/12/16	JLI	70 - 130 %	
1,4-dioxane										
1,4-dioxane	ND		67	36	ug/kg	1	11/12/16	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	11/12/16	JLI	70 - 130 %	
% Bromofluorobenzene	101				%	1	11/12/16	JLI	70 - 130 %	
% Toluene-d8	100				%	1	11/12/16	JLI	70 - 130 %	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		18	0.89	ug/Kg	1	11/12/16	JLI	SW8260C	
Acrolein	ND		18	2.2	ug/Kg	1	11/12/16	JLI	SW8260C	
Acrylonitrile	ND		18	0.44	ug/Kg	1	11/12/16	JLI	SW8260C	
Tert-butyl alcohol	ND		89	18	ug/Kg	1	11/12/16	JLI	SW8260C	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	1	11/12/16	DD	SW8270D	
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	1	11/12/16	DD	SW8270D	
1,2-Dichlorobenzene	ND		260	100	ug/Kg	1	11/12/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	1	11/12/16	DD	SW8270D	
1,3-Dichlorobenzene	ND		260	110	ug/Kg	1	11/12/16	DD	SW8270D	
1,4-Dichlorobenzene	ND		260	110	ug/Kg	1	11/12/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	1	11/12/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND		190	120	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dichlorophenol	ND		190	130	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dimethylphenol	ND		260	92	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dinitrophenol	ND		260	260	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dinitrotoluene	ND		190	150	ug/Kg	1	11/12/16	DD	SW8270D	
2,6-Dinitrotoluene	ND		190	120	ug/Kg	1	11/12/16	DD	SW8270D	
2-Chloronaphthalene	ND		260	110	ug/Kg	1	11/12/16	DD	SW8270D	

Project ID: 260 W126TH ST., NY, NY
Client ID: SB3 0-2

Phoenix I.D.: BV81729

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Chlorophenol	ND		260	110	ug/Kg	1	11/12/16	DD	SW8270D	
2-Methylnaphthalene	390		260	110	ug/Kg	1	11/12/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		260	170	ug/Kg	1	11/12/16	DD	SW8270D	
2-Nitroaniline	ND		260	260	ug/Kg	1	11/12/16	DD	SW8270D	
2-Nitrophenol	ND		260	240	ug/Kg	1	11/12/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		260	150	ug/Kg	1	11/12/16	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		190	180	ug/Kg	1	11/12/16	DD	SW8270D	
3-Nitroaniline	ND		370	740	ug/Kg	1	11/12/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		220	74	ug/Kg	1	11/12/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chloroaniline	ND		300	170	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		260	120	ug/Kg	1	11/12/16	DD	SW8270D	
4-Nitroaniline	ND		370	120	ug/Kg	1	11/12/16	DD	SW8270D	
4-Nitrophenol	ND		370	170	ug/Kg	1	11/12/16	DD	SW8270D	
Acenaphthene	110	J	260	110	ug/Kg	1	11/12/16	DD	SW8270D	
Acenaphthylene	ND		260	100	ug/Kg	1	11/12/16	DD	SW8270D	
Acetophenone	ND		260	120	ug/Kg	1	11/12/16	DD	SW8270D	
Aniline	ND		300	300	ug/Kg	1	11/12/16	DD	SW8270D	
Anthracene	210	J	260	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benz(a)anthracene	670		260	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benzidine	ND		370	220	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(a)pyrene	680		190	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(b)fluoranthene	690		260	130	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(ghi)perylene	420		260	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(k)fluoranthene	650		260	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benzoic acid	ND		1900	740	ug/Kg	1	11/12/16	DD	SW8270D	1
Benzyl butyl phthalate	ND		260	96	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		190	100	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		260	100	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	130	J	260	110	ug/Kg	1	11/12/16	DD	SW8270D	
Carbazole	ND		190	150	ug/Kg	1	11/12/16	DD	SW8270D	
Chrysene	830		260	120	ug/Kg	1	11/12/16	DD	SW8270D	
Dibenz(a,h)anthracene	ND		190	120	ug/Kg	1	11/12/16	DD	SW8270D	
Dibenzofuran	ND		260	110	ug/Kg	1	11/12/16	DD	SW8270D	
Diethyl phthalate	ND		260	120	ug/Kg	1	11/12/16	DD	SW8270D	
Dimethylphthalate	ND		260	120	ug/Kg	1	11/12/16	DD	SW8270D	
Di-n-butylphthalate	ND		260	99	ug/Kg	1	11/12/16	DD	SW8270D	
Di-n-octylphthalate	ND		260	96	ug/Kg	1	11/12/16	DD	SW8270D	
Fluoranthene	1500		260	120	ug/Kg	1	11/12/16	DD	SW8270D	
Fluorene	ND		260	120	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorobenzene	ND		190	110	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorobutadiene	ND		260	130	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachloroethane	ND		190	110	ug/Kg	1	11/12/16	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	490		260	120	ug/Kg	1	11/12/16	DD	SW8270D	
Isophorone	ND		190	100	ug/Kg	1	11/12/16	DD	SW8270D	
Naphthalene	ND		260	110	ug/Kg	1	11/12/16	DD	SW8270D	

Project ID: 260 W126TH ST., NY, NY
Client ID: SB3 0-2

Phoenix I.D.: BV81729

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	190	130	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND	260	100	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND	220	140	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	1100	260	110	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND	260	120	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	1300	260	130	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND	260	91	ug/Kg	1	11/12/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	77			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	70			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	55			%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	76			%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	69			%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	69			%	1	11/12/16	DD	30 - 130 %

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/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
November 28, 2016
Reviewed and Released by: Jon Carlson, Project Manager

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

Analysis Report

November 28, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/10/16	
Location Code:	EBC	Received by:	LB	11/11/16	15:41
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV81727
Phoenix ID: BV81730

Project ID: 260 W126TH ST., NY, NY
Client ID: SB3 10-12

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	ND		0.36	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Aluminum	7060		33	6.7	mg/Kg	10	11/12/16	LK	SW6010C	
Arsenic	1.78		0.71	0.71	mg/Kg	1	11/12/16	LK	SW6010C	
Barium	154		0.7	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Beryllium	0.36		0.28	0.14	mg/Kg	1	11/12/16	LK	SW6010C	
Calcium	6860		3.6	3.3	mg/Kg	1	11/12/16	LK	SW6010C	
Cadmium	ND		0.36	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Cobalt	9.46		0.36	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Chromium	16.1		0.36	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Copper	26.1		0.36	0.36	mg/kg	1	11/12/16	LK	SW6010C	
Iron	12400		33	33	mg/Kg	10	11/12/16	LK	SW6010C	
Mercury	0.04		0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B	
Potassium	1110	N	7	2.8	mg/Kg	1	11/12/16	LK	SW6010C	
Magnesium	4460		33	33	mg/Kg	10	11/12/16	LK	SW6010C	
Manganese	357		3.3	3.3	mg/Kg	10	11/12/16	LK	SW6010C	
Sodium	591	N	7	3.1	mg/Kg	1	11/12/16	LK	SW6010C	
Nickel	34.6		0.36	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Lead	134		0.7	0.36	mg/Kg	1	11/12/16	LK	SW6010C	B
Antimony	ND		1.8	1.8	mg/Kg	1	11/12/16	LK	SW6010C	
Selenium	ND		1.4	1.2	mg/Kg	1	11/12/16	LK	SW6010C	
Thallium	ND		1.4	1.4	mg/Kg	1	11/12/16	LK	SW6010C	
Vanadium	22.9		0.36	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Zinc	81.5		0.7	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Percent Solid	95				%		11/11/16	W	SW846-%Solid	
Soil Extraction for PCB	Completed						11/11/16	NC/V	SW3545A	
Soil Extraction for Pest	Completed						11/11/16	NC/V	SW3545A	
Soil Extraction for SVOA	Completed						11/11/16	NJ/CKV	SW3545A	
Mercury Digestion	Completed						11/14/16	W/W	SW7471B	

Ver 2

Project ID: 260 W126TH ST., NY, NY
Client ID: SB3 10-12

Phoenix I.D.: BV81730

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/11/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	70	70	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1221	ND	70	70	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1232	ND	70	70	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1242	ND	70	70	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1248	ND	70	70	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1254	ND	70	70	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1260	ND	70	70	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1262	ND	70	70	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1268	ND	70	70	ug/Kg	2	11/14/16	AW	SW8082A
QA/QC Surrogates								
% DCBP	66			%	2	11/14/16	AW	40 - 140 %
% TCMX	63			%	2	11/14/16	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.1	2.1	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDE	ND	2.1	2.1	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDT	ND	2.1	2.1	ug/Kg	2	11/16/16	CE	SW8081B
a-BHC	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
a-Chlordane	ND	3.5	3.5	ug/Kg	2	11/16/16	CE	SW8081B
Aldrin	ND	3.5	3.5	ug/Kg	2	11/16/16	CE	SW8081B
b-BHC	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Chlordane	ND	35	35	ug/Kg	2	11/16/16	CE	SW8081B
d-BHC	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Dieldrin	ND	3.5	3.5	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan I	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan II	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan sulfate	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Endrin	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Endrin aldehyde	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Endrin ketone	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	11/16/16	CE	SW8081B
g-Chlordane	ND	3.5	3.5	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor epoxide	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Methoxychlor	ND	35	35	ug/Kg	2	11/16/16	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	11/16/16	CE	SW8081B
QA/QC Surrogates								
% DCBP	60			%	2	11/16/16	CE	40 - 140 %
% TCMX	57			%	2	11/16/16	CE	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	2.8	0.56	ug/Kg	1	11/12/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.8	0.56	ug/Kg	1	11/12/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	2.8	0.56	ug/Kg	1	11/12/16	JLI	SW8260C
1,1-Dichloroethane	ND	2.8	0.56	ug/Kg	1	11/12/16	JLI	SW8260C

Project ID: 260 W126TH ST., NY, NY
Client ID: SB3 10-12

Phoenix I.D.: BV81730

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloroethene	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
1,1-Dichloropropene	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		2.8	0.56	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		2.8	0.56	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		2.8	0.56	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dibromoethane	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dichloroethane	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dichloropropane	ND		2.8	0.56	ug/Kg	1	11/12/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
1,3-Dichloropropane	ND		2.8	0.56	ug/Kg	1	11/12/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
2,2-Dichloropropane	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
2-Chlorotoluene	ND		2.8	0.56	ug/Kg	1	11/12/16	JLI	SW8260C	
2-Hexanone	ND		14	2.8	ug/Kg	1	11/12/16	JLI	SW8260C	
2-Isopropyltoluene	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	1
4-Chlorotoluene	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND		14	2.8	ug/Kg	1	11/12/16	JLI	SW8260C	
Acetone	6.8	JS	14	2.8	ug/Kg	1	11/12/16	JLI	SW8260C	
Acrylonitrile	ND		5.6	0.56	ug/Kg	1	11/12/16	JLI	SW8260C	
Benzene	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromobenzene	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromochloromethane	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromodichloromethane	ND		2.8	0.56	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromoform	ND		2.8	0.56	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromomethane	ND		2.8	1.1	ug/Kg	1	11/12/16	JLI	SW8260C	
Carbon Disulfide	ND		2.8	0.56	ug/Kg	1	11/12/16	JLI	SW8260C	
Carbon tetrachloride	ND		2.8	0.56	ug/Kg	1	11/12/16	JLI	SW8260C	
Chlorobenzene	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
Chloroethane	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
Chloroform	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
Chloromethane	ND		2.8	0.56	ug/Kg	1	11/12/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
Dibromochloromethane	ND		2.8	0.56	ug/Kg	1	11/12/16	JLI	SW8260C	
Dibromomethane	ND		2.8	0.56	ug/Kg	1	11/12/16	JLI	SW8260C	
Dichlorodifluoromethane	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
Ethylbenzene	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
Hexachlorobutadiene	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
Isopropylbenzene	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
m&p-Xylene	ND		2.8	0.56	ug/Kg	1	11/12/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND		17	2.8	ug/Kg	1	11/12/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		5.6	0.56	ug/Kg	1	11/12/16	JLI	SW8260C	
Methylene chloride	ND		2.8	2.8	ug/Kg	1	11/12/16	JLI	SW8260C	
Naphthalene	0.62	J	2.8	0.56	ug/Kg	1	11/12/16	JLI	SW8260C	
n-Butylbenzene	ND		2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	ND	2.8	0.56	ug/Kg	1	11/12/16	JLI	SW8260C	
o-Xylene	ND	2.8	0.56	ug/Kg	1	11/12/16	JLI	SW8260C	
p-Isopropyltoluene	ND	2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
sec-Butylbenzene	ND	2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
Styrene	ND	2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
tert-Butylbenzene	ND	2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
Tetrachloroethene	ND	2.8	0.56	ug/Kg	1	11/12/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	5.6	1.4	ug/Kg	1	11/12/16	JLI	SW8260C	1
Toluene	ND	2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.6	1.4	ug/Kg	1	11/12/16	JLI	SW8260C	
Trichloroethene	ND	2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
Trichlorofluoromethane	ND	2.8	0.56	ug/Kg	1	11/12/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
Vinyl chloride	ND	2.8	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	11/12/16	JLI	70 - 130 %	
% Bromofluorobenzene	100			%	1	11/12/16	JLI	70 - 130 %	
% Dibromofluoromethane	98			%	1	11/12/16	JLI	70 - 130 %	
% Toluene-d8	100			%	1	11/12/16	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	42	22	ug/kg	1	11/12/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	11/12/16	JLI	70 - 130 %	
% Bromofluorobenzene	100			%	1	11/12/16	JLI	70 - 130 %	
% Toluene-d8	100			%	1	11/12/16	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	11	0.56	ug/Kg	1	11/12/16	JLI	SW8260C	
Acrolein	ND	11	1.4	ug/Kg	1	11/12/16	JLI	SW8260C	
Acrylonitrile	ND	11	0.28	ug/Kg	1	11/12/16	JLI	SW8260C	
Tert-butyl alcohol	ND	56	11	ug/Kg	1	11/12/16	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	11/12/16	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	1	11/12/16	DD	SW8270D	
1,2-Dichlorobenzene	ND	240	97	ug/Kg	1	11/12/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
1,3-Dichlorobenzene	ND	240	100	ug/Kg	1	11/12/16	DD	SW8270D	
1,4-Dichlorobenzene	ND	240	100	ug/Kg	1	11/12/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	1	11/12/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND	170	110	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dichlorophenol	ND	170	120	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dimethylphenol	ND	240	85	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dinitrophenol	ND	240	240	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	140	ug/Kg	1	11/12/16	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	110	ug/Kg	1	11/12/16	DD	SW8270D	
2-Chloronaphthalene	ND	240	97	ug/Kg	1	11/12/16	DD	SW8270D	

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Phoenix I.D.: BV81730

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Chlorophenol	ND	240	97	ug/Kg	1	11/12/16	DD	SW8270D	
2-Methylnaphthalene	ND	240	100	ug/Kg	1	11/12/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	1	11/12/16	DD	SW8270D	
2-Nitroaniline	ND	240	240	ug/Kg	1	11/12/16	DD	SW8270D	
2-Nitrophenol	ND	240	220	ug/Kg	1	11/12/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	240	140	ug/Kg	1	11/12/16	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	170	160	ug/Kg	1	11/12/16	DD	SW8270D	
3-Nitroaniline	ND	340	690	ug/Kg	1	11/12/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	210	69	ug/Kg	1	11/12/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	240	100	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND	240	120	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chloroaniline	ND	270	160	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	240	120	ug/Kg	1	11/12/16	DD	SW8270D	
4-Nitroaniline	ND	340	110	ug/Kg	1	11/12/16	DD	SW8270D	
4-Nitrophenol	ND	340	150	ug/Kg	1	11/12/16	DD	SW8270D	
Acenaphthene	ND	240	100	ug/Kg	1	11/12/16	DD	SW8270D	
Acenaphthylene	ND	240	96	ug/Kg	1	11/12/16	DD	SW8270D	
Acetophenone	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Aniline	ND	270	270	ug/Kg	1	11/12/16	DD	SW8270D	
Anthracene	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Benz(a)anthracene	ND	240	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benzidine	ND	340	200	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(a)pyrene	ND	170	110	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(b)fluoranthene	ND	240	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(ghi)perylene	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(k)fluoranthene	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Benzoic acid	ND	1700	690	ug/Kg	1	11/12/16	DD	SW8270D	1
Benzyl butyl phthalate	ND	240	88	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	240	95	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	170	93	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	240	95	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	240	99	ug/Kg	1	11/12/16	DD	SW8270D	
Carbazole	ND	170	140	ug/Kg	1	11/12/16	DD	SW8270D	
Chrysene	ND	240	120	ug/Kg	1	11/12/16	DD	SW8270D	
Dibenz(a,h)anthracene	ND	170	110	ug/Kg	1	11/12/16	DD	SW8270D	
Dibenzofuran	ND	240	100	ug/Kg	1	11/12/16	DD	SW8270D	
Diethyl phthalate	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Dimethylphthalate	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Di-n-butylphthalate	ND	240	91	ug/Kg	1	11/12/16	DD	SW8270D	
Di-n-octylphthalate	ND	240	88	ug/Kg	1	11/12/16	DD	SW8270D	
Fluoranthene	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Fluorene	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorobenzene	ND	170	100	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorobutadiene	ND	240	120	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorocyclopentadiene	ND	240	100	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachloroethane	ND	170	100	ug/Kg	1	11/12/16	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Isophorone	ND	170	96	ug/Kg	1	11/12/16	DD	SW8270D	
Naphthalene	ND	240	99	ug/Kg	1	11/12/16	DD	SW8270D	

Project ID: 260 W126TH ST., NY, NY
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Phoenix I.D.: BV81730

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	170	120	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND	240	97	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	170	110	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND	240	130	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND	210	130	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	ND	240	98	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	ND	240	120	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND	240	84	ug/Kg	1	11/12/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	88			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	74			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	51			%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	74			%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	67			%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	69			%	1	11/12/16	DD	30 - 130 %

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/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
November 28, 2016
Reviewed and Released by: Jon Carlson, Project Manager

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

Analysis Report

November 28, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/10/16	
Location Code:	EBC	Received by:	LB	11/11/16	15:41
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV81727
Phoenix ID: BV81731

Project ID: 260 W126TH ST., NY, NY
Client ID: SB4 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	ND		0.34	0.34	mg/Kg	1	11/12/16	LK	SW6010C	
Aluminum	5520		34	6.9	mg/Kg	10	11/12/16	LK	SW6010C	
Arsenic	6.67		0.69	0.69	mg/Kg	1	11/12/16	LK	SW6010C	
Barium	993		0.7	0.34	mg/Kg	1	11/12/16	LK	SW6010C	
Beryllium	0.34		0.27	0.14	mg/Kg	1	11/12/16	LK	SW6010C	
Calcium	46800		34	32	mg/Kg	10	11/12/16	LK	SW6010C	
Cadmium	1.10		0.34	0.34	mg/Kg	1	11/12/16	LK	SW6010C	
Cobalt	6.51		0.34	0.34	mg/Kg	1	11/12/16	LK	SW6010C	
Chromium	44.1		0.34	0.34	mg/Kg	1	11/12/16	LK	SW6010C	
Copper	36.2		0.34	0.34	mg/kg	1	11/12/16	LK	SW6010C	
Iron	13700		34	34	mg/Kg	10	11/12/16	LK	SW6010C	
Mercury	0.25		0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B	
Potassium	1210	N	7	2.7	mg/Kg	1	11/12/16	LK	SW6010C	
Magnesium	4490		3.4	3.4	mg/Kg	1	11/12/16	LK	SW6010C	
Manganese	268		3.4	3.4	mg/Kg	10	11/12/16	LK	SW6010C	
Sodium	403	N	7	2.9	mg/Kg	1	11/12/16	LK	SW6010C	
Nickel	228		3.4	3.4	mg/Kg	10	11/12/16	LK	SW6010C	
Lead	642		6.9	3.4	mg/Kg	10	11/12/16	LK	SW6010C	B
Antimony	ND		1.7	1.7	mg/Kg	1	11/12/16	LK	SW6010C	
Selenium	ND		1.4	1.2	mg/Kg	1	11/12/16	LK	SW6010C	
Thallium	ND		1.4	1.4	mg/Kg	1	11/12/16	LK	SW6010C	
Vanadium	36.0		0.34	0.34	mg/Kg	1	11/12/16	LK	SW6010C	
Zinc	664		6.9	3.4	mg/Kg	10	11/12/16	LK	SW6010C	
Percent Solid	89				%		11/11/16	W	SW846-%Solid	
Soil Extraction for PCB	Completed						11/11/16	NC/V	SW3545A	
Soil Extraction for Pest	Completed						11/11/16	NC/V	SW3545A	
Soil Extraction for SVOA	Completed						11/11/16	NJ/CKV	SW3545A	
Mercury Digestion	Completed						11/14/16	W/W	SW7471B	

Ver 2

Project ID: 260 W126TH ST., NY, NY
Client ID: SB4 0-2

Phoenix I.D.: BV81731

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/11/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1221	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1232	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1242	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1248	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1254	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1260	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1262	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1268	ND	74	74	ug/Kg	2	11/14/16	AW	SW8082A
QA/QC Surrogates								
% DCBP	69			%	2	11/14/16	AW	40 - 140 %
% TCMX	71			%	2	11/14/16	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.2	2.2	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	11/16/16	CE	SW8081B
a-BHC	ND	7.4	7.4	ug/Kg	2	11/16/16	CE	SW8081B
a-Chlordane	ND	3.7	3.7	ug/Kg	2	11/16/16	CE	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	11/16/16	CE	SW8081B
b-BHC	ND	7.4	7.4	ug/Kg	2	11/16/16	CE	SW8081B
Chlordane	ND	37	37	ug/Kg	2	11/16/16	CE	SW8081B
d-BHC	ND	7.4	7.4	ug/Kg	2	11/16/16	CE	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan I	ND	7.4	7.4	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan II	ND	7.4	7.4	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan sulfate	ND	7.4	7.4	ug/Kg	2	11/16/16	CE	SW8081B
Endrin	ND	7.4	7.4	ug/Kg	2	11/16/16	CE	SW8081B
Endrin aldehyde	ND	7.4	7.4	ug/Kg	2	11/16/16	CE	SW8081B
Endrin ketone	ND	7.4	7.4	ug/Kg	2	11/16/16	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	11/16/16	CE	SW8081B
g-Chlordane	ND	3.7	3.7	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor	ND	7.4	7.4	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor epoxide	ND	7.4	7.4	ug/Kg	2	11/16/16	CE	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	11/16/16	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	11/16/16	CE	SW8081B
QA/QC Surrogates								
% DCBP	88			%	2	11/16/16	CE	40 - 140 %
% TCMX	55			%	2	11/16/16	CE	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	2.9	0.57	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.9	0.57	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	2.9	0.57	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloroethane	ND	2.9	0.57	ug/Kg	1	11/13/16	JLI	SW8260C

Project ID: 260 W126TH ST., NY, NY
Client ID: SB4 0-2

Phoenix I.D.: BV81731

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloroethene	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
1,1-Dichloropropene	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		2.9	0.57	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		2.9	0.57	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		2.9	0.57	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2-Dibromoethane	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2-Dichloroethane	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2-Dichloropropane	ND		2.9	0.57	ug/Kg	1	11/13/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
1,3-Dichloropropane	ND		2.9	0.57	ug/Kg	1	11/13/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
2,2-Dichloropropane	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
2-Chlorotoluene	ND		2.9	0.57	ug/Kg	1	11/13/16	JLI	SW8260C	
2-Hexanone	ND		14	2.9	ug/Kg	1	11/13/16	JLI	SW8260C	
2-Isopropyltoluene	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	1
4-Chlorotoluene	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND		14	2.9	ug/Kg	1	11/13/16	JLI	SW8260C	
Acetone	3.1	JS	14	2.9	ug/Kg	1	11/13/16	JLI	SW8260C	
Acrylonitrile	ND		5.7	0.57	ug/Kg	1	11/13/16	JLI	SW8260C	
Benzene	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
Bromobenzene	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
Bromochloromethane	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
Bromodichloromethane	ND		2.9	0.57	ug/Kg	1	11/13/16	JLI	SW8260C	
Bromoform	ND		2.9	0.57	ug/Kg	1	11/13/16	JLI	SW8260C	
Bromomethane	ND		2.9	1.1	ug/Kg	1	11/13/16	JLI	SW8260C	
Carbon Disulfide	ND		2.9	0.57	ug/Kg	1	11/13/16	JLI	SW8260C	
Carbon tetrachloride	ND		2.9	0.57	ug/Kg	1	11/13/16	JLI	SW8260C	
Chlorobenzene	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
Chloroethane	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
Chloroform	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
Chloromethane	ND		2.9	0.57	ug/Kg	1	11/13/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
Dibromochloromethane	ND		2.9	0.57	ug/Kg	1	11/13/16	JLI	SW8260C	
Dibromomethane	ND		2.9	0.57	ug/Kg	1	11/13/16	JLI	SW8260C	
Dichlorodifluoromethane	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
Ethylbenzene	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
Hexachlorobutadiene	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
Isopropylbenzene	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
m&p-Xylene	ND		2.9	0.57	ug/Kg	1	11/13/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND		17	2.9	ug/Kg	1	11/13/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		5.7	0.57	ug/Kg	1	11/13/16	JLI	SW8260C	
Methylene chloride	ND		2.9	2.9	ug/Kg	1	11/13/16	JLI	SW8260C	
Naphthalene	ND		2.9	0.57	ug/Kg	1	11/13/16	JLI	SW8260C	
n-Butylbenzene	ND		2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	ND	2.9	0.57	ug/Kg	1	11/13/16	JLI	SW8260C	
o-Xylene	ND	2.9	0.57	ug/Kg	1	11/13/16	JLI	SW8260C	
p-Isopropyltoluene	ND	2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
sec-Butylbenzene	ND	2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
Styrene	ND	2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
tert-Butylbenzene	ND	2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
Tetrachloroethene	ND	2.9	0.57	ug/Kg	1	11/13/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	5.7	1.4	ug/Kg	1	11/13/16	JLI	SW8260C	1
Toluene	ND	2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.7	1.4	ug/Kg	1	11/13/16	JLI	SW8260C	
Trichloroethene	ND	2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
Trichlorofluoromethane	ND	2.9	0.57	ug/Kg	1	11/13/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
Vinyl chloride	ND	2.9	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	102			%	1	11/13/16	JLI	70 - 130 %	
% Bromofluorobenzene	95			%	1	11/13/16	JLI	70 - 130 %	
% Dibromofluoromethane	96			%	1	11/13/16	JLI	70 - 130 %	
% Toluene-d8	100			%	1	11/13/16	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	43	23	ug/kg	1	11/13/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	102			%	1	11/13/16	JLI	70 - 130 %	
% Bromofluorobenzene	95			%	1	11/13/16	JLI	70 - 130 %	
% Toluene-d8	100			%	1	11/13/16	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	11	0.57	ug/Kg	1	11/13/16	JLI	SW8260C	
Acrolein	ND	11	1.4	ug/Kg	1	11/13/16	JLI	SW8260C	
Acrylonitrile	ND	11	0.29	ug/Kg	1	11/13/16	JLI	SW8260C	
Tert-butyl alcohol	ND	57	11	ug/Kg	1	11/13/16	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	11/11/16	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/11/16	DD	SW8270D	
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	11/11/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	11/11/16	DD	SW8270D	
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	11/11/16	DD	SW8270D	
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	11/11/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	11/11/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND	180	120	ug/Kg	1	11/11/16	DD	SW8270D	
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	11/11/16	DD	SW8270D	
2,4-Dimethylphenol	ND	250	90	ug/Kg	1	11/11/16	DD	SW8270D	
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	11/11/16	DD	SW8270D	
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	11/11/16	DD	SW8270D	
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	11/11/16	DD	SW8270D	
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/11/16	DD	SW8270D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Chlorophenol	ND		250	100	ug/Kg	1	11/11/16	DD	SW8270D	
2-Methylnaphthalene	ND		250	110	ug/Kg	1	11/11/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	1	11/11/16	DD	SW8270D	
2-Nitroaniline	ND		250	250	ug/Kg	1	11/11/16	DD	SW8270D	
2-Nitrophenol	ND		250	230	ug/Kg	1	11/11/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	1	11/11/16	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		180	170	ug/Kg	1	11/11/16	DD	SW8270D	
3-Nitroaniline	ND		360	720	ug/Kg	1	11/11/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		220	72	ug/Kg	1	11/11/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		250	110	ug/Kg	1	11/11/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND		250	130	ug/Kg	1	11/11/16	DD	SW8270D	
4-Chloroaniline	ND		290	170	ug/Kg	1	11/11/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	1	11/11/16	DD	SW8270D	
4-Nitroaniline	ND		360	120	ug/Kg	1	11/11/16	DD	SW8270D	
4-Nitrophenol	ND		360	160	ug/Kg	1	11/11/16	DD	SW8270D	
Acenaphthene	ND		250	110	ug/Kg	1	11/11/16	DD	SW8270D	
Acenaphthylene	ND		250	100	ug/Kg	1	11/11/16	DD	SW8270D	
Acetophenone	ND		250	110	ug/Kg	1	11/11/16	DD	SW8270D	
Aniline	ND		290	290	ug/Kg	1	11/11/16	DD	SW8270D	
Anthracene	ND		250	120	ug/Kg	1	11/11/16	DD	SW8270D	
Benz(a)anthracene	280		250	120	ug/Kg	1	11/11/16	DD	SW8270D	
Benzidine	ND		360	210	ug/Kg	1	11/11/16	DD	SW8270D	
Benzo(a)pyrene	300		180	120	ug/Kg	1	11/11/16	DD	SW8270D	
Benzo(b)fluoranthene	250	J	250	120	ug/Kg	1	11/11/16	DD	SW8270D	
Benzo(ghi)perylene	160	J	250	120	ug/Kg	1	11/11/16	DD	SW8270D	
Benzo(k)fluoranthene	270		250	120	ug/Kg	1	11/11/16	DD	SW8270D	
Benzoic acid	ND		1800	720	ug/Kg	1	11/11/16	DD	SW8270D	1
Benzyl butyl phthalate	ND		250	94	ug/Kg	1	11/11/16	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		250	100	ug/Kg	1	11/11/16	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		180	98	ug/Kg	1	11/11/16	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		250	100	ug/Kg	1	11/11/16	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		250	100	ug/Kg	1	11/11/16	DD	SW8270D	
Carbazole	ND		180	140	ug/Kg	1	11/11/16	DD	SW8270D	
Chrysene	310		250	120	ug/Kg	1	11/11/16	DD	SW8270D	
Dibenz(a,h)anthracene	ND		180	120	ug/Kg	1	11/11/16	DD	SW8270D	
Dibenzofuran	ND		250	110	ug/Kg	1	11/11/16	DD	SW8270D	
Diethyl phthalate	ND		250	110	ug/Kg	1	11/11/16	DD	SW8270D	
Dimethylphthalate	ND		250	110	ug/Kg	1	11/11/16	DD	SW8270D	
Di-n-butylphthalate	ND		250	96	ug/Kg	1	11/11/16	DD	SW8270D	
Di-n-octylphthalate	ND		250	94	ug/Kg	1	11/11/16	DD	SW8270D	
Fluoranthene	410		250	120	ug/Kg	1	11/11/16	DD	SW8270D	
Fluorene	ND		250	120	ug/Kg	1	11/11/16	DD	SW8270D	
Hexachlorobenzene	ND		180	110	ug/Kg	1	11/11/16	DD	SW8270D	
Hexachlorobutadiene	ND		250	130	ug/Kg	1	11/11/16	DD	SW8270D	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	1	11/11/16	DD	SW8270D	
Hexachloroethane	ND		180	110	ug/Kg	1	11/11/16	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	180	J	250	120	ug/Kg	1	11/11/16	DD	SW8270D	
Isophorone	ND		180	100	ug/Kg	1	11/11/16	DD	SW8270D	
Naphthalene	ND		250	100	ug/Kg	1	11/11/16	DD	SW8270D	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	180	130	ug/Kg	1	11/11/16	DD	SW8270D
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	11/11/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	11/11/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	11/11/16	DD	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	11/11/16	DD	SW8270D
Pentachlorophenol	ND	220	140	ug/Kg	1	11/11/16	DD	SW8270D
Phenanthrene	380	250	100	ug/Kg	1	11/11/16	DD	SW8270D
Phenol	ND	250	120	ug/Kg	1	11/11/16	DD	SW8270D
Pyrene	400	250	120	ug/Kg	1	11/11/16	DD	SW8270D
Pyridine	ND	250	89	ug/Kg	1	11/11/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	78			%	1	11/11/16	DD	30 - 130 %
% 2-Fluorobiphenyl	67			%	1	11/11/16	DD	30 - 130 %
% 2-Fluorophenol	50			%	1	11/11/16	DD	30 - 130 %
% Nitrobenzene-d5	71			%	1	11/11/16	DD	30 - 130 %
% Phenol-d5	64			%	1	11/11/16	DD	30 - 130 %
% Terphenyl-d14	58			%	1	11/11/16	DD	30 - 130 %

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/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

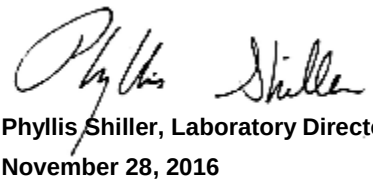
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



Phyllis Shiller, Laboratory Director
November 28, 2016
Reviewed and Released by: Jon Carlson, Project Manager

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

Analysis Report

November 28, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/10/16	
Location Code:	EBC	Received by:	LB	11/11/16	15:41
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV81727
Phoenix ID: BV81732

Project ID: 260 W126TH ST., NY, NY
Client ID: SB4 10-12

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	ND		0.36	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Aluminum	9110		36	7.2	mg/Kg	10	11/12/16	LK	SW6010C	
Arsenic	5.65		0.72	0.72	mg/Kg	1	11/12/16	LK	SW6010C	
Barium	394		0.7	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Beryllium	0.33		0.29	0.14	mg/Kg	1	11/12/16	LK	SW6010C	
Calcium	25900		36	33	mg/Kg	10	11/12/16	LK	SW6010C	
Cadmium	0.65		0.36	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Cobalt	8.82		0.36	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Chromium	30.2		0.36	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Copper	45.1		0.36	0.36	mg/kg	1	11/12/16	LK	SW6010C	
Iron	14700		36	36	mg/Kg	10	11/12/16	LK	SW6010C	
Mercury	0.16		0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B	
Potassium	1290	N	7	2.8	mg/Kg	1	11/12/16	LK	SW6010C	
Magnesium	4080		3.6	3.6	mg/Kg	1	11/12/16	LK	SW6010C	
Manganese	357		3.6	3.6	mg/Kg	10	11/12/16	LK	SW6010C	
Sodium	1020	N	7	3.1	mg/Kg	1	11/12/16	LK	SW6010C	
Nickel	67.7		0.36	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Lead	247		7.2	3.6	mg/Kg	10	11/12/16	LK	SW6010C	B
Antimony	ND		1.8	1.8	mg/Kg	1	11/12/16	LK	SW6010C	
Selenium	ND		1.4	1.2	mg/Kg	1	11/12/16	LK	SW6010C	
Thallium	ND		1.4	1.4	mg/Kg	1	11/12/16	LK	SW6010C	
Vanadium	31.4		0.36	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Zinc	260		7.2	3.6	mg/Kg	10	11/12/16	LK	SW6010C	
Percent Solid	92				%		11/11/16	W	SW846-%Solid	
Soil Extraction for PCB	Completed						11/11/16	NC/V	SW3545A	
Soil Extraction for Pest	Completed						11/11/16	NC/V	SW3545A	
Soil Extraction for SVOA	Completed						11/11/16	NJ/CKV	SW3545A	
Mercury Digestion	Completed						11/14/16	W/W	SW7471B	

Ver 2

Project ID: 260 W126TH ST., NY, NY
Client ID: SB4 10-12

Phoenix I.D.: BV81732

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/11/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1221	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1232	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1242	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1248	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1254	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1260	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1262	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1268	ND	72	72	ug/Kg	2	11/14/16	AW	SW8082A
QA/QC Surrogates								
% DCBP	56			%	2	11/14/16	AW	40 - 140 %
% TCMX	59			%	2	11/14/16	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.2	2.2	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	11/16/16	CE	SW8081B
a-BHC	ND	7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
a-Chlordane	ND	3.6	3.6	ug/Kg	2	11/16/16	CE	SW8081B
Aldrin	ND	3.6	3.6	ug/Kg	2	11/16/16	CE	SW8081B
b-BHC	ND	7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Chlordane	ND	36	36	ug/Kg	2	11/16/16	CE	SW8081B
d-BHC	ND	7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Dieldrin	ND	3.6	3.6	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan I	ND	7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan II	ND	7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan sulfate	ND	7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Endrin	ND	7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Endrin aldehyde	ND	7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Endrin ketone	ND	7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	11/16/16	CE	SW8081B
g-Chlordane	ND	3.6	3.6	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor	ND	7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor epoxide	ND	7.2	7.2	ug/Kg	2	11/16/16	CE	SW8081B
Methoxychlor	ND	36	36	ug/Kg	2	11/16/16	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	11/16/16	CE	SW8081B
QA/QC Surrogates								
% DCBP	73			%	2	11/16/16	CE	40 - 140 %
% TCMX	60			%	2	11/16/16	CE	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	3.8	0.76	ug/Kg	1	11/14/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.8	0.76	ug/Kg	1	11/14/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.8	0.76	ug/Kg	1	11/14/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.8	0.76	ug/Kg	1	11/14/16	JLI	SW8260C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloroethene	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
1,1-Dichloropropene	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		3.8	0.76	ug/Kg	1	11/14/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		3.8	0.76	ug/Kg	1	11/14/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	0.57	J	3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		3.8	0.76	ug/Kg	1	11/14/16	JLI	SW8260C	
1,2-Dibromoethane	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
1,2-Dichloroethane	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
1,2-Dichloropropane	ND		3.8	0.76	ug/Kg	1	11/14/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
1,3-Dichloropropane	ND		3.8	0.76	ug/Kg	1	11/14/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
2,2-Dichloropropane	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
2-Chlorotoluene	ND		3.8	0.76	ug/Kg	1	11/14/16	JLI	SW8260C	
2-Hexanone	ND		19	3.8	ug/Kg	1	11/14/16	JLI	SW8260C	
2-Isopropyltoluene	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	1
4-Chlorotoluene	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND		19	3.8	ug/Kg	1	11/14/16	JLI	SW8260C	
Acetone	34	S	19	3.8	ug/Kg	1	11/14/16	JLI	SW8260C	
Acrylonitrile	ND		7.6	0.76	ug/Kg	1	11/14/16	JLI	SW8260C	
Benzene	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
Bromobenzene	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
Bromochloromethane	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
Bromodichloromethane	ND		3.8	0.76	ug/Kg	1	11/14/16	JLI	SW8260C	
Bromoform	ND		3.8	0.76	ug/Kg	1	11/14/16	JLI	SW8260C	
Bromomethane	ND		3.8	1.5	ug/Kg	1	11/14/16	JLI	SW8260C	
Carbon Disulfide	ND		3.8	0.76	ug/Kg	1	11/14/16	JLI	SW8260C	
Carbon tetrachloride	ND		3.8	0.76	ug/Kg	1	11/14/16	JLI	SW8260C	
Chlorobenzene	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
Chloroethane	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
Chloroform	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
Chloromethane	ND		3.8	0.76	ug/Kg	1	11/14/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
Dibromochloromethane	ND		3.8	0.76	ug/Kg	1	11/14/16	JLI	SW8260C	
Dibromomethane	ND		3.8	0.76	ug/Kg	1	11/14/16	JLI	SW8260C	
Dichlorodifluoromethane	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
Ethylbenzene	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
Hexachlorobutadiene	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
Isopropylbenzene	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
m&p-Xylene	ND		3.8	0.76	ug/Kg	1	11/14/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND		23	3.8	ug/Kg	1	11/14/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		7.6	0.76	ug/Kg	1	11/14/16	JLI	SW8260C	
Methylene chloride	ND		3.8	3.8	ug/Kg	1	11/14/16	JLI	SW8260C	
Naphthalene	ND		3.8	0.76	ug/Kg	1	11/14/16	JLI	SW8260C	
n-Butylbenzene	ND		3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	ND	3.8	0.76	ug/Kg	1	11/14/16	JLI	SW8260C	
o-Xylene	ND	3.8	0.76	ug/Kg	1	11/14/16	JLI	SW8260C	
p-Isopropyltoluene	ND	3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
sec-Butylbenzene	ND	3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
Styrene	ND	3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
tert-Butylbenzene	ND	3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
Tetrachloroethene	ND	3.8	0.76	ug/Kg	1	11/14/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	7.6	1.9	ug/Kg	1	11/14/16	JLI	SW8260C	1
Toluene	ND	3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	7.6	1.9	ug/Kg	1	11/14/16	JLI	SW8260C	
Trichloroethene	ND	3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
Trichlorofluoromethane	ND	3.8	0.76	ug/Kg	1	11/14/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
Vinyl chloride	ND	3.8	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99			%	1	11/14/16	JLI	70 - 130 %	
% Bromofluorobenzene	101			%	1	11/14/16	JLI	70 - 130 %	
% Dibromofluoromethane	97			%	1	11/14/16	JLI	70 - 130 %	
% Toluene-d8	99			%	1	11/14/16	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	57	30	ug/kg	1	11/14/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99			%	1	11/14/16	JLI	70 - 130 %	
% Bromofluorobenzene	101			%	1	11/14/16	JLI	70 - 130 %	
% Toluene-d8	99			%	1	11/14/16	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	15	0.76	ug/Kg	1	11/14/16	JLI	SW8260C	
Acrolein	ND	15	1.9	ug/Kg	1	11/14/16	JLI	SW8260C	
Acrylonitrile	ND	15	0.38	ug/Kg	1	11/14/16	JLI	SW8260C	
Tert-butyl alcohol	ND	76	15	ug/Kg	1	11/14/16	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D	
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D	
1,3-Dichlorobenzene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D	
1,4-Dichlorobenzene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	1	11/12/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND	180	110	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dichlorophenol	ND	180	120	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dimethylphenol	ND	250	88	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	11/12/16	DD	SW8270D	
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	11/12/16	DD	SW8270D	
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Chlorophenol	ND		250	100	ug/Kg	1	11/12/16	DD	SW8270D	
2-Methylnaphthalene	ND		250	110	ug/Kg	1	11/12/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	1	11/12/16	DD	SW8270D	
2-Nitroaniline	ND		250	250	ug/Kg	1	11/12/16	DD	SW8270D	
2-Nitrophenol	ND		250	220	ug/Kg	1	11/12/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	1	11/12/16	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		180	170	ug/Kg	1	11/12/16	DD	SW8270D	
3-Nitroaniline	ND		350	710	ug/Kg	1	11/12/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		210	71	ug/Kg	1	11/12/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		250	100	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND		250	120	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chloroaniline	ND		280	170	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	1	11/12/16	DD	SW8270D	
4-Nitroaniline	ND		350	120	ug/Kg	1	11/12/16	DD	SW8270D	
4-Nitrophenol	ND		350	160	ug/Kg	1	11/12/16	DD	SW8270D	
Acenaphthene	ND		250	110	ug/Kg	1	11/12/16	DD	SW8270D	
Acenaphthylene	100	J	250	99	ug/Kg	1	11/12/16	DD	SW8270D	
Acetophenone	ND		250	110	ug/Kg	1	11/12/16	DD	SW8270D	
Aniline	ND		280	280	ug/Kg	1	11/12/16	DD	SW8270D	
Anthracene	160	J	250	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benz(a)anthracene	510		250	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benzidine	ND		350	210	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(a)pyrene	540		180	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(b)fluoranthene	550		250	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(ghi)perylene	390		250	110	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(k)fluoranthene	530		250	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benzoic acid	ND		1800	710	ug/Kg	1	11/12/16	DD	SW8270D	1
Benzyl butyl phthalate	ND		250	91	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		250	98	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		180	96	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		250	98	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		250	100	ug/Kg	1	11/12/16	DD	SW8270D	
Carbazole	ND		180	140	ug/Kg	1	11/12/16	DD	SW8270D	
Chrysene	650		250	120	ug/Kg	1	11/12/16	DD	SW8270D	
Dibenz(a,h)anthracene	ND		180	110	ug/Kg	1	11/12/16	DD	SW8270D	
Dibenzofuran	ND		250	100	ug/Kg	1	11/12/16	DD	SW8270D	
Diethyl phthalate	ND		250	110	ug/Kg	1	11/12/16	DD	SW8270D	
Dimethylphthalate	ND		250	110	ug/Kg	1	11/12/16	DD	SW8270D	
Di-n-butylphthalate	ND		250	94	ug/Kg	1	11/12/16	DD	SW8270D	
Di-n-octylphthalate	ND		250	91	ug/Kg	1	11/12/16	DD	SW8270D	
Fluoranthene	1000		250	110	ug/Kg	1	11/12/16	DD	SW8270D	
Fluorene	ND		250	120	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorobenzene	ND		180	100	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorobutadiene	ND		250	130	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachloroethane	ND		180	110	ug/Kg	1	11/12/16	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	450		250	120	ug/Kg	1	11/12/16	DD	SW8270D	
Isophorone	ND		180	99	ug/Kg	1	11/12/16	DD	SW8270D	
Naphthalene	ND		250	100	ug/Kg	1	11/12/16	DD	SW8270D	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	180	120	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	180	110	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND	210	130	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	760	250	100	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	880	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND	250	87	ug/Kg	1	11/12/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	73			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	62			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	42			%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	59			%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	56			%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	55			%	1	11/12/16	DD	30 - 130 %

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/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
November 28, 2016
Reviewed and Released by: Jon Carlson, Project Manager

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

Analysis Report

November 28, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/10/16	
Location Code:	EBC	Received by:	LB	11/11/16	15:41
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV81727
Phoenix ID: BV81733

Project ID: 260 W126TH ST., NY, NY
Client ID: SB5 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	ND		0.36	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Aluminum	7870		36	7.3	mg/Kg	10	11/12/16	LK	SW6010C	
Arsenic	15.7		0.73	0.73	mg/Kg	1	11/12/16	LK	SW6010C	
Barium	729		0.7	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Beryllium	0.34		0.29	0.15	mg/Kg	1	11/12/16	LK	SW6010C	
Calcium	49800		36	33	mg/Kg	10	11/12/16	LK	SW6010C	
Cadmium	1.10		0.36	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Cobalt	6.83		0.36	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Chromium	14.7		0.36	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Copper	28.4		0.36	0.36	mg/kg	1	11/12/16	LK	SW6010C	
Iron	28100		36	36	mg/Kg	10	11/12/16	LK	SW6010C	
Mercury	0.34		0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B	
Potassium	1170	N	7	2.8	mg/Kg	1	11/12/16	LK	SW6010C	
Magnesium	5090		3.6	3.6	mg/Kg	1	11/12/16	LK	SW6010C	
Manganese	243		3.6	3.6	mg/Kg	10	11/12/16	LK	SW6010C	
Sodium	720	N	7	3.1	mg/Kg	1	11/12/16	LK	SW6010C	
Nickel	14.2		0.36	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Lead	2040		73	36	mg/Kg	100	11/14/16	LK	SW6010C	B
Antimony	14.9		1.8	1.8	mg/Kg	1	11/12/16	LK	SW6010C	
Selenium	ND		1.5	1.2	mg/Kg	1	11/12/16	LK	SW6010C	
Thallium	ND		1.5	1.5	mg/Kg	1	11/12/16	LK	SW6010C	
Vanadium	22.9		0.36	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Zinc	690		7.3	3.6	mg/Kg	10	11/12/16	LK	SW6010C	
Percent Solid	87				%		11/11/16	W	SW846-%Solid	
Soil Extraction for PCB	Completed						11/11/16	NC/V	SW3545A	
Soil Extraction for Pest	Completed						11/11/16	NC/V	SW3545A	
Soil Extraction for SVOA	Completed						11/11/16	NJ/CKV	SW3545A	
Mercury Digestion	Completed						11/14/16	W/W	SW7471B	

Ver 2

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/11/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	75	75	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1221	ND	75	75	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1232	ND	75	75	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1242	ND	75	75	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1248	ND	75	75	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1254	ND	75	75	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1260	ND	75	75	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1262	ND	75	75	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1268	ND	75	75	ug/Kg	2	11/16/16	AW	SW8082A
QA/QC Surrogates								
% DCBP	65			%	2	11/16/16	AW	40 - 140 %
% TCMX	60			%	2	11/16/16	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.2	2.2	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	11/16/16	CE	SW8081B
a-BHC	ND	7.5	7.5	ug/Kg	2	11/16/16	CE	SW8081B
a-Chlordane	ND	3.7	3.7	ug/Kg	2	11/16/16	CE	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	11/16/16	CE	SW8081B
b-BHC	ND	7.5	7.5	ug/Kg	2	11/16/16	CE	SW8081B
Chlordane	ND	37	37	ug/Kg	2	11/16/16	CE	SW8081B
d-BHC	ND	7.5	7.5	ug/Kg	2	11/16/16	CE	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan I	ND	7.5	7.5	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan II	ND	7.5	7.5	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan sulfate	ND	7.5	7.5	ug/Kg	2	11/16/16	CE	SW8081B
Endrin	ND	7.5	7.5	ug/Kg	2	11/16/16	CE	SW8081B
Endrin aldehyde	ND	7.5	7.5	ug/Kg	2	11/16/16	CE	SW8081B
Endrin ketone	ND	7.5	7.5	ug/Kg	2	11/16/16	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	11/16/16	CE	SW8081B
g-Chlordane	ND	3.7	3.7	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor	ND	7.5	7.5	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor epoxide	ND	7.5	7.5	ug/Kg	2	11/16/16	CE	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	11/16/16	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	11/16/16	CE	SW8081B
QA/QC Surrogates								
% DCBP	74			%	2	11/16/16	CE	40 - 140 %
% TCMX	55			%	2	11/16/16	CE	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	3.6	0.71	ug/Kg	1	11/12/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.6	0.71	ug/Kg	1	11/12/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.6	0.71	ug/Kg	1	11/12/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.6	0.71	ug/Kg	1	11/12/16	JLI	SW8260C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloroethene	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
1,1-Dichloropropene	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		3.6	0.71	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		3.6	0.71	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		3.6	0.71	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dibromoethane	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dichloroethane	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dichloropropane	ND		3.6	0.71	ug/Kg	1	11/12/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
1,3-Dichloropropane	ND		3.6	0.71	ug/Kg	1	11/12/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
2,2-Dichloropropane	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
2-Chlorotoluene	ND		3.6	0.71	ug/Kg	1	11/12/16	JLI	SW8260C	
2-Hexanone	ND		18	3.6	ug/Kg	1	11/12/16	JLI	SW8260C	
2-Isopropyltoluene	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	1
4-Chlorotoluene	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND		18	3.6	ug/Kg	1	11/12/16	JLI	SW8260C	
Acetone	ND		18	3.6	ug/Kg	1	11/12/16	JLI	SW8260C	
Acrylonitrile	ND		7.1	0.71	ug/Kg	1	11/12/16	JLI	SW8260C	
Benzene	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromobenzene	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromochloromethane	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromodichloromethane	ND		3.6	0.71	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromoform	ND		3.6	0.71	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromomethane	ND		3.6	1.4	ug/Kg	1	11/12/16	JLI	SW8260C	
Carbon Disulfide	ND		3.6	0.71	ug/Kg	1	11/12/16	JLI	SW8260C	
Carbon tetrachloride	ND		3.6	0.71	ug/Kg	1	11/12/16	JLI	SW8260C	
Chlorobenzene	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
Chloroethane	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
Chloroform	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
Chloromethane	ND		3.6	0.71	ug/Kg	1	11/12/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
Dibromochloromethane	ND		3.6	0.71	ug/Kg	1	11/12/16	JLI	SW8260C	
Dibromomethane	ND		3.6	0.71	ug/Kg	1	11/12/16	JLI	SW8260C	
Dichlorodifluoromethane	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
Ethylbenzene	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
Hexachlorobutadiene	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
Isopropylbenzene	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
m&p-Xylene	ND		3.6	0.71	ug/Kg	1	11/12/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND		21	3.6	ug/Kg	1	11/12/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		7.1	0.71	ug/Kg	1	11/12/16	JLI	SW8260C	
Methylene chloride	ND		3.6	3.6	ug/Kg	1	11/12/16	JLI	SW8260C	
Naphthalene	2.7	J	3.6	0.71	ug/Kg	1	11/12/16	JLI	SW8260C	
n-Butylbenzene	ND		3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	ND	3.6	0.71	ug/Kg	1	11/12/16	JLI	SW8260C	
o-Xylene	ND	3.6	0.71	ug/Kg	1	11/12/16	JLI	SW8260C	
p-Isopropyltoluene	ND	3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
sec-Butylbenzene	ND	3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
Styrene	ND	3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
tert-Butylbenzene	ND	3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
Tetrachloroethene	ND	3.6	0.71	ug/Kg	1	11/12/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	7.1	1.8	ug/Kg	1	11/12/16	JLI	SW8260C	1
Toluene	ND	3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	7.1	1.8	ug/Kg	1	11/12/16	JLI	SW8260C	
Trichloroethene	ND	3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
Trichlorofluoromethane	ND	3.6	0.71	ug/Kg	1	11/12/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
Vinyl chloride	ND	3.6	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	11/12/16	JLI	70 - 130 %	
% Bromofluorobenzene	99			%	1	11/12/16	JLI	70 - 130 %	
% Dibromofluoromethane	97			%	1	11/12/16	JLI	70 - 130 %	
% Toluene-d8	101			%	1	11/12/16	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	53	29	ug/kg	1	11/12/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	11/12/16	JLI	70 - 130 %	
% Bromofluorobenzene	99			%	1	11/12/16	JLI	70 - 130 %	
% Toluene-d8	101			%	1	11/12/16	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	14	0.71	ug/Kg	1	11/12/16	JLI	SW8260C	
Acrolein	ND	14	1.8	ug/Kg	1	11/12/16	JLI	SW8260C	
Acrylonitrile	ND	14	0.36	ug/Kg	1	11/12/16	JLI	SW8260C	
Tert-butyl alcohol	ND	71	14	ug/Kg	1	11/12/16	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D	
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D	
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D	
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	11/12/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dichlorophenol	ND	190	130	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dimethylphenol	ND	270	95	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dinitrophenol	ND	270	270	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	11/12/16	DD	SW8270D	
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D	
2-Chloronaphthalene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Chlorophenol	ND		270	110	ug/Kg	1	11/12/16	DD	SW8270D	
2-Methylnaphthalene	ND		270	110	ug/Kg	1	11/12/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		270	180	ug/Kg	1	11/12/16	DD	SW8270D	
2-Nitroaniline	ND		270	270	ug/Kg	1	11/12/16	DD	SW8270D	
2-Nitrophenol	ND		270	240	ug/Kg	1	11/12/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		270	150	ug/Kg	1	11/12/16	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		190	180	ug/Kg	1	11/12/16	DD	SW8270D	
3-Nitroaniline	ND		380	760	ug/Kg	1	11/12/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		230	76	ug/Kg	1	11/12/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		270	110	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND		270	130	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chloroaniline	ND		310	180	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		270	130	ug/Kg	1	11/12/16	DD	SW8270D	
4-Nitroaniline	ND		380	130	ug/Kg	1	11/12/16	DD	SW8270D	
4-Nitrophenol	ND		380	170	ug/Kg	1	11/12/16	DD	SW8270D	
Acenaphthene	190	J	270	120	ug/Kg	1	11/12/16	DD	SW8270D	
Acenaphthylene	120	J	270	110	ug/Kg	1	11/12/16	DD	SW8270D	
Acetophenone	ND		270	120	ug/Kg	1	11/12/16	DD	SW8270D	
Aniline	ND		310	310	ug/Kg	1	11/12/16	DD	SW8270D	
Anthracene	330		270	130	ug/Kg	1	11/12/16	DD	SW8270D	
Benz(a)anthracene	1100		270	130	ug/Kg	1	11/12/16	DD	SW8270D	
Benzidine	ND		380	220	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(a)pyrene	1100		190	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(b)fluoranthene	1100		270	130	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(ghi)perylene	640		270	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(k)fluoranthene	1100		270	130	ug/Kg	1	11/12/16	DD	SW8270D	
Benzoic acid	ND		1900	760	ug/Kg	1	11/12/16	DD	SW8270D	1
Benzyl butyl phthalate	ND		270	98	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		270	110	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		190	100	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		270	110	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		270	110	ug/Kg	1	11/12/16	DD	SW8270D	
Carbazole	160	J	190	150	ug/Kg	1	11/12/16	DD	SW8270D	
Chrysene	1300		270	130	ug/Kg	1	11/12/16	DD	SW8270D	
Dibenz(a,h)anthracene	180	J	190	120	ug/Kg	1	11/12/16	DD	SW8270D	
Dibenzofuran	ND		270	110	ug/Kg	1	11/12/16	DD	SW8270D	
Diethyl phthalate	ND		270	120	ug/Kg	1	11/12/16	DD	SW8270D	
Dimethylphthalate	ND		270	120	ug/Kg	1	11/12/16	DD	SW8270D	
Di-n-butylphthalate	ND		270	100	ug/Kg	1	11/12/16	DD	SW8270D	
Di-n-octylphthalate	ND		270	98	ug/Kg	1	11/12/16	DD	SW8270D	
Fluoranthene	1800		270	120	ug/Kg	1	11/12/16	DD	SW8270D	
Fluorene	140	J	270	130	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorobenzene	ND		190	110	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorobutadiene	ND		270	140	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorocyclopentadiene	ND		270	120	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachloroethane	ND		190	110	ug/Kg	1	11/12/16	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	810		270	130	ug/Kg	1	11/12/16	DD	SW8270D	
Isophorone	ND		190	110	ug/Kg	1	11/12/16	DD	SW8270D	
Naphthalene	ND		270	110	ug/Kg	1	11/12/16	DD	SW8270D	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	190	130	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND	270	140	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND	230	140	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	1400	270	110	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	1600	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND	270	94	ug/Kg	1	11/12/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	80			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	67			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	53			%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	73			%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	67			%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	59			%	1	11/12/16	DD	30 - 130 %

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/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
November 28, 2016
Reviewed and Released by: Jon Carlson, Project Manager

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

Analysis Report

November 28, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/10/16	
Location Code:	EBC	Received by:	LB	11/11/16	15:41
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV81727
Phoenix ID: BV81734

Project ID: 260 W126TH ST., NY, NY
Client ID: SB5 10-12

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	ND		0.32	0.32	mg/Kg	1	11/12/16	LK	SW6010C	
Aluminum	5780		32	6.5	mg/Kg	10	11/12/16	LK	SW6010C	
Arsenic	1.52		0.65	0.65	mg/Kg	1	11/12/16	LK	SW6010C	
Barium	33.0		0.6	0.32	mg/Kg	1	11/12/16	LK	SW6010C	
Beryllium	0.29		0.26	0.13	mg/Kg	1	11/12/16	LK	SW6010C	
Calcium	2150		3.2	3.0	mg/Kg	1	11/12/16	LK	SW6010C	
Cadmium	ND		0.32	0.32	mg/Kg	1	11/12/16	LK	SW6010C	
Cobalt	5.80		0.32	0.32	mg/Kg	1	11/12/16	LK	SW6010C	
Chromium	19.0		0.32	0.32	mg/Kg	1	11/12/16	LK	SW6010C	
Copper	26.8		0.32	0.32	mg/kg	1	11/12/16	LK	SW6010C	
Iron	10900		32	32	mg/Kg	10	11/12/16	LK	SW6010C	
Mercury	ND		0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B	
Potassium	938	N	6	2.5	mg/Kg	1	11/12/16	LK	SW6010C	
Magnesium	2580		3.2	3.2	mg/Kg	1	11/12/16	LK	SW6010C	
Manganese	318		3.2	3.2	mg/Kg	10	11/12/16	LK	SW6010C	
Sodium	376	N	6	2.8	mg/Kg	1	11/12/16	LK	SW6010C	
Nickel	14.1		0.32	0.32	mg/Kg	1	11/12/16	LK	SW6010C	
Lead	4.1		0.6	0.32	mg/Kg	1	11/12/16	LK	SW6010C	B
Antimony	ND		1.6	1.6	mg/Kg	1	11/12/16	LK	SW6010C	
Selenium	ND		1.3	1.1	mg/Kg	1	11/12/16	LK	SW6010C	
Thallium	ND		1.3	1.3	mg/Kg	1	11/12/16	LK	SW6010C	
Vanadium	15.9		0.32	0.32	mg/Kg	1	11/12/16	LK	SW6010C	
Zinc	29.2		0.6	0.32	mg/Kg	1	11/12/16	LK	SW6010C	
Percent Solid	95				%		11/11/16	W	SW846-%Solid	
Soil Extraction for PCB	Completed						11/11/16	NC/V	SW3545A	
Soil Extraction for Pest	Completed						11/11/16	NC/V	SW3545A	
Soil Extraction for SVOA	Completed						11/11/16	NJ/CKV	SW3545A	
Mercury Digestion	Completed						11/14/16	W/W	SW7471B	

Ver 2

Project ID: 260 W126TH ST., NY, NY
Client ID: SB5 10-12

Phoenix I.D.: BV81734

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/11/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	70	70	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1221	ND	70	70	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1232	ND	70	70	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1242	ND	70	70	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1248	ND	70	70	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1254	ND	70	70	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1260	ND	70	70	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1262	ND	70	70	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1268	ND	70	70	ug/Kg	2	11/16/16	AW	SW8082A
QA/QC Surrogates								
% DCBP	97			%	2	11/16/16	AW	40 - 140 %
% TCMX	89			%	2	11/16/16	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.1	2.1	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDE	ND	2.1	2.1	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDT	ND	2.1	2.1	ug/Kg	2	11/16/16	CE	SW8081B
a-BHC	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
a-Chlordane	ND	3.5	3.5	ug/Kg	2	11/16/16	CE	SW8081B
Aldrin	ND	3.5	3.5	ug/Kg	2	11/16/16	CE	SW8081B
b-BHC	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Chlordane	ND	35	35	ug/Kg	2	11/16/16	CE	SW8081B
d-BHC	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Dieldrin	ND	3.5	3.5	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan I	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan II	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan sulfate	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Endrin	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Endrin aldehyde	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Endrin ketone	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	11/16/16	CE	SW8081B
g-Chlordane	ND	3.5	3.5	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor epoxide	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Methoxychlor	ND	35	35	ug/Kg	2	11/16/16	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	11/16/16	CE	SW8081B
QA/QC Surrogates								
% DCBP	86			%	2	11/16/16	CE	40 - 140 %
% TCMX	69			%	2	11/16/16	CE	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.7	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.7	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.7	1.1	ug/Kg	1	11/14/16	JLI	SW8260C
1,1-Dichloroethane	ND	5.7	1.1	ug/Kg	1	11/14/16	JLI	SW8260C

Project ID: 260 W126TH ST., NY, NY
Client ID: SB5 10-12

Phoenix I.D.: BV81734

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloroethene	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
1,1-Dichloropropene	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		5.7	1.1	ug/Kg	1	11/14/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		5.7	1.1	ug/Kg	1	11/14/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		5.7	1.1	ug/Kg	1	11/14/16	JLI	SW8260C	
1,2-Dibromoethane	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
1,2-Dichloroethane	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
1,2-Dichloropropane	ND		5.7	1.1	ug/Kg	1	11/14/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
1,3-Dichloropropane	ND		5.7	1.1	ug/Kg	1	11/14/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
2,2-Dichloropropane	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
2-Chlorotoluene	ND		5.7	1.1	ug/Kg	1	11/14/16	JLI	SW8260C	
2-Hexanone	ND		29	5.7	ug/Kg	1	11/14/16	JLI	SW8260C	
2-Isopropyltoluene	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	1
4-Chlorotoluene	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND		29	5.7	ug/Kg	1	11/14/16	JLI	SW8260C	
Acetone	19	JS	29	5.7	ug/Kg	1	11/14/16	JLI	SW8260C	
Acrylonitrile	ND		11	1.1	ug/Kg	1	11/14/16	JLI	SW8260C	
Benzene	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
Bromobenzene	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
Bromochloromethane	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
Bromodichloromethane	ND		5.7	1.1	ug/Kg	1	11/14/16	JLI	SW8260C	
Bromoform	ND		5.7	1.1	ug/Kg	1	11/14/16	JLI	SW8260C	
Bromomethane	ND		5.7	2.3	ug/Kg	1	11/14/16	JLI	SW8260C	
Carbon Disulfide	ND		5.7	1.1	ug/Kg	1	11/14/16	JLI	SW8260C	
Carbon tetrachloride	ND		5.7	1.1	ug/Kg	1	11/14/16	JLI	SW8260C	
Chlorobenzene	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
Chloroethane	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
Chloroform	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
Chloromethane	ND		5.7	1.1	ug/Kg	1	11/14/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
Dibromochloromethane	ND		5.7	1.1	ug/Kg	1	11/14/16	JLI	SW8260C	
Dibromomethane	ND		5.7	1.1	ug/Kg	1	11/14/16	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
Ethylbenzene	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
Hexachlorobutadiene	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
Isopropylbenzene	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
m&p-Xylene	ND		5.7	1.1	ug/Kg	1	11/14/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND		34	5.7	ug/Kg	1	11/14/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		11	1.1	ug/Kg	1	11/14/16	JLI	SW8260C	
Methylene chloride	ND		5.7	5.7	ug/Kg	1	11/14/16	JLI	SW8260C	
Naphthalene	11		5.7	1.1	ug/Kg	1	11/14/16	JLI	SW8260C	
n-Butylbenzene	ND		5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	ND	5.7	1.1	ug/Kg	1	11/14/16	JLI	SW8260C	
o-Xylene	ND	5.7	1.1	ug/Kg	1	11/14/16	JLI	SW8260C	
p-Isopropyltoluene	ND	5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
sec-Butylbenzene	ND	5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
Styrene	ND	5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
tert-Butylbenzene	ND	5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
Tetrachloroethene	ND	5.7	1.1	ug/Kg	1	11/14/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	11	2.9	ug/Kg	1	11/14/16	JLI	SW8260C	1
Toluene	ND	5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	11	2.9	ug/Kg	1	11/14/16	JLI	SW8260C	
Trichloroethene	ND	5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
Trichlorofluoromethane	ND	5.7	1.1	ug/Kg	1	11/14/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
Vinyl chloride	ND	5.7	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98			%	1	11/14/16	JLI	70 - 130 %	
% Bromofluorobenzene	100			%	1	11/14/16	JLI	70 - 130 %	
% Dibromofluoromethane	95			%	1	11/14/16	JLI	70 - 130 %	
% Toluene-d8	100			%	1	11/14/16	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	86	46	ug/kg	1	11/14/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98			%	1	11/14/16	JLI	70 - 130 %	
% Bromofluorobenzene	100			%	1	11/14/16	JLI	70 - 130 %	
% Toluene-d8	100			%	1	11/14/16	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	23	1.1	ug/Kg	1	11/14/16	JLI	SW8260C	
Acrolein	ND	23	2.9	ug/Kg	1	11/14/16	JLI	SW8260C	
Acrylonitrile	ND	23	0.57	ug/Kg	1	11/14/16	JLI	SW8260C	
Tert-butyl alcohol	ND	110	23	ug/Kg	1	11/14/16	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	11/12/16	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	1	11/12/16	DD	SW8270D	
1,2-Dichlorobenzene	ND	240	97	ug/Kg	1	11/12/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
1,3-Dichlorobenzene	ND	240	100	ug/Kg	1	11/12/16	DD	SW8270D	
1,4-Dichlorobenzene	ND	240	100	ug/Kg	1	11/12/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	1	11/12/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND	170	110	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dichlorophenol	ND	170	120	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dimethylphenol	ND	240	85	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dinitrophenol	ND	240	240	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	140	ug/Kg	1	11/12/16	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	110	ug/Kg	1	11/12/16	DD	SW8270D	
2-Chloronaphthalene	ND	240	97	ug/Kg	1	11/12/16	DD	SW8270D	

Project ID: 260 W126TH ST., NY, NY
Client ID: SB5 10-12

Phoenix I.D.: BV81734

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Chlorophenol	ND	240	97	ug/Kg	1	11/12/16	DD	SW8270D	
2-Methylnaphthalene	ND	240	100	ug/Kg	1	11/12/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	1	11/12/16	DD	SW8270D	
2-Nitroaniline	ND	240	240	ug/Kg	1	11/12/16	DD	SW8270D	
2-Nitrophenol	ND	240	220	ug/Kg	1	11/12/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	240	140	ug/Kg	1	11/12/16	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	170	160	ug/Kg	1	11/12/16	DD	SW8270D	
3-Nitroaniline	ND	340	690	ug/Kg	1	11/12/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	210	69	ug/Kg	1	11/12/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	240	100	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND	240	120	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chloroaniline	ND	270	160	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	240	120	ug/Kg	1	11/12/16	DD	SW8270D	
4-Nitroaniline	ND	340	110	ug/Kg	1	11/12/16	DD	SW8270D	
4-Nitrophenol	ND	340	160	ug/Kg	1	11/12/16	DD	SW8270D	
Acenaphthene	ND	240	100	ug/Kg	1	11/12/16	DD	SW8270D	
Acenaphthylene	ND	240	96	ug/Kg	1	11/12/16	DD	SW8270D	
Acetophenone	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Aniline	ND	270	270	ug/Kg	1	11/12/16	DD	SW8270D	
Anthracene	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Benz(a)anthracene	ND	240	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benzidine	ND	340	200	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(a)pyrene	ND	170	110	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(b)fluoranthene	ND	240	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(ghi)perylene	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(k)fluoranthene	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Benzoic acid	ND	1700	690	ug/Kg	1	11/12/16	DD	SW8270D	1
Benzyl butyl phthalate	ND	240	89	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	240	95	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	170	93	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	240	95	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	240	99	ug/Kg	1	11/12/16	DD	SW8270D	
Carbazole	ND	170	140	ug/Kg	1	11/12/16	DD	SW8270D	
Chrysene	ND	240	120	ug/Kg	1	11/12/16	DD	SW8270D	
Dibenz(a,h)anthracene	ND	170	110	ug/Kg	1	11/12/16	DD	SW8270D	
Dibenzofuran	ND	240	100	ug/Kg	1	11/12/16	DD	SW8270D	
Diethyl phthalate	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Dimethylphthalate	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Di-n-butylphthalate	ND	240	91	ug/Kg	1	11/12/16	DD	SW8270D	
Di-n-octylphthalate	ND	240	89	ug/Kg	1	11/12/16	DD	SW8270D	
Fluoranthene	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Fluorene	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorobenzene	ND	170	100	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorobutadiene	ND	240	120	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorocyclopentadiene	ND	240	100	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachloroethane	ND	170	100	ug/Kg	1	11/12/16	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Isophorone	ND	170	96	ug/Kg	1	11/12/16	DD	SW8270D	
Naphthalene	ND	240	99	ug/Kg	1	11/12/16	DD	SW8270D	

Project ID: 260 W126TH ST., NY, NY
Client ID: SB5 10-12

Phoenix I.D.: BV81734

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	170	120	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND	240	97	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	170	110	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND	240	130	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND	210	130	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	ND	240	98	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	ND	240	120	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND	240	84	ug/Kg	1	11/12/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	74			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	62			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	46			%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	64			%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	59			%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	57			%	1	11/12/16	DD	30 - 130 %

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/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile Comment:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
November 28, 2016
Reviewed and Released by: Jon Carlson, Project Manager

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

Analysis Report

November 28, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/10/16	
Location Code:	EBC	Received by:	LB	11/11/16	15:41
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV81727
Phoenix ID: BV81735

Project ID: 260 W126TH ST., NY, NY
Client ID: SB7 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	ND		0.36	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Aluminum	8470		36	7.2	mg/Kg	10	11/12/16	LK	SW6010C	
Arsenic	8.51		0.72	0.72	mg/Kg	1	11/12/16	LK	SW6010C	
Barium	2760		7.2	3.6	mg/Kg	10	11/12/16	LK	SW6010C	
Beryllium	0.37		0.29	0.14	mg/Kg	1	11/12/16	LK	SW6010C	
Calcium	50000		36	33	mg/Kg	10	11/12/16	LK	SW6010C	
Cadmium	2.36		0.36	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Cobalt	9.60		0.36	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Chromium	27.7		0.36	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Copper	53.9		0.36	0.36	mg/kg	1	11/12/16	LK	SW6010C	
Iron	15600		36	36	mg/Kg	10	11/12/16	LK	SW6010C	
Mercury	0.26		0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B	
Potassium	2450	N	7	2.8	mg/Kg	1	11/12/16	LK	SW6010C	
Magnesium	5080		3.6	3.6	mg/Kg	1	11/12/16	LK	SW6010C	
Manganese	283		3.6	3.6	mg/Kg	10	11/12/16	LK	SW6010C	
Sodium	385	N	7	3.1	mg/Kg	1	11/12/16	LK	SW6010C	
Nickel	19.2		0.36	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Lead	696		7.2	3.6	mg/Kg	10	11/12/16	LK	SW6010C	B
Antimony	ND		1.8	1.8	mg/Kg	1	11/12/16	LK	SW6010C	
Selenium	ND		1.4	1.2	mg/Kg	1	11/12/16	LK	SW6010C	
Thallium	ND		1.4	1.4	mg/Kg	1	11/12/16	LK	SW6010C	
Vanadium	37.5		0.36	0.36	mg/Kg	1	11/12/16	LK	SW6010C	
Zinc	1960		72	36	mg/Kg	100	11/14/16	LK	SW6010C	
Percent Solid	85				%		11/11/16	W	SW846-%Solid	
Soil Extraction for PCB	Completed						11/11/16	NC/V	SW3545A	
Soil Extraction for Pest	Completed						11/11/16	NC/V	SW3545A	
Soil Extraction for SVOA	Completed						11/11/16	NJ/CKV	SW3545A	
Mercury Digestion	Completed						11/14/16	W/W	SW7471B	

Ver 2

Project ID: 260 W126TH ST., NY, NY
Client ID: SB7 0-2

Phoenix I.D.: BV81735

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/11/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	77	77	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1221	ND	77	77	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1232	ND	77	77	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1242	ND	77	77	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1248	ND	77	77	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1254	ND	77	77	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1260	ND	77	77	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1262	ND	77	77	ug/Kg	2	11/16/16	AW	SW8082A
PCB-1268	ND	77	77	ug/Kg	2	11/16/16	AW	SW8082A
QA/QC Surrogates								
% DCBP	89			%	2	11/16/16	AW	40 - 140 %
% TCMX	71			%	2	11/16/16	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.3	2.3	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDT	4.8	2.3	2.3	ug/Kg	2	11/16/16	CE	SW8081B
a-BHC	ND	7.7	7.7	ug/Kg	2	11/16/16	CE	SW8081B
a-Chlordane	ND	3.8	3.8	ug/Kg	2	11/16/16	CE	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	11/16/16	CE	SW8081B
b-BHC	ND	7.7	7.7	ug/Kg	2	11/16/16	CE	SW8081B
Chlordane	ND	38	38	ug/Kg	2	11/16/16	CE	SW8081B
d-BHC	ND	7.7	7.7	ug/Kg	2	11/16/16	CE	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan I	ND	7.7	7.7	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan II	ND	7.7	7.7	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan sulfate	ND	7.7	7.7	ug/Kg	2	11/16/16	CE	SW8081B
Endrin	ND	7.7	7.7	ug/Kg	2	11/16/16	CE	SW8081B
Endrin aldehyde	ND	7.7	7.7	ug/Kg	2	11/16/16	CE	SW8081B
Endrin ketone	ND	7.7	7.7	ug/Kg	2	11/16/16	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	11/16/16	CE	SW8081B
g-Chlordane	ND	3.8	3.8	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor	ND	7.7	7.7	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor epoxide	ND	7.7	7.7	ug/Kg	2	11/16/16	CE	SW8081B
Methoxychlor	ND	38	38	ug/Kg	2	11/16/16	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	11/16/16	CE	SW8081B
QA/QC Surrogates								
% DCBP	72			%	2	11/16/16	CE	40 - 140 %
% TCMX	61			%	2	11/16/16	CE	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	8.3	1.7	ug/Kg	1	11/12/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	8.3	0.83	ug/Kg	1	11/12/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	270	55	ug/Kg	50	11/14/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	8.3	1.7	ug/Kg	1	11/12/16	JLI	SW8260C
1,1-Dichloroethane	ND	8.3	1.7	ug/Kg	1	11/12/16	JLI	SW8260C

Project ID: 260 W126TH ST., NY, NY
Client ID: SB7 0-2

Phoenix I.D.: BV81735

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloroethene	ND	8.3	0.83	ug/Kg	1	11/12/16	JLI	SW8260C	
1,1-Dichloropropene	ND	8.3	0.83	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	270	55	ug/Kg	50	11/14/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND	270	27	ug/Kg	50	11/14/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	270	55	ug/Kg	50	11/14/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	270	27	ug/Kg	50	11/14/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	270	55	ug/Kg	50	11/14/16	JLI	SW8260C	
1,2-Dibromoethane	ND	8.3	0.83	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND	270	27	ug/Kg	50	11/14/16	JLI	SW8260C	
1,2-Dichloroethane	ND	8.3	0.83	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dichloropropane	ND	8.3	1.7	ug/Kg	1	11/12/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	270	27	ug/Kg	50	11/14/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND	270	27	ug/Kg	50	11/14/16	JLI	SW8260C	
1,3-Dichloropropane	ND	8.3	1.7	ug/Kg	1	11/12/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND	270	27	ug/Kg	50	11/14/16	JLI	SW8260C	
2,2-Dichloropropane	ND	8.3	0.83	ug/Kg	1	11/12/16	JLI	SW8260C	
2-Chlorotoluene	ND	270	55	ug/Kg	50	11/14/16	JLI	SW8260C	
2-Hexanone	ND	41	8.3	ug/Kg	1	11/12/16	JLI	SW8260C	
2-Isopropyltoluene	ND	270	27	ug/Kg	50	11/14/16	JLI	SW8260C	1
4-Chlorotoluene	ND	270	27	ug/Kg	50	11/14/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND	41	8.3	ug/Kg	1	11/12/16	JLI	SW8260C	
Acetone	ND	41	8.3	ug/Kg	1	11/12/16	JLI	SW8260C	
Acrylonitrile	ND	17	1.7	ug/Kg	1	11/12/16	JLI	SW8260C	
Benzene	ND	8.3	0.83	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromobenzene	ND	270	27	ug/Kg	50	11/14/16	JLI	SW8260C	
Bromochloromethane	ND	8.3	0.83	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromodichloromethane	ND	8.3	1.7	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromoform	ND	8.3	1.7	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromomethane	ND	8.3	3.3	ug/Kg	1	11/12/16	JLI	SW8260C	
Carbon Disulfide	ND	8.3	1.7	ug/Kg	1	11/12/16	JLI	SW8260C	
Carbon tetrachloride	ND	8.3	1.7	ug/Kg	1	11/12/16	JLI	SW8260C	
Chlorobenzene	ND	8.3	0.83	ug/Kg	1	11/12/16	JLI	SW8260C	
Chloroethane	ND	8.3	0.83	ug/Kg	1	11/12/16	JLI	SW8260C	
Chloroform	ND	8.3	0.83	ug/Kg	1	11/12/16	JLI	SW8260C	
Chloromethane	ND	8.3	1.7	ug/Kg	1	11/12/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	8.3	0.83	ug/Kg	1	11/12/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	8.3	0.83	ug/Kg	1	11/12/16	JLI	SW8260C	
Dibromochloromethane	ND	8.3	1.7	ug/Kg	1	11/12/16	JLI	SW8260C	
Dibromomethane	ND	8.3	1.7	ug/Kg	1	11/12/16	JLI	SW8260C	
Dichlorodifluoromethane	ND	8.3	0.83	ug/Kg	1	11/12/16	JLI	SW8260C	
Ethylbenzene	ND	8.3	0.83	ug/Kg	1	11/12/16	JLI	SW8260C	
Hexachlorobutadiene	ND	270	27	ug/Kg	50	11/14/16	JLI	SW8260C	
Isopropylbenzene	ND	270	27	ug/Kg	50	11/14/16	JLI	SW8260C	
m&p-Xylene	ND	8.3	1.7	ug/Kg	1	11/12/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND	50	8.3	ug/Kg	1	11/12/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	17	1.7	ug/Kg	1	11/12/16	JLI	SW8260C	
Methylene chloride	ND	8.3	8.3	ug/Kg	1	11/12/16	JLI	SW8260C	
Naphthalene	ND	270	55	ug/Kg	50	11/14/16	JLI	SW8260C	
n-Butylbenzene	ND	270	27	ug/Kg	50	11/14/16	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	ND	270	55	ug/Kg	50	11/14/16	JLI	SW8260C	
o-Xylene	ND	8.3	1.7	ug/Kg	1	11/12/16	JLI	SW8260C	
p-Isopropyltoluene	ND	270	27	ug/Kg	50	11/14/16	JLI	SW8260C	
sec-Butylbenzene	ND	270	27	ug/Kg	50	11/14/16	JLI	SW8260C	
Styrene	ND	8.3	0.83	ug/Kg	1	11/12/16	JLI	SW8260C	
tert-Butylbenzene	ND	270	27	ug/Kg	50	11/14/16	JLI	SW8260C	
Tetrachloroethene	ND	8.3	1.7	ug/Kg	1	11/12/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	17	4.1	ug/Kg	1	11/12/16	JLI	SW8260C	1
Toluene	ND	8.3	0.83	ug/Kg	1	11/12/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	8.3	0.83	ug/Kg	1	11/12/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	8.3	0.83	ug/Kg	1	11/12/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	550	140	ug/Kg	50	11/14/16	JLI	SW8260C	
Trichloroethene	ND	8.3	0.83	ug/Kg	1	11/12/16	JLI	SW8260C	
Trichlorofluoromethane	ND	8.3	1.7	ug/Kg	1	11/12/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	8.3	0.83	ug/Kg	1	11/12/16	JLI	SW8260C	
Vinyl chloride	ND	8.3	0.83	ug/Kg	1	11/12/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99			%	50	11/14/16	JLI	70 - 130 %	
% Bromofluorobenzene	100			%	50	11/14/16	JLI	70 - 130 %	
% Dibromofluoromethane	97			%	1	11/12/16	JLI	70 - 130 %	
% Toluene-d8	97			%	1	11/12/16	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	100	66	ug/kg	1	11/12/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	103			%	1	11/12/16	JLI	70 - 130 %	
% Bromofluorobenzene	85			%	1	11/12/16	JLI	70 - 130 %	
% Toluene-d8	97			%	1	11/12/16	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	33	1.7	ug/Kg	1	11/12/16	JLI	SW8260C	
Acrolein	ND	33	4.1	ug/Kg	1	11/12/16	JLI	SW8260C	
Acrylonitrile	ND	33	0.83	ug/Kg	1	11/12/16	JLI	SW8260C	
Tert-butyl alcohol	ND	170	33	ug/Kg	1	11/12/16	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	1	11/12/16	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D	
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	1	11/12/16	DD	SW8270D	
1,3-Dichlorobenzene	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D	
1,4-Dichlorobenzene	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	11/12/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND	200	120	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dichlorophenol	ND	200	140	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dimethylphenol	ND	270	97	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dinitrophenol	ND	270	270	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dinitrotoluene	ND	200	150	ug/Kg	1	11/12/16	DD	SW8270D	
2,6-Dinitrotoluene	ND	200	120	ug/Kg	1	11/12/16	DD	SW8270D	
2-Chloronaphthalene	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Chlorophenol	ND		270	110	ug/Kg	1	11/12/16	DD	SW8270D	
2-Methylnaphthalene	ND		270	120	ug/Kg	1	11/12/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		270	180	ug/Kg	1	11/12/16	DD	SW8270D	
2-Nitroaniline	ND		270	270	ug/Kg	1	11/12/16	DD	SW8270D	
2-Nitrophenol	ND		270	250	ug/Kg	1	11/12/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		270	150	ug/Kg	1	11/12/16	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		200	180	ug/Kg	1	11/12/16	DD	SW8270D	
3-Nitroaniline	ND		390	780	ug/Kg	1	11/12/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		230	78	ug/Kg	1	11/12/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		270	110	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND		270	140	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chloroaniline	ND		310	180	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		270	130	ug/Kg	1	11/12/16	DD	SW8270D	
4-Nitroaniline	ND		390	130	ug/Kg	1	11/12/16	DD	SW8270D	
4-Nitrophenol	ND		390	180	ug/Kg	1	11/12/16	DD	SW8270D	
Acenaphthene	ND		270	120	ug/Kg	1	11/12/16	DD	SW8270D	
Acenaphthylene	ND		270	110	ug/Kg	1	11/12/16	DD	SW8270D	
Acetophenone	ND		270	120	ug/Kg	1	11/12/16	DD	SW8270D	
Aniline	ND		310	310	ug/Kg	1	11/12/16	DD	SW8270D	
Anthracene	ND		270	130	ug/Kg	1	11/12/16	DD	SW8270D	
Benz(a)anthracene	340		270	130	ug/Kg	1	11/12/16	DD	SW8270D	
Benzidine	ND		390	230	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(a)pyrene	330		200	130	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(b)fluoranthene	270	J	270	130	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(ghi)perylene	170	J	270	130	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(k)fluoranthene	280		270	130	ug/Kg	1	11/12/16	DD	SW8270D	
Benzoic acid	ND		2000	780	ug/Kg	1	11/12/16	DD	SW8270D	1
Benzyl butyl phthalate	ND		270	100	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		270	110	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		200	110	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		270	110	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		270	110	ug/Kg	1	11/12/16	DD	SW8270D	
Carbazole	ND		200	160	ug/Kg	1	11/12/16	DD	SW8270D	
Chrysene	360		270	130	ug/Kg	1	11/12/16	DD	SW8270D	
Dibenz(a,h)anthracene	ND		200	130	ug/Kg	1	11/12/16	DD	SW8270D	
Dibenzofuran	ND		270	110	ug/Kg	1	11/12/16	DD	SW8270D	
Diethyl phthalate	ND		270	120	ug/Kg	1	11/12/16	DD	SW8270D	
Dimethylphthalate	ND		270	120	ug/Kg	1	11/12/16	DD	SW8270D	
Di-n-butylphthalate	ND		270	100	ug/Kg	1	11/12/16	DD	SW8270D	
Di-n-octylphthalate	ND		270	100	ug/Kg	1	11/12/16	DD	SW8270D	
Fluoranthene	550		270	130	ug/Kg	1	11/12/16	DD	SW8270D	
Fluorene	ND		270	130	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorobenzene	ND		200	110	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorobutadiene	ND		270	140	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorocyclopentadiene	ND		270	120	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachloroethane	ND		200	120	ug/Kg	1	11/12/16	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	230	J	270	130	ug/Kg	1	11/12/16	DD	SW8270D	
Isophorone	ND		200	110	ug/Kg	1	11/12/16	DD	SW8270D	
Naphthalene	ND		270	110	ug/Kg	1	11/12/16	DD	SW8270D	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	200	140	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND	270	150	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND	230	150	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	560	270	110	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND	270	120	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	460	270	130	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND	270	96	ug/Kg	1	11/12/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	82			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	71			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	50			%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	73			%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	66			%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	61			%	1	11/12/16	DD	30 - 130 %

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/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile Comment:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
November 28, 2016
Reviewed and Released by: Jon Carlson, Project Manager

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

Analysis Report

November 28, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/10/16	
Location Code:	EBC	Received by:	LB	11/11/16	15:41
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV81727
Phoenix ID: BV81736

Project ID: 260 W126TH ST., NY, NY
Client ID: SB7 10-12

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	ND		0.35	0.35	mg/Kg	1	11/12/16	LK	SW6010C	
Aluminum	9970		35	6.9	mg/Kg	10	11/12/16	LK	SW6010C	
Arsenic	2.71		0.69	0.69	mg/Kg	1	11/12/16	LK	SW6010C	
Barium	131		0.7	0.35	mg/Kg	1	11/12/16	LK	SW6010C	
Beryllium	0.45		0.28	0.14	mg/Kg	1	11/12/16	LK	SW6010C	
Calcium	6460		3.5	3.2	mg/Kg	1	11/12/16	LK	SW6010C	
Cadmium	0.51		0.35	0.35	mg/Kg	1	11/12/16	LK	SW6010C	
Cobalt	11.3		0.35	0.35	mg/Kg	1	11/12/16	LK	SW6010C	
Chromium	35.5		0.35	0.35	mg/Kg	1	11/12/16	LK	SW6010C	
Copper	64.5		0.35	0.35	mg/kg	1	11/12/16	LK	SW6010C	
Iron	21100		35	35	mg/Kg	10	11/12/16	LK	SW6010C	
Mercury	0.42		0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B	
Potassium	1260	N	7	2.7	mg/Kg	1	11/12/16	LK	SW6010C	
Magnesium	3820		3.5	3.5	mg/Kg	1	11/12/16	LK	SW6010C	
Manganese	469		3.5	3.5	mg/Kg	10	11/12/16	LK	SW6010C	
Sodium	1040	N	7	3.0	mg/Kg	1	11/12/16	LK	SW6010C	
Nickel	26.2		0.35	0.35	mg/Kg	1	11/12/16	LK	SW6010C	
Lead	58.3		0.7	0.35	mg/Kg	1	11/12/16	LK	SW6010C	B
Antimony	ND		1.7	1.7	mg/Kg	1	11/12/16	LK	SW6010C	
Selenium	ND		1.4	1.2	mg/Kg	1	11/12/16	LK	SW6010C	
Thallium	ND		1.4	1.4	mg/Kg	1	11/12/16	LK	SW6010C	
Vanadium	51.1		0.35	0.35	mg/Kg	1	11/12/16	LK	SW6010C	
Zinc	83.5		0.7	0.35	mg/Kg	1	11/12/16	LK	SW6010C	
Percent Solid	94				%		11/11/16	W	SW846-%Solid	
Soil Extraction for PCB	Completed						11/11/16	NC/V	SW3545A	
Soil Extraction for Pest	Completed						11/11/16	NC/V	SW3545A	
Soil Extraction for SVOA	Completed						11/11/16	NJ/CKV	SW3545A	
Mercury Digestion	Completed						11/14/16	W/W	SW7471B	

Ver 2

Project ID: 260 W126TH ST., NY, NY
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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/11/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	70	70	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1221	ND	70	70	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1232	ND	70	70	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1242	ND	70	70	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1248	ND	70	70	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1254	ND	70	70	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1260	ND	70	70	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1262	ND	70	70	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1268	ND	70	70	ug/Kg	2	11/14/16	AW	SW8082A
QA/QC Surrogates								
% DCBP	71			%	2	11/14/16	AW	40 - 140 %
% TCMX	70			%	2	11/14/16	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.1	2.1	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDE	ND	2.1	2.1	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDT	ND	2.1	2.1	ug/Kg	2	11/16/16	CE	SW8081B
a-BHC	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
a-Chlordane	ND	3.5	3.5	ug/Kg	2	11/16/16	CE	SW8081B
Aldrin	ND	3.5	3.5	ug/Kg	2	11/16/16	CE	SW8081B
b-BHC	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Chlordane	ND	35	35	ug/Kg	2	11/16/16	CE	SW8081B
d-BHC	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Dieldrin	ND	3.5	3.5	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan I	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan II	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan sulfate	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Endrin	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Endrin aldehyde	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Endrin ketone	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	11/16/16	CE	SW8081B
g-Chlordane	ND	3.5	3.5	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor epoxide	ND	7.0	7.0	ug/Kg	2	11/16/16	CE	SW8081B
Methoxychlor	ND	35	35	ug/Kg	2	11/16/16	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	11/16/16	CE	SW8081B
QA/QC Surrogates								
% DCBP	64			%	2	11/16/16	CE	40 - 140 %
% TCMX	67			%	2	11/16/16	CE	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.2	1.0	ug/Kg	1	11/12/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.2	1.0	ug/Kg	1	11/12/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.2	1.0	ug/Kg	1	11/12/16	JLI	SW8260C
1,1-Dichloroethane	ND	5.2	1.0	ug/Kg	1	11/12/16	JLI	SW8260C

Project ID: 260 W126TH ST., NY, NY
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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloroethene	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
1,1-Dichloropropene	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		5.2	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		5.2	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		5.2	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dibromoethane	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dichloroethane	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dichloropropane	ND		5.2	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
1,3-Dichloropropane	ND		5.2	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
2,2-Dichloropropane	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
2-Chlorotoluene	ND		5.2	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
2-Hexanone	ND		26	5.2	ug/Kg	1	11/12/16	JLI	SW8260C	
2-Isopropyltoluene	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	1
4-Chlorotoluene	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND		26	5.2	ug/Kg	1	11/12/16	JLI	SW8260C	
Acetone	5.4	JS	26	5.2	ug/Kg	1	11/12/16	JLI	SW8260C	
Acrylonitrile	ND		10	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Benzene	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromobenzene	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromochloromethane	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromodichloromethane	ND		5.2	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromoform	ND		5.2	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromomethane	ND		5.2	2.1	ug/Kg	1	11/12/16	JLI	SW8260C	
Carbon Disulfide	ND		5.2	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Carbon tetrachloride	ND		5.2	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Chlorobenzene	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
Chloroethane	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
Chloroform	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
Chloromethane	ND		5.2	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
Dibromochloromethane	ND		5.2	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Dibromomethane	ND		5.2	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
Ethylbenzene	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
Hexachlorobutadiene	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
Isopropylbenzene	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
m&p-Xylene	ND		5.2	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND		31	5.2	ug/Kg	1	11/12/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		10	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Methylene chloride	ND		5.2	5.2	ug/Kg	1	11/12/16	JLI	SW8260C	
Naphthalene	ND		5.2	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
n-Butylbenzene	ND		5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	ND	5.2	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
o-Xylene	ND	5.2	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
p-Isopropyltoluene	ND	5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
sec-Butylbenzene	ND	5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
Styrene	ND	5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
tert-Butylbenzene	ND	5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
Tetrachloroethene	ND	5.2	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	10	2.6	ug/Kg	1	11/12/16	JLI	SW8260C	1
Toluene	ND	5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	10	2.6	ug/Kg	1	11/12/16	JLI	SW8260C	
Trichloroethene	ND	5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
Trichlorofluoromethane	ND	5.2	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
Vinyl chloride	ND	5.2	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	11/12/16	JLI	70 - 130 %	
% Bromofluorobenzene	91			%	1	11/12/16	JLI	70 - 130 %	
% Dibromofluoromethane	96			%	1	11/12/16	JLI	70 - 130 %	
% Toluene-d8	99			%	1	11/12/16	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	77	41	ug/kg	1	11/12/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	11/12/16	JLI	70 - 130 %	
% Bromofluorobenzene	91			%	1	11/12/16	JLI	70 - 130 %	
% Toluene-d8	99			%	1	11/12/16	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	21	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Acrolein	ND	21	2.6	ug/Kg	1	11/12/16	JLI	SW8260C	
Acrylonitrile	ND	21	0.52	ug/Kg	1	11/12/16	JLI	SW8260C	
Tert-butyl alcohol	ND	100	21	ug/Kg	1	11/12/16	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/12/16	DD	SW8270D	
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	11/12/16	DD	SW8270D	
1,3-Dichlorobenzene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D	
1,4-Dichlorobenzene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	1	11/12/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND	180	110	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dichlorophenol	ND	180	120	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dimethylphenol	ND	250	88	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	11/12/16	DD	SW8270D	
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	11/12/16	DD	SW8270D	
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/12/16	DD	SW8270D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Chlorophenol	ND		250	100	ug/Kg	1	11/12/16	DD	SW8270D	
2-Methylnaphthalene	ND		250	110	ug/Kg	1	11/12/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	1	11/12/16	DD	SW8270D	
2-Nitroaniline	ND		250	250	ug/Kg	1	11/12/16	DD	SW8270D	
2-Nitrophenol	ND		250	220	ug/Kg	1	11/12/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	1	11/12/16	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		180	170	ug/Kg	1	11/12/16	DD	SW8270D	
3-Nitroaniline	ND		350	710	ug/Kg	1	11/12/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		210	71	ug/Kg	1	11/12/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		250	100	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND		250	120	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chloroaniline	ND		280	160	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	1	11/12/16	DD	SW8270D	
4-Nitroaniline	ND		350	120	ug/Kg	1	11/12/16	DD	SW8270D	
4-Nitrophenol	ND		350	160	ug/Kg	1	11/12/16	DD	SW8270D	
Acenaphthene	ND		250	110	ug/Kg	1	11/12/16	DD	SW8270D	
Acenaphthylene	ND		250	99	ug/Kg	1	11/12/16	DD	SW8270D	
Acetophenone	ND		250	110	ug/Kg	1	11/12/16	DD	SW8270D	
Aniline	ND		280	280	ug/Kg	1	11/12/16	DD	SW8270D	
Anthracene	ND		250	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benz(a)anthracene	ND		250	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benzidine	ND		350	210	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(a)pyrene	ND		180	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(b)fluoranthene	ND		250	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(ghi)perylene	ND		250	110	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(k)fluoranthene	ND		250	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benzoic acid	ND		1800	710	ug/Kg	1	11/12/16	DD	SW8270D	1
Benzyl butyl phthalate	ND		250	91	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		250	98	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		180	95	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		250	98	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		250	100	ug/Kg	1	11/12/16	DD	SW8270D	
Carbazole	ND		180	140	ug/Kg	1	11/12/16	DD	SW8270D	
Chrysene	ND		250	120	ug/Kg	1	11/12/16	DD	SW8270D	
Dibenz(a,h)anthracene	ND		180	110	ug/Kg	1	11/12/16	DD	SW8270D	
Dibenzofuran	ND		250	100	ug/Kg	1	11/12/16	DD	SW8270D	
Diethyl phthalate	ND		250	110	ug/Kg	1	11/12/16	DD	SW8270D	
Dimethylphthalate	ND		250	110	ug/Kg	1	11/12/16	DD	SW8270D	
Di-n-butylphthalate	ND		250	94	ug/Kg	1	11/12/16	DD	SW8270D	
Di-n-octylphthalate	ND		250	91	ug/Kg	1	11/12/16	DD	SW8270D	
Fluoranthene	140	J	250	110	ug/Kg	1	11/12/16	DD	SW8270D	
Fluorene	ND		250	120	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorobenzene	ND		180	100	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorobutadiene	ND		250	130	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachloroethane	ND		180	110	ug/Kg	1	11/12/16	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND		250	120	ug/Kg	1	11/12/16	DD	SW8270D	
Isophorone	ND		180	99	ug/Kg	1	11/12/16	DD	SW8270D	
Naphthalene	ND		250	100	ug/Kg	1	11/12/16	DD	SW8270D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND		180	120	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND		250	100	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND		180	110	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND		250	140	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND		250	130	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND		210	130	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	110	J	250	100	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND		250	110	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	120	J	250	120	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND		250	87	ug/Kg	1	11/12/16	DD	SW8270D
QA/QC Surrogates									
% 2,4,6-Tribromophenol	83				%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	70				%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	52				%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	72				%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	69				%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	62				%	1	11/12/16	DD	30 - 130 %

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/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

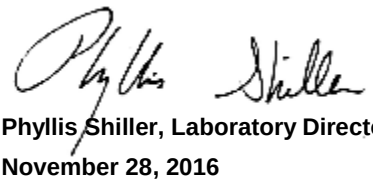
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



Phyllis Shiller, Laboratory Director
November 28, 2016
Reviewed and Released by: Jon Carlson, Project Manager

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

Analysis Report

November 28, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/10/16	
Location Code:	EBC	Received by:	LB	11/11/16	15:41
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV81727
Phoenix ID: BV81737

Project ID: 260 W126TH ST., NY, NY
Client ID: SB8 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	ND		0.31	0.31	mg/Kg	1	11/12/16	LK	SW6010C	
Aluminum	8220		31	6.3	mg/Kg	10	11/12/16	LK	SW6010C	
Arsenic	1.91		0.63	0.63	mg/Kg	1	11/12/16	LK	SW6010C	
Barium	73.6		0.6	0.31	mg/Kg	1	11/12/16	LK	SW6010C	
Beryllium	0.27		0.25	0.13	mg/Kg	1	11/12/16	LK	SW6010C	
Calcium	4000		3.1	2.9	mg/Kg	1	11/12/16	LK	SW6010C	
Cadmium	ND		0.31	0.31	mg/Kg	1	11/12/16	LK	SW6010C	
Cobalt	7.74		0.31	0.31	mg/Kg	1	11/12/16	LK	SW6010C	
Chromium	16.8		0.31	0.31	mg/Kg	1	11/12/16	LK	SW6010C	
Copper	35.3		0.31	0.31	mg/kg	1	11/12/16	LK	SW6010C	
Iron	12400		31	31	mg/Kg	10	11/12/16	LK	SW6010C	
Mercury	0.23		0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B	
Potassium	1700	N	6	2.4	mg/Kg	1	11/12/16	LK	SW6010C	
Magnesium	3240		3.1	3.1	mg/Kg	1	11/12/16	LK	SW6010C	
Manganese	291		3.1	3.1	mg/Kg	10	11/12/16	LK	SW6010C	
Sodium	634	N	6	2.7	mg/Kg	1	11/12/16	LK	SW6010C	
Nickel	15.9		0.31	0.31	mg/Kg	1	11/12/16	LK	SW6010C	
Lead	30.8		0.6	0.31	mg/Kg	1	11/12/16	LK	SW6010C	B
Antimony	ND		1.6	1.6	mg/Kg	1	11/12/16	LK	SW6010C	
Selenium	ND		1.3	1.1	mg/Kg	1	11/12/16	LK	SW6010C	
Thallium	ND		1.3	1.3	mg/Kg	1	11/12/16	LK	SW6010C	
Vanadium	31.5		0.31	0.31	mg/Kg	1	11/12/16	LK	SW6010C	
Zinc	37.5		0.6	0.31	mg/Kg	1	11/12/16	LK	SW6010C	
Percent Solid	95				%		11/11/16	W	SW846-%Solid	
Soil Extraction for PCB	Completed						11/11/16	NC/V	SW3545A	
Soil Extraction for Pest	Completed						11/11/16	NC/V	SW3545A	
Soil Extraction for SVOA	Completed						11/11/16	NJ/CKV	SW3545A	
Mercury Digestion	Completed						11/14/16	W/W	SW7471B	

Ver 2

Project ID: 260 W126TH ST., NY, NY
Client ID: SB8 0-2

Phoenix I.D.: BV81737

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/11/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	69	69	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1221	ND	69	69	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1232	ND	69	69	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1242	ND	69	69	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1248	ND	69	69	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1254	ND	69	69	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1260	ND	69	69	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1262	ND	69	69	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1268	ND	69	69	ug/Kg	2	11/14/16	AW	SW8082A
QA/QC Surrogates								
% DCBP	78			%	2	11/14/16	AW	40 - 140 %
% TCMX	75			%	2	11/14/16	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.1	2.1	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDE	ND	2.1	2.1	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDT	ND	2.1	2.1	ug/Kg	2	11/16/16	CE	SW8081B
a-BHC	ND	6.9	6.9	ug/Kg	2	11/16/16	CE	SW8081B
a-Chlordane	ND	3.4	3.4	ug/Kg	2	11/16/16	CE	SW8081B
Aldrin	ND	3.4	3.4	ug/Kg	2	11/16/16	CE	SW8081B
b-BHC	ND	6.9	6.9	ug/Kg	2	11/16/16	CE	SW8081B
Chlordane	ND	34	34	ug/Kg	2	11/16/16	CE	SW8081B
d-BHC	ND	6.9	6.9	ug/Kg	2	11/16/16	CE	SW8081B
Dieldrin	ND	3.4	3.4	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan I	ND	6.9	6.9	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan II	ND	6.9	6.9	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan sulfate	ND	6.9	6.9	ug/Kg	2	11/16/16	CE	SW8081B
Endrin	ND	6.9	6.9	ug/Kg	2	11/16/16	CE	SW8081B
Endrin aldehyde	ND	6.9	6.9	ug/Kg	2	11/16/16	CE	SW8081B
Endrin ketone	ND	6.9	6.9	ug/Kg	2	11/16/16	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	11/16/16	CE	SW8081B
g-Chlordane	ND	3.4	3.4	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor	ND	6.9	6.9	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor epoxide	ND	6.9	6.9	ug/Kg	2	11/16/16	CE	SW8081B
Methoxychlor	ND	34	34	ug/Kg	2	11/16/16	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	11/16/16	CE	SW8081B
QA/QC Surrogates								
% DCBP	69			%	2	11/16/16	CE	40 - 140 %
% TCMX	63			%	2	11/16/16	CE	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.9	0.98	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.9	0.98	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.9	0.98	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.9	0.98	ug/Kg	1	11/13/16	JLI	SW8260C

Project ID: 260 W126TH ST., NY, NY
Client ID: SB8 0-2

Phoenix I.D.: BV81737

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloroethene	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
1,1-Dichloropropene	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		4.9	0.98	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		4.9	0.98	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		4.9	0.98	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2-Dibromoethane	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2-Dichloroethane	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2-Dichloropropane	ND		4.9	0.98	ug/Kg	1	11/13/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
1,3-Dichloropropane	ND		4.9	0.98	ug/Kg	1	11/13/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
2,2-Dichloropropane	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
2-Chlorotoluene	ND		4.9	0.98	ug/Kg	1	11/13/16	JLI	SW8260C	
2-Hexanone	ND		24	4.9	ug/Kg	1	11/13/16	JLI	SW8260C	
2-Isopropyltoluene	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	1
4-Chlorotoluene	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND		24	4.9	ug/Kg	1	11/13/16	JLI	SW8260C	
Acetone	ND		24	4.9	ug/Kg	1	11/13/16	JLI	SW8260C	
Acrylonitrile	ND		9.8	0.98	ug/Kg	1	11/13/16	JLI	SW8260C	
Benzene	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
Bromobenzene	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
Bromochloromethane	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
Bromodichloromethane	ND		4.9	0.98	ug/Kg	1	11/13/16	JLI	SW8260C	
Bromoform	ND		4.9	0.98	ug/Kg	1	11/13/16	JLI	SW8260C	
Bromomethane	ND		4.9	2.0	ug/Kg	1	11/13/16	JLI	SW8260C	
Carbon Disulfide	ND		4.9	0.98	ug/Kg	1	11/13/16	JLI	SW8260C	
Carbon tetrachloride	ND		4.9	0.98	ug/Kg	1	11/13/16	JLI	SW8260C	
Chlorobenzene	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
Chloroethane	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
Chloroform	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
Chloromethane	ND		4.9	0.98	ug/Kg	1	11/13/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
Dibromochloromethane	ND		4.9	0.98	ug/Kg	1	11/13/16	JLI	SW8260C	
Dibromomethane	ND		4.9	0.98	ug/Kg	1	11/13/16	JLI	SW8260C	
Dichlorodifluoromethane	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
Ethylbenzene	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
Hexachlorobutadiene	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
Isopropylbenzene	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
m&p-Xylene	ND		4.9	0.98	ug/Kg	1	11/13/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND		29	4.9	ug/Kg	1	11/13/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		9.8	0.98	ug/Kg	1	11/13/16	JLI	SW8260C	
Methylene chloride	ND		4.9	4.9	ug/Kg	1	11/13/16	JLI	SW8260C	
Naphthalene	200	J	270	54	ug/Kg	50	11/14/16	JLI	SW8260C	
n-Butylbenzene	ND		4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	ND	4.9	0.98	ug/Kg	1	11/13/16	JLI	SW8260C	
o-Xylene	ND	4.9	0.98	ug/Kg	1	11/13/16	JLI	SW8260C	
p-Isopropyltoluene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
sec-Butylbenzene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
Styrene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
tert-Butylbenzene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
Tetrachloroethene	ND	4.9	0.98	ug/Kg	1	11/13/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	9.8	2.4	ug/Kg	1	11/13/16	JLI	SW8260C	1
Toluene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	9.8	2.4	ug/Kg	1	11/13/16	JLI	SW8260C	
Trichloroethene	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
Trichlorofluoromethane	ND	4.9	0.98	ug/Kg	1	11/13/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
Vinyl chloride	ND	4.9	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	11/13/16	JLI	70 - 130 %	
% Bromofluorobenzene	98			%	1	11/13/16	JLI	70 - 130 %	
% Dibromofluoromethane	96			%	1	11/13/16	JLI	70 - 130 %	
% Toluene-d8	100			%	1	11/13/16	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	73	39	ug/kg	1	11/13/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	11/13/16	JLI	70 - 130 %	
% Bromofluorobenzene	98			%	1	11/13/16	JLI	70 - 130 %	
% Toluene-d8	100			%	1	11/13/16	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	20	0.98	ug/Kg	1	11/13/16	JLI	SW8260C	
Acrolein	ND	20	2.4	ug/Kg	1	11/13/16	JLI	SW8260C	
Acrylonitrile	ND	20	0.49	ug/Kg	1	11/13/16	JLI	SW8260C	
Tert-butyl alcohol	ND	98	20	ug/Kg	1	11/13/16	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	11/12/16	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	1	11/12/16	DD	SW8270D	
1,2-Dichlorobenzene	ND	240	96	ug/Kg	1	11/12/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
1,3-Dichlorobenzene	ND	240	100	ug/Kg	1	11/12/16	DD	SW8270D	
1,4-Dichlorobenzene	ND	240	100	ug/Kg	1	11/12/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	1	11/12/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND	170	110	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dichlorophenol	ND	170	120	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dimethylphenol	ND	240	84	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dinitrophenol	ND	240	240	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	130	ug/Kg	1	11/12/16	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	110	ug/Kg	1	11/12/16	DD	SW8270D	
2-Chloronaphthalene	ND	240	96	ug/Kg	1	11/12/16	DD	SW8270D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Chlorophenol	ND		240	96	ug/Kg	1	11/12/16	DD	SW8270D	
2-Methylnaphthalene	ND		240	100	ug/Kg	1	11/12/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		240	160	ug/Kg	1	11/12/16	DD	SW8270D	
2-Nitroaniline	ND		240	240	ug/Kg	1	11/12/16	DD	SW8270D	
2-Nitrophenol	ND		240	220	ug/Kg	1	11/12/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		240	130	ug/Kg	1	11/12/16	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		170	160	ug/Kg	1	11/12/16	DD	SW8270D	
3-Nitroaniline	ND		340	680	ug/Kg	1	11/12/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		200	68	ug/Kg	1	11/12/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		240	100	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND		240	120	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chloroaniline	ND		270	160	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		240	110	ug/Kg	1	11/12/16	DD	SW8270D	
4-Nitroaniline	ND		340	110	ug/Kg	1	11/12/16	DD	SW8270D	
4-Nitrophenol	ND		340	150	ug/Kg	1	11/12/16	DD	SW8270D	
Acenaphthene	ND		240	100	ug/Kg	1	11/12/16	DD	SW8270D	
Acenaphthylene	ND		240	95	ug/Kg	1	11/12/16	DD	SW8270D	
Acetophenone	ND		240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Aniline	ND		270	270	ug/Kg	1	11/12/16	DD	SW8270D	
Anthracene	ND		240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Benz(a)anthracene	140	J	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Benzidine	ND		340	200	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(a)pyrene	120	J	170	110	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(b)fluoranthene	ND		240	120	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(ghi)perylene	ND		240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(k)fluoranthene	120	J	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Benzoic acid	ND		1700	680	ug/Kg	1	11/12/16	DD	SW8270D	1
Benzyl butyl phthalate	ND		240	88	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		240	94	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		170	92	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		240	94	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		240	98	ug/Kg	1	11/12/16	DD	SW8270D	
Carbazole	ND		170	140	ug/Kg	1	11/12/16	DD	SW8270D	
Chrysene	140	J	240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Dibenz(a,h)anthracene	ND		170	110	ug/Kg	1	11/12/16	DD	SW8270D	
Dibenzofuran	ND		240	99	ug/Kg	1	11/12/16	DD	SW8270D	
Diethyl phthalate	ND		240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Dimethylphthalate	ND		240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Di-n-butylphthalate	ND		240	90	ug/Kg	1	11/12/16	DD	SW8270D	
Di-n-octylphthalate	ND		240	88	ug/Kg	1	11/12/16	DD	SW8270D	
Fluoranthene	270		240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Fluorene	ND		240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorobenzene	ND		170	99	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorobutadiene	ND		240	120	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorocyclopentadiene	ND		240	100	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachloroethane	ND		170	100	ug/Kg	1	11/12/16	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND		240	110	ug/Kg	1	11/12/16	DD	SW8270D	
Isophorone	ND		170	95	ug/Kg	1	11/12/16	DD	SW8270D	
Naphthalene	ND		240	98	ug/Kg	1	11/12/16	DD	SW8270D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND		170	120	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND		240	96	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND		170	110	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND		240	130	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND		240	130	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND		200	130	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	290		240	97	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND		240	110	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	210	J	240	120	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND		240	84	ug/Kg	1	11/12/16	DD	SW8270D
QA/QC Surrogates									
% 2,4,6-Tribromophenol	80				%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	75				%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	52				%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	75				%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	70				%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	67				%	1	11/12/16	DD	30 - 130 %

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/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

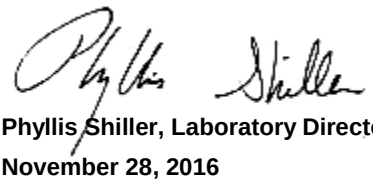
Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



Phyllis Shiller, Laboratory Director
November 28, 2016
Reviewed and Released by: Jon Carlson, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

November 28, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/10/16	
Location Code:	EBC	Received by:	LB	11/11/16	15:41
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV81727
Phoenix ID: BV81738

Project ID: 260 W126TH ST., NY, NY
Client ID: SB8 10-12

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	ND		0.41	0.41	mg/Kg	1	11/12/16	LK	SW6010C	
Aluminum	7930		41	8.3	mg/Kg	10	11/12/16	LK	SW6010C	
Arsenic	7.13		0.83	0.83	mg/Kg	1	11/12/16	LK	SW6010C	
Barium	703		0.8	0.41	mg/Kg	1	11/12/16	LK	SW6010C	
Beryllium	0.34		0.33	0.17	mg/Kg	1	11/12/16	LK	SW6010C	
Calcium	59700		41	38	mg/Kg	10	11/12/16	LK	SW6010C	
Cadmium	ND		0.41	0.41	mg/Kg	1	11/12/16	LK	SW6010C	
Cobalt	5.90		0.41	0.41	mg/Kg	1	11/12/16	LK	SW6010C	
Chromium	17.5		0.41	0.41	mg/Kg	1	11/12/16	LK	SW6010C	
Copper	19.6		0.41	0.41	mg/kg	1	11/12/16	LK	SW6010C	
Iron	11500		41	41	mg/Kg	10	11/12/16	LK	SW6010C	
Mercury	0.75		0.03	0.02	mg/Kg	1	11/14/16	RS	SW7471B	
Potassium	857	N	83	32	mg/Kg	10	11/12/16	LK	SW6010C	
Magnesium	3290		4.1	4.1	mg/Kg	1	11/12/16	LK	SW6010C	
Manganese	272		4.1	4.1	mg/Kg	10	11/12/16	LK	SW6010C	
Sodium	481	N	83	36	mg/Kg	10	11/12/16	LK	SW6010C	
Nickel	13.6		0.41	0.41	mg/Kg	1	11/12/16	LK	SW6010C	
Lead	782		8.3	4.1	mg/Kg	10	11/12/16	LK	SW6010C	B
Antimony	ND		2.1	2.1	mg/Kg	1	11/12/16	LK	SW6010C	
Selenium	ND		1.7	1.4	mg/Kg	1	11/12/16	LK	SW6010C	
Thallium	ND		1.7	1.7	mg/Kg	1	11/12/16	LK	SW6010C	
Vanadium	23.5		0.41	0.41	mg/Kg	1	11/12/16	LK	SW6010C	
Zinc	400		8.3	4.1	mg/Kg	10	11/12/16	LK	SW6010C	
Percent Solid	84				%		11/11/16	W	SW846-%Solid	
Soil Extraction for PCB	Completed						11/11/16	NC/V	SW3545A	
Soil Extraction for Pest	Completed						11/11/16	NC/V	SW3545A	
Soil Extraction for SVOA	Completed						11/11/16	NJ/CKV	SW3545A	
Mercury Digestion	Completed						11/14/16	W/W	SW7471B	

Ver 2

Project ID: 260 W126TH ST., NY, NY
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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/11/16	X/AG	SW3050B
Field Extraction	Completed					11/10/16		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	79	79	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1221	ND	79	79	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1232	ND	79	79	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1242	ND	79	79	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1248	ND	79	79	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1254	ND	79	79	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1260	ND	79	79	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1262	ND	79	79	ug/Kg	2	11/14/16	AW	SW8082A
PCB-1268	ND	79	79	ug/Kg	2	11/14/16	AW	SW8082A
QA/QC Surrogates								
% DCBP	83			%	2	11/14/16	AW	40 - 140 %
% TCMX	83			%	2	11/14/16	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.4	2.4	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	11/16/16	CE	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	11/16/16	CE	SW8081B
a-BHC	ND	7.9	7.9	ug/Kg	2	11/16/16	CE	SW8081B
a-Chlordane	ND	3.9	3.9	ug/Kg	2	11/16/16	CE	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	11/16/16	CE	SW8081B
b-BHC	ND	7.9	7.9	ug/Kg	2	11/16/16	CE	SW8081B
Chlordane	ND	39	39	ug/Kg	2	11/16/16	CE	SW8081B
d-BHC	ND	7.9	7.9	ug/Kg	2	11/16/16	CE	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan I	ND	7.9	7.9	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan II	ND	7.9	7.9	ug/Kg	2	11/16/16	CE	SW8081B
Endosulfan sulfate	ND	7.9	7.9	ug/Kg	2	11/16/16	CE	SW8081B
Endrin	ND	7.9	7.9	ug/Kg	2	11/16/16	CE	SW8081B
Endrin aldehyde	ND	7.9	7.9	ug/Kg	2	11/16/16	CE	SW8081B
Endrin ketone	ND	7.9	7.9	ug/Kg	2	11/16/16	CE	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	11/16/16	CE	SW8081B
g-Chlordane	ND	3.9	3.9	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor	ND	7.9	7.9	ug/Kg	2	11/16/16	CE	SW8081B
Heptachlor epoxide	ND	7.9	7.9	ug/Kg	2	11/16/16	CE	SW8081B
Methoxychlor	ND	39	39	ug/Kg	2	11/16/16	CE	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	11/16/16	CE	SW8081B
QA/QC Surrogates								
% DCBP	87			%	2	11/16/16	CE	40 - 140 %
% TCMX	69			%	2	11/16/16	CE	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	6.2	1.2	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.2	1.2	ug/Kg	1	11/13/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.2	1.2	ug/Kg	1	11/13/16	JLI	SW8260C
1,1-Dichloroethane	ND	6.2	1.2	ug/Kg	1	11/13/16	JLI	SW8260C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloroethene	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
1,1-Dichloropropene	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		6.2	1.2	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		6.2	1.2	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		6.2	1.2	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2-Dibromoethane	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2-Dichloroethane	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
1,2-Dichloropropane	ND		6.2	1.2	ug/Kg	1	11/13/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
1,3-Dichloropropane	ND		6.2	1.2	ug/Kg	1	11/13/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
2,2-Dichloropropane	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
2-Chlorotoluene	ND		6.2	1.2	ug/Kg	1	11/13/16	JLI	SW8260C	
2-Hexanone	ND		31	6.2	ug/Kg	1	11/13/16	JLI	SW8260C	
2-Isopropyltoluene	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	1
4-Chlorotoluene	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND		31	6.2	ug/Kg	1	11/13/16	JLI	SW8260C	
Acetone	9.5	JS	31	6.2	ug/Kg	1	11/13/16	JLI	SW8260C	
Acrylonitrile	ND		12	1.2	ug/Kg	1	11/13/16	JLI	SW8260C	
Benzene	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
Bromobenzene	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
Bromochloromethane	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
Bromodichloromethane	ND		6.2	1.2	ug/Kg	1	11/13/16	JLI	SW8260C	
Bromoform	ND		6.2	1.2	ug/Kg	1	11/13/16	JLI	SW8260C	
Bromomethane	ND		6.2	2.5	ug/Kg	1	11/13/16	JLI	SW8260C	
Carbon Disulfide	ND		6.2	1.2	ug/Kg	1	11/13/16	JLI	SW8260C	
Carbon tetrachloride	ND		6.2	1.2	ug/Kg	1	11/13/16	JLI	SW8260C	
Chlorobenzene	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
Chloroethane	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
Chloroform	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
Chloromethane	ND		6.2	1.2	ug/Kg	1	11/13/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
Dibromochloromethane	ND		6.2	1.2	ug/Kg	1	11/13/16	JLI	SW8260C	
Dibromomethane	ND		6.2	1.2	ug/Kg	1	11/13/16	JLI	SW8260C	
Dichlorodifluoromethane	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
Ethylbenzene	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
Hexachlorobutadiene	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
Isopropylbenzene	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
m&p-Xylene	ND		6.2	1.2	ug/Kg	1	11/13/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND		37	6.2	ug/Kg	1	11/13/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		12	1.2	ug/Kg	1	11/13/16	JLI	SW8260C	
Methylene chloride	ND		6.2	6.2	ug/Kg	1	11/13/16	JLI	SW8260C	
Naphthalene	1.3	J	6.2	1.2	ug/Kg	1	11/13/16	JLI	SW8260C	
n-Butylbenzene	ND		6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	ND	6.2	1.2	ug/Kg	1	11/13/16	JLI	SW8260C	
o-Xylene	ND	6.2	1.2	ug/Kg	1	11/13/16	JLI	SW8260C	
p-Isopropyltoluene	ND	6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
sec-Butylbenzene	ND	6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
Styrene	ND	6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
tert-Butylbenzene	ND	6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
Tetrachloroethene	ND	6.2	1.2	ug/Kg	1	11/13/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	12	3.1	ug/Kg	1	11/13/16	JLI	SW8260C	1
Toluene	ND	6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	12	3.1	ug/Kg	1	11/13/16	JLI	SW8260C	
Trichloroethene	ND	6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
Trichlorofluoromethane	ND	6.2	1.2	ug/Kg	1	11/13/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
Vinyl chloride	ND	6.2	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98			%	1	11/13/16	JLI	70 - 130 %	
% Bromofluorobenzene	101			%	1	11/13/16	JLI	70 - 130 %	
% Dibromofluoromethane	94			%	1	11/13/16	JLI	70 - 130 %	
% Toluene-d8	101			%	1	11/13/16	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	93	50	ug/kg	1	11/13/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98			%	1	11/13/16	JLI	70 - 130 %	
% Bromofluorobenzene	101			%	1	11/13/16	JLI	70 - 130 %	
% Toluene-d8	101			%	1	11/13/16	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	25	1.2	ug/Kg	1	11/13/16	JLI	SW8260C	
Acrolein	ND	25	3.1	ug/Kg	1	11/13/16	JLI	SW8260C	
Acrylonitrile	ND	25	0.62	ug/Kg	1	11/13/16	JLI	SW8260C	
Tert-butyl alcohol	ND	120	25	ug/Kg	1	11/13/16	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	11/12/16	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D	
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D	
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D	
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	11/12/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	11/12/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dichlorophenol	ND	200	140	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dimethylphenol	ND	280	98	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dinitrophenol	ND	280	280	ug/Kg	1	11/12/16	DD	SW8270D	
2,4-Dinitrotoluene	ND	200	160	ug/Kg	1	11/12/16	DD	SW8270D	
2,6-Dinitrotoluene	ND	200	120	ug/Kg	1	11/12/16	DD	SW8270D	
2-Chloronaphthalene	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Chlorophenol	ND		280	110	ug/Kg	1	11/12/16	DD	SW8270D	
2-Methylnaphthalene	ND		280	120	ug/Kg	1	11/12/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		280	190	ug/Kg	1	11/12/16	DD	SW8270D	
2-Nitroaniline	ND		280	280	ug/Kg	1	11/12/16	DD	SW8270D	
2-Nitrophenol	ND		280	250	ug/Kg	1	11/12/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		280	160	ug/Kg	1	11/12/16	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		200	190	ug/Kg	1	11/12/16	DD	SW8270D	
3-Nitroaniline	ND		390	790	ug/Kg	1	11/12/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		240	79	ug/Kg	1	11/12/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		280	120	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND		280	140	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chloroaniline	ND		320	180	ug/Kg	1	11/12/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		280	130	ug/Kg	1	11/12/16	DD	SW8270D	
4-Nitroaniline	ND		390	130	ug/Kg	1	11/12/16	DD	SW8270D	
4-Nitrophenol	ND		390	180	ug/Kg	1	11/12/16	DD	SW8270D	
Acenaphthene	140	J	280	120	ug/Kg	1	11/12/16	DD	SW8270D	
Acenaphthylene	ND		280	110	ug/Kg	1	11/12/16	DD	SW8270D	
Acetophenone	ND		280	120	ug/Kg	1	11/12/16	DD	SW8270D	
Aniline	ND		320	320	ug/Kg	1	11/12/16	DD	SW8270D	
Anthracene	260	J	280	130	ug/Kg	1	11/12/16	DD	SW8270D	
Benz(a)anthracene	660		280	130	ug/Kg	1	11/12/16	DD	SW8270D	
Benzidine	ND		390	230	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(a)pyrene	650		200	130	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(b)fluoranthene	570		280	130	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(ghi)perylene	330		280	130	ug/Kg	1	11/12/16	DD	SW8270D	
Benzo(k)fluoranthene	630		280	130	ug/Kg	1	11/12/16	DD	SW8270D	
Benzoic acid	ND		2000	790	ug/Kg	1	11/12/16	DD	SW8270D	1
Benzyl butyl phthalate	ND		280	100	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		280	110	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		200	110	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		280	110	ug/Kg	1	11/12/16	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		280	110	ug/Kg	1	11/12/16	DD	SW8270D	
Carbazole	180	J	200	160	ug/Kg	1	11/12/16	DD	SW8270D	
Chrysene	710		280	130	ug/Kg	1	11/12/16	DD	SW8270D	
Dibenz(a,h)anthracene	ND		200	130	ug/Kg	1	11/12/16	DD	SW8270D	
Dibenzofuran	ND		280	120	ug/Kg	1	11/12/16	DD	SW8270D	
Diethyl phthalate	ND		280	120	ug/Kg	1	11/12/16	DD	SW8270D	
Dimethylphthalate	ND		280	120	ug/Kg	1	11/12/16	DD	SW8270D	
Di-n-butylphthalate	ND		280	100	ug/Kg	1	11/12/16	DD	SW8270D	
Di-n-octylphthalate	ND		280	100	ug/Kg	1	11/12/16	DD	SW8270D	
Fluoranthene	1200		280	130	ug/Kg	1	11/12/16	DD	SW8270D	
Fluorene	140	J	280	130	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorobenzene	ND		200	120	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorobutadiene	ND		280	140	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachlorocyclopentadiene	ND		280	120	ug/Kg	1	11/12/16	DD	SW8270D	
Hexachloroethane	ND		200	120	ug/Kg	1	11/12/16	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	430		280	130	ug/Kg	1	11/12/16	DD	SW8270D	
Isophorone	ND		200	110	ug/Kg	1	11/12/16	DD	SW8270D	
Naphthalene	150	J	280	110	ug/Kg	1	11/12/16	DD	SW8270D	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	200	140	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	200	130	ug/Kg	1	11/12/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	1	11/12/16	DD	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	11/12/16	DD	SW8270D
Pentachlorophenol	ND	240	150	ug/Kg	1	11/12/16	DD	SW8270D
Phenanthrene	1200	280	110	ug/Kg	1	11/12/16	DD	SW8270D
Phenol	ND	280	130	ug/Kg	1	11/12/16	DD	SW8270D
Pyrene	1000	280	140	ug/Kg	1	11/12/16	DD	SW8270D
Pyridine	ND	280	97	ug/Kg	1	11/12/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	82			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	74			%	1	11/12/16	DD	30 - 130 %
% 2-Fluorophenol	53			%	1	11/12/16	DD	30 - 130 %
% Nitrobenzene-d5	78			%	1	11/12/16	DD	30 - 130 %
% Phenol-d5	67			%	1	11/12/16	DD	30 - 130 %
% Terphenyl-d14	65			%	1	11/12/16	DD	30 - 130 %

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/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

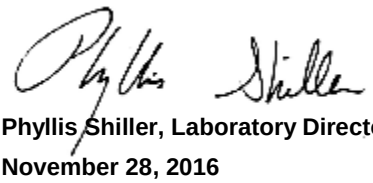
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



Phyllis Shiller, Laboratory Director
November 28, 2016
Reviewed and Released by: Jon Carlson, Project Manager

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

Analysis Report

November 28, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/10/16	
Location Code:	EBC	Received by:	LB	11/11/16	15:41
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV81727
Phoenix ID: BV81739

Project ID: 260 W126TH ST., NY, NY
Client ID: TRIP BLANK HIGH

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed					11/10/16		SW5035A	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	250	50	ug/Kg	50	11/12/16	JLI	SW8260C	
1,1,1-Trichloroethane	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	250	50	ug/Kg	50	11/12/16	JLI	SW8260C	
1,1,2-Trichloroethane	ND	250	50	ug/Kg	50	11/12/16	JLI	SW8260C	
1,1-Dichloroethane	ND	250	50	ug/Kg	50	11/12/16	JLI	SW8260C	
1,1-Dichloroethene	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
1,1-Dichloropropene	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	250	50	ug/Kg	50	11/12/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	250	50	ug/Kg	50	11/12/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	250	50	ug/Kg	50	11/12/16	JLI	SW8260C	
1,2-Dibromoethane	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
1,2-Dichloroethane	ND	25	25	ug/Kg	50	11/12/16	JLI	SW8260C	
1,2-Dichloropropane	ND	250	50	ug/Kg	50	11/12/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
1,3-Dichloropropane	ND	250	50	ug/Kg	50	11/12/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
2,2-Dichloropropane	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
2-Chlorotoluene	ND	250	50	ug/Kg	50	11/12/16	JLI	SW8260C	
2-Hexanone	ND	1300	250	ug/Kg	50	11/12/16	JLI	SW8260C	
2-Isopropyltoluene	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	1
4-Chlorotoluene	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	

Project ID: 260 W126TH ST., NY, NY
Client ID: TRIP BLANK HIGH

Phoenix I.D.: BV81739

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	1300	250	ug/Kg	50	11/12/16	JLI	SW8260C	
Acetone	ND	250	250	ug/Kg	50	11/12/16	JLI	SW8260C	
Acrylonitrile	ND	500	50	ug/Kg	50	11/12/16	JLI	SW8260C	
Benzene	ND	60	25	ug/Kg	50	11/12/16	JLI	SW8260C	
Bromobenzene	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
Bromochloromethane	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
Bromodichloromethane	ND	250	50	ug/Kg	50	11/12/16	JLI	SW8260C	
Bromoform	ND	250	50	ug/Kg	50	11/12/16	JLI	SW8260C	
Bromomethane	ND	250	100	ug/Kg	50	11/12/16	JLI	SW8260C	
Carbon Disulfide	ND	250	50	ug/Kg	50	11/12/16	JLI	SW8260C	
Carbon tetrachloride	ND	250	50	ug/Kg	50	11/12/16	JLI	SW8260C	
Chlorobenzene	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
Chloroethane	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
Chloroform	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
Chloromethane	ND	250	50	ug/Kg	50	11/12/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
Dibromochloromethane	ND	250	50	ug/Kg	50	11/12/16	JLI	SW8260C	
Dibromomethane	ND	250	50	ug/Kg	50	11/12/16	JLI	SW8260C	
Dichlorodifluoromethane	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
Ethylbenzene	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
Hexachlorobutadiene	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
Isopropylbenzene	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
m&p-Xylene	ND	250	50	ug/Kg	50	11/12/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND	250	250	ug/Kg	50	11/12/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	500	50	ug/Kg	50	11/12/16	JLI	SW8260C	
Methylene chloride	ND	250	250	ug/Kg	50	11/12/16	JLI	SW8260C	
Naphthalene	ND	250	50	ug/Kg	50	11/12/16	JLI	SW8260C	
n-Butylbenzene	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
n-Propylbenzene	ND	250	50	ug/Kg	50	11/12/16	JLI	SW8260C	
o-Xylene	ND	250	50	ug/Kg	50	11/12/16	JLI	SW8260C	
p-Isopropyltoluene	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
sec-Butylbenzene	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
Styrene	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
tert-Butylbenzene	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
Tetrachloroethene	ND	250	50	ug/Kg	50	11/12/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	500	130	ug/Kg	50	11/12/16	JLI	SW8260C	1
Toluene	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	190	25	ug/Kg	50	11/12/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	500	130	ug/Kg	50	11/12/16	JLI	SW8260C	
Trichloroethene	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
Trichlorofluoromethane	ND	250	50	ug/Kg	50	11/12/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	250	25	ug/Kg	50	11/12/16	JLI	SW8260C	
Vinyl chloride	ND	25	25	ug/Kg	50	11/12/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98			%	50	11/12/16	JLI	70 - 130 %	
% Bromofluorobenzene	99			%	50	11/12/16	JLI	70 - 130 %	
% Dibromofluoromethane	94			%	50	11/12/16	JLI	70 - 130 %	

Ver 2

Project ID: 260 W126TH ST., NY, NY
Client ID: TRIP BLANK HIGH

Phoenix I.D.: BV81739

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	50	11/12/16	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	2000	2000	ug/kg	50	11/12/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	50	11/12/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	50	11/12/16	JLI	70 - 130 %
% Toluene-d8	100			%	50	11/12/16	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1000	50	ug/Kg	50	11/12/16	JLI	SW8260C
Acrolein	ND	1000	130	ug/Kg	50	11/12/16	JLI	SW8260C
Acrylonitrile	ND	1000	25	ug/Kg	50	11/12/16	JLI	SW8260C
Tert-butyl alcohol	ND	5000	1000	ug/Kg	50	11/12/16	JLI	SW8260C

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

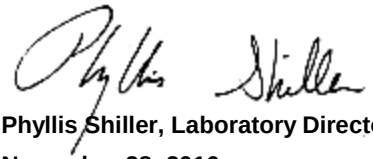
TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

Volatile Comment:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



Phyllis Shiller, Laboratory Director
November 28, 2016
Reviewed and Released by: Jon Carlson, Project Manager

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

Analysis Report

November 28, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/10/16	
Location Code:	EBC	Received by:	LB	11/11/16	15:41
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV81727
Phoenix ID: BV81740

Project ID: 260 W126TH ST., NY, NY
Client ID: TRIP BLANK LOW

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed					11/10/16		SW5035A	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
1,1,2-Trichloroethane	ND	5.0	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
1,1-Dichloroethane	ND	5.0	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
1,1-Dichloroethene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
1,1-Dichloropropene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dibromoethane	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dichloroethane	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
1,2-Dichloropropane	ND	5.0	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
1,3-Dichloropropane	ND	5.0	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
2,2-Dichloropropane	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
2-Chlorotoluene	ND	5.0	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
2-Hexanone	ND	25	5.0	ug/Kg	1	11/12/16	JLI	SW8260C	
2-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	1
4-Chlorotoluene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	

Project ID: 260 W126TH ST., NY, NY
Client ID: TRIP BLANK LOW

Phoenix I.D.: BV81740

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	25	5.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Acetone	ND	25	5.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Acrylonitrile	ND	10	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Benzene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromobenzene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromochloromethane	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromodichloromethane	ND	5.0	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromoform	ND	5.0	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Bromomethane	ND	5.0	2.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Carbon Disulfide	ND	5.0	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Carbon tetrachloride	ND	5.0	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Chlorobenzene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
Chloroethane	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
Chloroform	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
Chloromethane	ND	5.0	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
Dibromochloromethane	ND	5.0	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Dibromomethane	ND	5.0	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
Ethylbenzene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
Hexachlorobutadiene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
Isopropylbenzene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
m&p-Xylene	ND	5.0	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND	30	5.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Methylene chloride	ND	5.0	5.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Naphthalene	ND	5.0	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
n-Butylbenzene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
n-Propylbenzene	ND	5.0	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
o-Xylene	ND	5.0	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
p-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
sec-Butylbenzene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
Styrene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
tert-Butylbenzene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
Tetrachloroethene	ND	5.0	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	11/12/16	JLI	SW8260C	1
Toluene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	10	2.5	ug/Kg	1	11/12/16	JLI	SW8260C	
Trichloroethene	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
Trichlorofluoromethane	ND	5.0	1.0	ug/Kg	1	11/12/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
Vinyl chloride	ND	5.0	0.50	ug/Kg	1	11/12/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99			%	1	11/12/16	JLI	70 - 130 %	
% Bromofluorobenzene	98			%	1	11/12/16	JLI	70 - 130 %	
% Dibromofluoromethane	96			%	1	11/12/16	JLI	70 - 130 %	

Ver 2

Project ID: 260 W126TH ST., NY, NY
Client ID: TRIP BLANK LOW

Phoenix I.D.: BV81740

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	1	11/12/16	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	75	40	ug/kg	1	11/12/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	1	11/12/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/12/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/12/16	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	20	1.0	ug/Kg	1	11/12/16	JLI	SW8260C
Acrolein	ND	20	2.5	ug/Kg	1	11/12/16	JLI	SW8260C
Acrylonitrile	ND	20	0.50	ug/Kg	1	11/12/16	JLI	SW8260C
Tert-butyl alcohol	ND	100	20	ug/Kg	1	11/12/16	JLI	SW8260C

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

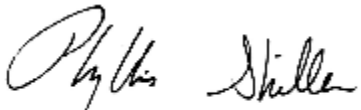
Comments:

TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



Phyllis Shiller, Laboratory Director
November 28, 2016
Reviewed and Released by: Jon Carlson, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

QA/QC Report

November 28, 2016

QA/QC Data

SDG I.D.: GBV81727

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 366615 (mg/kg), QC Sample No: BV80886 (BV81727, BV81728, BV81729, BV81730, BV81731, BV81732, BV81733, BV81734, BV81735, BV81736, BV81737, BV81738)														
Mercury - Soil	BRL	0.03	0.12	0.78	NC	92.4	87.2	5.8	107			75 - 125	30	
QA/QC Batch 366540 (mg/kg), QC Sample No: BV81730 (BV81727, BV81728, BV81729, BV81730, BV81731, BV81732, BV81733, BV81734, BV81735, BV81736, BV81737, BV81738)														
ICP Metals - Soil														
Aluminum	BRL	5.0	7060	6940	1.70	100			NC			80 - 120	30	
Antimony	BRL	3.3	<1.8	<3.3	NC	93.0			81.4			70 - 130	30	
Arsenic	BRL	0.67	1.78	1.42	NC	96.5			90.2			80 - 120	30	
Barium	BRL	0.33	154	120	24.8	98.3			79.6			80 - 120	30	
Beryllium	BRL	0.27	0.36	0.34	NC	100			96.6			80 - 120	30	
Cadmium	BRL	0.33	<0.36	<0.33	NC	92.8			92.0			80 - 120	30	
Calcium	BRL	5.0	6860	6350	7.70	97.4			NC			80 - 120	30	
Chromium	BRL	0.33	16.1	18.5	13.9	109			102			80 - 120	30	
Cobalt	BRL	0.33	9.46	8.28	13.3	98.7			95.2			80 - 120	30	
Copper	BRL	0.33	26.1	27.6	5.60	92.1			103			80 - 120	30	
Iron	BRL	5.0	12400	13500	8.50	101			NC			80 - 120	30	
Lead	0.35	0.33	134	132	1.50	98.9			84.3			80 - 120	30	
Magnesium	BRL	5.0	4460	4580	2.70	102			NC			80 - 120	30	
Manganese	BRL	0.33	357	468	26.9	93.6			94.9			80 - 120	30	
Nickel	BRL	0.33	34.6	28.2	20.4	103			92.2			80 - 120	30	
Potassium	BRL	5.0	1110	1190	7.00	110			>130			80 - 120	30	m
Selenium	BRL	1.3	<1.4	<1.3	NC	80.5			80.3			80 - 120	30	
Silver	BRL	0.33	<0.36	<0.33	NC	96.8			96.0			70 - 130	30	
Sodium	BRL	5.0	591	568	4.00	108			>130			80 - 120	30	m
Thallium	BRL	3.0	<1.4	<3.0	NC	100			96.5			80 - 120	30	
Vanadium	BRL	0.33	22.9	21.6	5.80	111			96.0			80 - 120	30	
Zinc	BRL	0.33	81.5	82.3	1.00	96.8			88.9			80 - 120	30	

m = This parameter is outside laboratory MS/MSD specified recovery limits.

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

November 28, 2016

QA/QC Data

SDG I.D.: GBV81727

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 366775 (ug/kg), QC Sample No: BV78555 (BV81729 (50X) , BV81732, BV81734, BV81735 (50X) , BV81737 (50X))											
Volatiles - Soil											
1,1,1,2-Tetrachloroethane	ND	5.0	101	110	8.5	106	110	3.7	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	89	94	5.5	98	99	1.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	95	101	6.1	102	102	0.0	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	90	95	5.4	98	98	0.0	70 - 130	30	
1,1-Dichloroethane	ND	5.0	86	92	6.7	100	97	3.0	70 - 130	30	
1,1-Dichloroethene	ND	5.0	93	98	5.2	76	74	2.7	70 - 130	30	
1,1-Dichloropropene	ND	5.0	92	97	5.3	101	101	0.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	91	82	10.4	102	107	4.8	70 - 130	30	
1,2,3-Trichloropropane	ND	5.0	91	99	8.4	99	100	1.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	95	93	2.1	101	106	4.8	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	95	98	3.1	103	104	1.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	95	104	9.0	97	101	4.0	70 - 130	30	
1,2-Dibromoethane	ND	5.0	96	102	6.1	103	104	1.0	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	92	96	4.3	101	102	1.0	70 - 130	30	
1,2-Dichloroethane	ND	5.0	93	97	4.2	101	102	1.0	70 - 130	30	
1,2-Dichloropropane	ND	5.0	92	97	5.3	100	100	0.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	96	100	4.1	106	107	0.9	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	94	97	3.1	102	103	1.0	70 - 130	30	
1,3-Dichloropropane	ND	5.0	94	101	7.2	103	103	0.0	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	94	96	2.1	101	102	1.0	70 - 130	30	
1,4-dioxane	ND	100	87	94	7.7	106	106	0.0	70 - 130	30	
2,2-Dichloropropane	ND	5.0	95	100	5.1	103	103	0.0	70 - 130	30	
2-Chlorotoluene	ND	5.0	95	100	5.1	104	105	1.0	70 - 130	30	
2-Hexanone	ND	25	77	84	8.7	86	85	1.2	70 - 130	30	
2-Isopropyltoluene	ND	5.0	93	97	4.2	105	105	0.0	70 - 130	30	
4-Chlorotoluene	ND	5.0	92	96	4.3	100	101	1.0	70 - 130	30	
4-Methyl-2-pentanone	ND	25	79	83	4.9	88	87	1.1	70 - 130	30	
Acetone	ND	10	66	69	4.4	63	58	8.3	70 - 130	30	l,m
Acrolein	ND	25	105	113	7.3	91	89	2.2	70 - 130	30	
Acrylonitrile	ND	5.0	78	84	7.4	102	102	0.0	70 - 130	30	
Benzene	ND	1.0	92	97	5.3	101	100	1.0	70 - 130	30	
Bromobenzene	ND	5.0	94	99	5.2	100	103	3.0	70 - 130	30	
Bromochloromethane	ND	5.0	91	96	5.3	100	100	0.0	70 - 130	30	
Bromodichloromethane	ND	5.0	97	101	4.0	102	104	1.9	70 - 130	30	
Bromoform	ND	5.0	103	110	6.6	103	107	3.8	70 - 130	30	
Bromomethane	ND	5.0	92	83	10.3	69	75	8.3	70 - 130	30	m
Carbon Disulfide	ND	5.0	102	109	6.6	80	80	0.0	70 - 130	30	
Carbon tetrachloride	ND	5.0	96	104	8.0	98	103	5.0	70 - 130	30	
Chlorobenzene	ND	5.0	94	99	5.2	103	104	1.0	70 - 130	30	
Chloroethane	ND	5.0	90	92	2.2	40	41	2.5	70 - 130	30	m
Chloroform	ND	5.0	89	94	5.5	100	100	0.0	70 - 130	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Chloromethane	ND	5.0	85	93	9.0	95	94	1.1	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	91	96	5.3	101	101	0.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	95	100	5.1	101	101	0.0	70 - 130	30	
Dibromochloromethane	ND	3.0	105	114	8.2	108	111	2.7	70 - 130	30	
Dibromomethane	ND	5.0	91	95	4.3	99	99	0.0	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	103	108	4.7	114	115	0.9	70 - 130	30	
Ethylbenzene	ND	1.0	95	102	7.1	107	108	0.9	70 - 130	30	
Hexachlorobutadiene	ND	5.0	93	84	10.2	106	107	0.9	70 - 130	30	
Isopropylbenzene	ND	1.0	94	102	8.2	105	107	1.9	70 - 130	30	
m&p-Xylene	ND	2.0	95	103	8.1	104	104	0.0	70 - 130	30	
Methyl ethyl ketone	ND	5.0	71	72	1.4	77	78	1.3	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	96	101	5.1	105	105	0.0	70 - 130	30	
Methylene chloride	ND	5.0	92	98	6.3	98	98	0.0	70 - 130	30	
Naphthalene	ND	5.0	97	92	5.3	103	112	8.4	70 - 130	30	
n-Butylbenzene	ND	1.0	99	101	2.0	109	110	0.9	70 - 130	30	
n-Propylbenzene	ND	1.0	92	98	6.3	103	103	0.0	70 - 130	30	
o-Xylene	ND	2.0	95	101	6.1	106	107	0.9	70 - 130	30	
p-Isopropyltoluene	ND	1.0	96	100	4.1	108	109	0.9	70 - 130	30	
sec-Butylbenzene	ND	1.0	100	105	4.9	112	113	0.9	70 - 130	30	
Styrene	ND	5.0	98	104	5.9	106	109	2.8	70 - 130	30	
tert-butyl alcohol	ND	100	86	94	8.9	100	101	1.0	70 - 130	30	
tert-Butylbenzene	ND	1.0	93	99	6.3	104	106	1.9	70 - 130	30	
Tetrachloroethene	ND	5.0	93	96	3.2	101	100	1.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	82	85	3.6	93	92	1.1	70 - 130	30	
Toluene	ND	1.0	92	96	4.3	102	101	1.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	97	102	5.0	103	104	1.0	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	95	100	5.1	101	102	1.0	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	98	106	7.8	104	104	0.0	70 - 130	30	
Trichloroethene	ND	5.0	95	98	3.1	104	103	1.0	70 - 130	30	
Trichlorofluoromethane	ND	5.0	86	91	5.6	27	27	0.0	70 - 130	30	m
Trichlorotrifluoroethane	ND	5.0	97	101	4.0	83	83	0.0	70 - 130	30	
Vinyl chloride	ND	5.0	90	97	7.5	100	101	1.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	99	%	99	100	1.0	99	99	0.0	70 - 130	30	
% Bromofluorobenzene	99	%	100	101	1.0	102	102	0.0	70 - 130	30	
% Dibromofluoromethane	96	%	99	98	1.0	95	96	1.0	70 - 130	30	
% Toluene-d8	100	%	100	100	0.0	100	99	1.0	70 - 130	30	

QA/QC Batch 366544 (ug/Kg), QC Sample No: BV81728 2X (BV81727, BV81728, BV81729, BV81730, BV81731, BV81732, BV81733, BV81734, BV81735, BV81736, BV81737, BV81738)

Pesticides - Soil

4,4' -DDD	ND	1.7	116	102	12.8	68	65	4.5	40 - 140	30	
4,4' -DDE	ND	1.7	111	97	13.5	63	67	6.2	40 - 140	30	
4,4' -DDT	ND	1.7	116	102	12.8	67	61	9.4	40 - 140	30	
a-BHC	ND	1.0	99	89	10.6	68	57	17.6	40 - 140	30	
a-Chlordane	ND	3.3	103	91	12.4	59	61	3.3	40 - 140	30	
Aldrin	ND	1.0	103	90	13.5	64	62	3.2	40 - 140	30	
b-BHC	ND	1.0	99	88	11.8	85	81	4.8	40 - 140	30	
Chlordane	ND	33	107	93	14.0	59	57	3.4	40 - 140	30	
d-BHC	ND	3.3	109	100	8.6	76	71	6.8	40 - 140	30	
Dieldrin	ND	1.0	115	101	13.0	68	61	10.9	40 - 140	30	
Endosulfan I	ND	3.3	113	100	12.2	64	65	1.6	40 - 140	30	
Endosulfan II	ND	3.3	118	104	12.6	69	62	10.7	40 - 140	30	
Endosulfan sulfate	ND	3.3	120	115	4.3	67	62	7.8	40 - 140	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Endrin	ND	3.3	116	103	11.9	74	75	1.3	40 - 140	30
Endrin aldehyde	ND	3.3	100	88	12.8	65	61	6.3	40 - 140	30
Endrin ketone	ND	3.3	118	103	13.6	72	67	7.2	40 - 140	30
g-BHC	ND	1.0	102	90	12.5	70	68	2.9	40 - 140	30
g-Chlordane	ND	3.3	107	93	14.0	59	57	3.4	40 - 140	30
Heptachlor	ND	3.3	108	100	7.7	78	64	19.7	40 - 140	30
Heptachlor epoxide	ND	3.3	111	100	10.4	70	60	15.4	40 - 140	30
Methoxychlor	ND	3.3	120	107	11.5	70	67	4.4	40 - 140	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	118	%	118	105	11.7	70	70	0.0	40 - 140	30
% TCMX	92	%	88	82	7.1	73	70	4.2	40 - 140	30

Comment:

Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane. Gamma chlordane recovery is reported as chlordane in the LCS, LCSD, MS and MSD.

QA/QC Batch 366545 (ug/Kg), QC Sample No: BV81728 2X (BV81727, BV81728, BV81729, BV81730, BV81731, BV81732, BV81733, BV81734, BV81735, BV81736, BV81737, BV81738)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	33	81	70	14.6	71	61	15.2	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	74	72	2.7	75	56	29.0	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	68	%	86	83	3.6	79	61	25.7	40 - 140	30
% TCMX (Surrogate Rec)	71	%	85	83	2.4	84	71	16.8	40 - 140	30

QA/QC Batch 366529 (ug/Kg), QC Sample No: BV81728 (BV81727, BV81728, BV81729, BV81730, BV81731, BV81732, BV81733, BV81734, BV81735, BV81736, BV81737, BV81738)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	230	61	61	0.0	55	55	0.0	30 - 130	30
1,2,4-Trichlorobenzene	ND	230	61	59	3.3	57	60	5.1	30 - 130	30
1,2-Dichlorobenzene	ND	180	55	51	7.5	50	54	7.7	30 - 130	30
1,2-Diphenylhydrazine	ND	230	66	68	3.0	54	56	3.6	30 - 130	30
1,3-Dichlorobenzene	ND	230	51	48	6.1	47	51	8.2	30 - 130	30
1,4-Dichlorobenzene	ND	230	52	49	5.9	48	51	6.1	30 - 130	30
2,4,5-Trichlorophenol	ND	230	72	74	2.7	58	62	6.7	30 - 130	30
2,4,6-Trichlorophenol	ND	130	72	74	2.7	63	64	1.6	30 - 130	30
2,4-Dichlorophenol	ND	130	70	70	0.0	60	62	3.3	30 - 130	30
2,4-Dimethylphenol	ND	230	65	62	4.7	55	60	8.7	30 - 130	30
2,4-Dinitrophenol	ND	230	12	13	8.0	47	42	11.2	30 - 130	30
2,4-Dinitrotoluene	ND	130	75	79	5.2	63	65	3.1	30 - 130	30
2,6-Dinitrotoluene	ND	130	74	78	5.3	62	65	4.7	30 - 130	30
2-Chloronaphthalene	ND	230	65	67	3.0	57	60	5.1	30 - 130	30
2-Chlorophenol	ND	230	63	60	4.9	57	61	6.8	30 - 130	30
2-Methylnaphthalene	ND	230	62	62	0.0	57	59	3.4	30 - 130	30
2-Methylphenol (o-cresol)	ND	230	68	65	4.5	60	64	6.5	30 - 130	30
2-Nitroaniline	ND	330	61	66	7.9	63	66	4.7	30 - 130	30
2-Nitrophenol	ND	230	68	66	3.0	63	66	4.7	30 - 130	30
3&4-Methylphenol (m&p-cresol)	ND	230	73	71	2.8	65	70	7.4	30 - 130	30
3,3'-Dichlorobenzidine	ND	130	64	67	4.6	50	48	4.1	30 - 130	30

QA/QC Data

SDG I.D.: GBV81727

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
3-Nitroaniline	ND	330	67	69	2.9	61	65	6.3	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	230	29	33	12.9	62	57	8.4	30 - 130	30	l
4-Bromophenyl phenyl ether	ND	230	70	72	2.8	60	63	4.9	30 - 130	30	
4-Chloro-3-methylphenol	ND	230	75	74	1.3	66	68	3.0	30 - 130	30	
4-Chloroaniline	ND	230	70	66	5.9	60	61	1.7	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	230	71	73	2.8	57	61	6.8	30 - 130	30	
4-Nitroaniline	ND	230	75	79	5.2	65	68	4.5	30 - 130	30	
4-Nitrophenol	ND	230	77	81	5.1	60	65	8.0	30 - 130	30	
Acenaphthene	ND	230	71	73	2.8	59	62	5.0	30 - 130	30	
Acenaphthylene	ND	130	68	69	1.5	57	61	6.8	30 - 130	30	
Acetophenone	ND	230	63	59	6.6	57	61	6.8	30 - 130	30	
Aniline	ND	330	58	56	3.5	50	50	0.0	30 - 130	30	
Anthracene	ND	230	73	73	0.0	60	61	1.7	30 - 130	30	
Benz(a)anthracene	ND	230	73	74	1.4	59	59	0.0	30 - 130	30	
Benzidine	ND	330	30	27	10.5	14	11	24.0	30 - 130	30	l,m
Benzo(a)pyrene	ND	130	73	73	0.0	55	57	3.6	30 - 130	30	
Benzo(b)fluoranthene	ND	160	74	76	2.7	59	60	1.7	30 - 130	30	
Benzo(ghi)perylene	ND	230	64	67	4.6	44	45	2.2	30 - 130	30	
Benzo(k)fluoranthene	ND	230	72	72	0.0	56	62	10.2	30 - 130	30	
Benzoic Acid	ND	330	<10	<10	NC	29	34	15.9	30 - 130	30	l,m
Benzyl butyl phthalate	ND	230	81	82	1.2	61	61	0.0	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	230	70	68	2.9	60	62	3.3	30 - 130	30	
Bis(2-chloroethyl)ether	ND	130	54	51	5.7	49	55	11.5	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	230	56	52	7.4	49	55	11.5	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	230	86	86	0.0	69	75	8.3	30 - 130	30	
Carbazole	ND	230	72	73	1.4	58	59	1.7	30 - 130	30	
Chrysene	ND	230	77	77	0.0	59	60	1.7	30 - 130	30	
Dibenz(a,h)anthracene	ND	130	71	73	2.8	49	51	4.0	30 - 130	30	
Dibenzofuran	ND	230	68	70	2.9	57	59	3.4	30 - 130	30	
Diethyl phthalate	ND	230	74	76	2.7	60	61	1.7	30 - 130	30	
Dimethylphthalate	ND	230	72	73	1.4	59	63	6.6	30 - 130	30	
Di-n-butylphthalate	ND	230	81	81	0.0	59	58	1.7	30 - 130	30	
Di-n-octylphthalate	ND	230	89	90	1.1	68	66	3.0	30 - 130	30	
Fluoranthene	ND	230	74	74	0.0	50	47	6.2	30 - 130	30	
Fluorene	ND	230	72	72	0.0	59	61	3.3	30 - 130	30	
Hexachlorobenzene	ND	130	67	69	2.9	56	56	0.0	30 - 130	30	
Hexachlorobutadiene	ND	230	57	55	3.6	53	55	3.7	30 - 130	30	
Hexachlorocyclopentadiene	ND	230	66	63	4.7	34	29	15.9	30 - 130	30	m
Hexachloroethane	ND	130	53	49	7.8	47	52	10.1	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	230	72	73	1.4	48	47	2.1	30 - 130	30	
Isophorone	ND	130	64	62	3.2	55	58	5.3	30 - 130	30	
Naphthalene	ND	230	63	61	3.2	58	60	3.4	30 - 130	30	
Nitrobenzene	ND	130	63	61	3.2	60	64	6.5	30 - 130	30	
N-Nitrosodimethylamine	ND	230	49	44	10.8	45	42	6.9	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	130	68	69	1.5	63	68	7.6	30 - 130	30	
N-Nitrosodiphenylamine	ND	130	76	79	3.9	62	66	6.3	30 - 130	30	
Pentachloronitrobenzene	ND	230	72	73	1.4	57	58	1.7	30 - 130	30	
Pentachlorophenol	ND	230	60	58	3.4	53	56	5.5	30 - 130	30	
Phenanthrene	ND	130	72	72	0.0	55	55	0.0	30 - 130	30	
Phenol	ND	230	66	64	3.1	59	62	5.0	30 - 130	30	
Pyrene	ND	230	76	76	0.0	50	50	0.0	30 - 130	30	
Pyridine	ND	230	35	30	15.4	31	30	3.3	30 - 130	30	
% 2,4,6-Tribromophenol	69	%	73	74	1.4	62	69	10.7	30 - 130	30	

Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
% 2-Fluorobiphenyl	63	%		64	65	1.6	55	58	5.3	30 - 130	30	
% 2-Fluorophenol	51	%		55	52	5.6	51	52	1.9	30 - 130	30	
% Nitrobenzene-d5	66	%		64	62	3.2	61	67	9.4	30 - 130	30	
% Phenol-d5	64	%		69	66	4.4	63	64	1.6	30 - 130	30	
% Terphenyl-d14	71	%		73	72	1.4	52	53	1.9	30 - 130	30	
QA/QC Batch 366656 (ug/kg), QC Sample No: BV81734 (BV81728, BV81729, BV81730, BV81733, BV81735, BV81736, BV81739 (50X) , BV81740)												
Volatiles - Soil												
1,1,1,2-Tetrachloroethane	ND	5.0		113	112	0.9	90	104	14.4	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0		94	94	0.0	81	91	11.6	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0		105	103	1.9	87	95	8.8	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0		104	102	1.9	87	95	8.8	70 - 130	30	
1,1-Dichloroethane	ND	5.0		89	89	0.0	77	86	11.0	70 - 130	30	
1,1-Dichloroethene	ND	5.0		96	95	1.0	52	56	7.4	70 - 130	30	m
1,1-Dichloropropene	ND	5.0		98	99	1.0	85	96	12.2	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0		97	99	2.0	82	94	13.6	70 - 130	30	
1,2,3-Trichloropropane	ND	5.0		97	98	1.0	81	89	9.4	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0		102	103	1.0	81	95	15.9	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0		99	100	1.0	86	97	12.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0		113	109	3.6	82	93	12.6	70 - 130	30	
1,2-Dibromoethane	ND	5.0		111	108	2.7	92	101	9.3	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0		100	100	0.0	85	95	11.1	70 - 130	30	
1,2-Dichloroethane	ND	5.0		102	100	2.0	87	97	10.9	70 - 130	30	
1,2-Dichloropropane	ND	5.0		101	101	0.0	87	97	10.9	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0		100	102	2.0	87	98	11.9	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0		100	101	1.0	85	95	11.1	70 - 130	30	
1,3-Dichloropropane	ND	5.0		106	104	1.9	91	100	9.4	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0		102	101	1.0	85	95	11.1	70 - 130	30	
1,4-dioxane	ND	100		94	91	3.2	93	98	5.2	70 - 130	30	
2,2-Dichloropropane	ND	5.0		100	100	0.0	84	95	12.3	70 - 130	30	
2-Chlorotoluene	ND	5.0		101	102	1.0	87	97	10.9	70 - 130	30	
2-Hexanone	ND	25		84	79	6.1	74	80	7.8	70 - 130	30	
2-Isopropyltoluene	ND	5.0		89	90	1.1	86	97	12.0	70 - 130	30	
4-Chlorotoluene	ND	5.0		98	100	2.0	83	94	12.4	70 - 130	30	
4-Methyl-2-pentanone	ND	25		84	79	6.1	77	80	3.8	70 - 130	30	
Acetone	ND	10		66	61	7.9	38	32	17.1	70 - 130	30	l,m
Acrolein	ND	25		109	102	6.6	64	58	9.8	70 - 130	30	m
Acrylonitrile	ND	5.0		79	74	6.5	78	81	3.8	70 - 130	30	
Benzene	ND	1.0		100	100	0.0	86	97	12.0	70 - 130	30	
Bromobenzene	ND	5.0		103	103	0.0	86	96	11.0	70 - 130	30	
Bromochloromethane	ND	5.0		102	101	1.0	87	97	10.9	70 - 130	30	
Bromodichloromethane	ND	5.0		106	106	0.0	87	98	11.9	70 - 130	30	
Bromoform	ND	5.0		121	119	1.7	88	101	13.8	70 - 130	30	
Bromomethane	ND	5.0		80	78	2.5	56	68	19.4	70 - 130	30	m
Carbon Disulfide	ND	5.0		94	94	0.0	53	56	5.5	70 - 130	30	m
Carbon tetrachloride	ND	5.0		104	104	0.0	80	94	16.1	70 - 130	30	
Chlorobenzene	ND	5.0		104	104	0.0	89	98	9.6	70 - 130	30	
Chloroethane	ND	5.0		78	77	1.3	34	42	21.1	70 - 130	30	m
Chloroform	ND	5.0		96	95	1.0	84	93	10.2	70 - 130	30	
Chloromethane	ND	5.0		72	71	1.4	82	91	10.4	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0		99	100	1.0	86	96	11.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0		107	106	0.9	88	98	10.8	70 - 130	30	

QA/QC Data

SDG I.D.: GBV81727

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Dibromochloromethane	ND	3.0	122	120	1.7	94	107	12.9	70 - 130	30	
Dibromomethane	ND	5.0	103	102	1.0	87	95	8.8	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	69	67	2.9	103	115	11.0	70 - 130	30	l
Ethylbenzene	ND	1.0	104	104	0.0	91	101	10.4	70 - 130	30	
Hexachlorobutadiene	ND	5.0	90	96	6.5	87	100	13.9	70 - 130	30	
Isopropylbenzene	ND	1.0	99	100	1.0	86	97	12.0	70 - 130	30	
m&p-Xylene	ND	2.0	102	102	0.0	89	99	10.6	70 - 130	30	
Methyl ethyl ketone	ND	5.0	73	69	5.6	69	74	7.0	70 - 130	30	l,m
Methyl t-butyl ether (MTBE)	ND	1.0	99	97	2.0	86	90	4.5	70 - 130	30	
Methylene chloride	ND	5.0	99	98	1.0	75	76	1.3	70 - 130	30	
Naphthalene	ND	5.0	109	109	0.0	84	100	17.4	70 - 130	30	
n-Butylbenzene	ND	1.0	101	101	0.0	88	98	10.8	70 - 130	30	
n-Propylbenzene	ND	1.0	96	98	2.1	84	94	11.2	70 - 130	30	
o-Xylene	ND	2.0	104	104	0.0	90	100	10.5	70 - 130	30	
p-Isopropyltoluene	ND	1.0	100	101	1.0	87	98	11.9	70 - 130	30	
sec-Butylbenzene	ND	1.0	104	104	0.0	92	103	11.3	70 - 130	30	
Styrene	ND	5.0	109	109	0.0	90	100	10.5	70 - 130	30	
tert-butyl alcohol	ND	100	101	101	0.0	89	84	5.8	70 - 130	30	
tert-Butylbenzene	ND	1.0	99	99	0.0	86	98	13.0	70 - 130	30	
Tetrachloroethene	ND	5.0	102	104	1.9	87	96	9.8	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	84	80	4.9	82	90	9.3	70 - 130	30	
Toluene	ND	1.0	101	102	1.0	86	96	11.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	101	102	1.0	80	84	4.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	107	106	0.9	87	97	10.9	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	102	98	4.0	87	96	9.8	70 - 130	30	
Trichloroethene	ND	5.0	103	104	1.0	88	98	10.8	70 - 130	30	
Trichlorofluoromethane	ND	5.0	74	75	1.3	23	32	32.7	70 - 130	30	m,r
Trichlorotrifluoroethane	ND	5.0	87	89	2.3	57	60	5.1	70 - 130	30	m
Vinyl chloride	ND	5.0	77	76	1.3	86	95	9.9	70 - 130	30	
% 1,2-dichlorobenzene-d4	99	%	101	100	1.0	99	99	0.0	70 - 130	30	
% Bromofluorobenzene	98	%	101	101	0.0	102	102	0.0	70 - 130	30	
% Dibromofluoromethane	97	%	100	100	0.0	98	97	1.0	70 - 130	30	
% Toluene-d8	101	%	100	100	0.0	100	99	1.0	70 - 130	30	

QA/QC Batch 366678 (ug/kg), QC Sample No: BV81838 (BV81727, BV81731, BV81737, BV81738)

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	5.0	96	100	4.1	108	111	2.7	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	91	93	2.2	104	104	0.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	83	88	5.8	103	103	0.0	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	86	92	6.7	101	106	4.8	70 - 130	30	
1,1-Dichloroethane	ND	5.0	96	98	2.1	101	101	0.0	70 - 130	30	
1,1-Dichloroethene	ND	5.0	94	98	4.2	83	80	3.7	70 - 130	30	
1,1-Dichloropropene	ND	5.0	93	97	4.2	106	106	0.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	76	80	5.1	102	106	3.8	70 - 130	30	
1,2,3-Trichloropropane	ND	5.0	82	89	8.2	102	101	1.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	76	80	5.1	96	103	7.0	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	87	92	5.6	102	104	1.9	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	85	92	7.9	104	103	1.0	70 - 130	30	
1,2-Dibromoethane	ND	5.0	90	95	5.4	105	105	0.0	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	83	87	4.7	100	101	1.0	70 - 130	30	
1,2-Dichloroethane	ND	5.0	88	94	6.6	105	105	0.0	70 - 130	30	
1,2-Dichloropropane	ND	5.0	89	94	5.5	105	105	0.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	89	94	5.5	104	106	1.9	70 - 130	30	

QA/QC Data

SDG I.D.: GBV81727

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,3-Dichlorobenzene	ND	5.0	83	88	5.8	100	102	2.0	70 - 130	30	
1,3-Dichloropropane	ND	5.0	88	93	5.5	104	104	0.0	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	82	86	4.8	97	101	4.0	70 - 130	30	
1,4-dioxane	ND	100	82	89	8.2	107	96	10.8	70 - 130	30	
2,2-Dichloropropane	ND	5.0	93	97	4.2	106	108	1.9	70 - 130	30	
2-Chlorotoluene	ND	5.0	88	93	5.5	105	106	0.9	70 - 130	30	
2-Hexanone	ND	25	71	77	8.1	88	88	0.0	70 - 130	30	
2-Isopropyltoluene	ND	5.0	88	93	5.5	106	107	0.9	70 - 130	30	
4-Chlorotoluene	ND	5.0	84	88	4.7	100	102	2.0	70 - 130	30	
4-Methyl-2-pentanone	ND	25	73	79	7.9	92	93	1.1	70 - 130	30	
Acetone	ND	10	60	66	9.5	43	41	4.8	70 - 130	30	l,m
Acrolein	ND	25	90	96	6.5	101	95	6.1	70 - 130	30	
Acrylonitrile	ND	5.0	82	88	7.1	95	95	0.0	70 - 130	30	
Benzene	ND	1.0	91	95	4.3	104	105	1.0	70 - 130	30	
Bromobenzene	ND	5.0	86	90	4.5	102	103	1.0	70 - 130	30	
Bromochloromethane	ND	5.0	87	91	4.5	104	104	0.0	70 - 130	30	
Bromodichloromethane	ND	5.0	92	97	5.3	104	105	1.0	70 - 130	30	
Bromoform	ND	5.0	94	100	6.2	104	108	3.8	70 - 130	30	
Bromomethane	ND	5.0	92	92	0.0	74	81	9.0	70 - 130	30	
Carbon Disulfide	ND	5.0	101	106	4.8	86	84	2.4	70 - 130	30	
Carbon tetrachloride	ND	5.0	99	102	3.0	102	109	6.6	70 - 130	30	
Chlorobenzene	ND	5.0	89	94	5.5	104	105	1.0	70 - 130	30	
Chloroethane	ND	5.0	89	92	3.3	45	46	2.2	70 - 130	30	m
Chloroform	ND	5.0	89	92	3.3	104	105	1.0	70 - 130	30	
Chloromethane	ND	5.0	84	88	4.7	99	101	2.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	90	93	3.3	106	105	0.9	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	88	94	6.6	105	106	0.9	70 - 130	30	
Dibromochloromethane	ND	3.0	98	103	5.0	110	113	2.7	70 - 130	30	
Dibromomethane	ND	5.0	86	92	6.7	101	103	2.0	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	108	113	4.5	123	124	0.8	70 - 130	30	
Ethylbenzene	ND	1.0	92	97	5.3	107	108	0.9	70 - 130	30	
Hexachlorobutadiene	ND	5.0	88	91	3.4	108	105	2.8	70 - 130	30	
Isopropylbenzene	ND	1.0	91	96	5.3	107	107	0.0	70 - 130	30	
m&p-Xylene	ND	2.0	92	95	3.2	105	108	2.8	70 - 130	30	
Methyl ethyl ketone	ND	5.0	66	71	7.3	86	81	6.0	70 - 130	30	l
Methyl t-butyl ether (MTBE)	ND	1.0	90	95	5.4	109	109	0.0	70 - 130	30	
Methylene chloride	ND	5.0	89	92	3.3	104	103	1.0	70 - 130	30	
Naphthalene	ND	5.0	83	90	8.1	112	117	4.4	70 - 130	30	
n-Butylbenzene	ND	1.0	88	94	6.6	107	110	2.8	70 - 130	30	
n-Propylbenzene	ND	1.0	87	91	4.5	103	103	0.0	70 - 130	30	
o-Xylene	ND	2.0	91	95	4.3	107	107	0.0	70 - 130	30	
p-Isopropyltoluene	ND	1.0	89	95	6.5	109	110	0.9	70 - 130	30	
sec-Butylbenzene	ND	1.0	95	101	6.1	114	115	0.9	70 - 130	30	
Styrene	ND	5.0	93	97	4.2	108	111	2.7	70 - 130	30	
tert-butyl alcohol	ND	100	78	86	9.8	101	94	7.2	70 - 130	30	
tert-Butylbenzene	ND	1.0	91	96	5.3	109	109	0.0	70 - 130	30	
Tetrachloroethene	ND	5.0	91	97	6.4	104	106	1.9	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	77	82	6.3	97	97	0.0	70 - 130	30	
Toluene	ND	1.0	90	96	6.5	104	105	1.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	95	99	4.1	111	110	0.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	88	93	5.5	103	105	1.9	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	84	88	4.7	101	102	1.0	70 - 130	30	
Trichloroethene	ND	5.0	96	101	5.1	107	108	0.9	70 - 130	30	

QA/QC Data

SDG I.D.: GBV81727

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Trichlorofluoromethane	ND	5.0	88	93	5.5	31	30	3.3	70 - 130	30	m
Trichlorotrifluoroethane	ND	5.0	99	104	4.9	92	87	5.6	70 - 130	30	
Vinyl chloride	ND	5.0	92	95	3.2	107	109	1.9	70 - 130	30	
% 1,2-dichlorobenzene-d4	99	%	99	101	2.0	100	99	1.0	70 - 130	30	
% Bromofluorobenzene	99	%	102	102	0.0	103	102	1.0	70 - 130	30	
% Dibromofluoromethane	96	%	100	98	2.0	99	96	3.1	70 - 130	30	
% Toluene-d8	101	%	100	101	1.0	100	100	0.0	70 - 130	30	

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
November 28, 2016

Monday, November 28, 2016

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GBV81727 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BV81727	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	76.4	0.34	50	50	mg/kg
BV81727	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	43.6	0.34	30	30	mg/Kg
BV81727	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	138	6.8	63	63	mg/Kg
BV81727	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	167	6.8	109	109	mg/Kg
BV81728	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.48	0.03	0.18	0.18	mg/Kg
BV81728	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	189	6.8	63	63	mg/Kg
BV81729	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	22	2.2	3.3	3.3	ug/Kg
BV81729	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	25	2.2	3.3	3.3	ug/Kg
BV81729	BA-SMDP	Barium	NY / 375-6.8 Metals / Ground Water Protection	901	0.8	820	820	mg/Kg
BV81729	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	901	0.8	350	350	mg/Kg
BV81729	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	901	0.8	400	400	mg/Kg
BV81729	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	901	0.8	350	350	mg/Kg
BV81729	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	67.4	0.38	50	50	mg/kg
BV81729	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.25	0.03	0.18	0.18	mg/Kg
BV81729	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	36.1	0.38	30	30	mg/Kg
BV81729	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	562	7.6	450	450	mg/Kg
BV81729	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	562	7.6	400	400	mg/Kg
BV81729	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	562	7.6	400	400	mg/Kg
BV81729	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	562	7.6	63	63	mg/Kg
BV81729	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	685	7.6	109	109	mg/Kg
BV81730	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	34.6	0.36	30	30	mg/Kg
BV81730	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	134	0.7	63	63	mg/Kg
BV81731	BA-SMDP	Barium	NY / 375-6.8 Metals / Ground Water Protection	993	0.7	820	820	mg/Kg
BV81731	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	993	0.7	350	350	mg/Kg
BV81731	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	993	0.7	400	400	mg/Kg
BV81731	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	993	0.7	350	350	mg/Kg
BV81731	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	44.1	0.34	30		mg/Kg
BV81731	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.25	0.03	0.18	0.18	mg/Kg
BV81731	NI-SM	Nickel	NY / 375-6.8 Metals / Ground Water Protection	228	3.4	130	130	mg/Kg
BV81731	NI-SM	Nickel	NY / 375-6.8 Metals / Residential	228	3.4	140	140	mg/Kg
BV81731	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	228	3.4	30	30	mg/Kg
BV81731	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	642	6.9	450	450	mg/Kg
BV81731	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	642	6.9	400	400	mg/Kg
BV81731	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	642	6.9	400	400	mg/Kg
BV81731	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	642	6.9	63	63	mg/Kg
BV81731	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	664	6.9	109	109	mg/Kg
BV81732	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	394	0.7	350	350	mg/Kg
BV81732	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	394	0.7	350	350	mg/Kg

Monday, November 28, 2016

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GBV81727 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BV81732	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	30.2	0.36	30		mg/Kg
BV81732	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	67.7	0.36	30	30	mg/Kg
BV81732	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	247	7.2	63	63	mg/Kg
BV81732	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	260	7.2	109	109	mg/Kg
BV81733	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1300	270	1000	1000	ug/Kg
BV81733	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1100	270	1000	1000	ug/Kg
BV81733	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1300	270	1000	1000	ug/Kg
BV81733	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1100	270	1000	1000	ug/Kg
BV81733	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1100	270	1000	1000	ug/Kg
BV81733	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1100	270	1000	1000	ug/Kg
BV81733	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1100	190	1000	1000	ug/Kg
BV81733	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	810	270	500	500	ug/Kg
BV81733	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	270	1000	1000	ug/Kg
BV81733	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	190	1000	1000	ug/Kg
BV81733	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	270	1000	1000	ug/Kg
BV81733	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	810	270	500	500	ug/Kg
BV81733	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	190	1000	1000	ug/Kg
BV81733	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	270	1000	1000	ug/Kg
BV81733	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	270	800	800	ug/Kg
BV81733	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	270	1000	1000	ug/Kg
BV81733	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	810	270	500	500	ug/Kg
BV81733	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	270	1000	1000	ug/Kg
BV81733	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	15.7	0.73	13	13	mg/Kg
BV81733	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	729	0.7	350	350	mg/Kg
BV81733	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	729	0.7	400	400	mg/Kg
BV81733	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	729	0.7	350	350	mg/Kg
BV81733	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.34	0.03	0.18	0.18	mg/Kg
BV81733	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	2040	73	450	450	mg/Kg
BV81733	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	2040	73	400	400	mg/Kg
BV81733	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	2040	73	400	400	mg/Kg
BV81733	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	2040	73	63	63	mg/Kg
BV81733	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	690	7.3	109	109	mg/Kg
BV81735	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	4.8	2.3	3.3	3.3	ug/Kg
BV81735	BA-SMDP	Barium	NY / 375-6.8 Metals / Ground Water Protection	2760	7.2	820	820	mg/Kg
BV81735	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	2760	7.2	350	350	mg/Kg
BV81735	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	2760	7.2	400	400	mg/Kg
BV81735	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	2760	7.2	350	350	mg/Kg
BV81735	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	53.9	0.36	50	50	mg/kg
BV81735	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.26	0.03	0.18	0.18	mg/Kg
BV81735	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	696	7.2	450	450	mg/Kg

Monday, November 28, 2016

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GBV81727 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BV81735	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	696	7.2	400	400	mg/Kg
BV81735	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	696	7.2	400	400	mg/Kg
BV81735	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	696	7.2	63	63	mg/Kg
BV81735	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	1960	72	109	109	mg/Kg
BV81736	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	35.5	0.35	30		mg/Kg
BV81736	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	64.5	0.35	50	50	mg/kg
BV81736	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.42	0.03	0.18	0.18	mg/Kg
BV81737	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.23	0.03	0.18	0.18	mg/Kg
BV81738	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	703	0.8	350	350	mg/Kg
BV81738	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	703	0.8	400	400	mg/Kg
BV81738	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	703	0.8	350	350	mg/Kg
BV81738	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	0.75	0.03	0.73	0.73	mg/Kg
BV81738	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.75	0.03	0.18	0.18	mg/Kg
BV81738	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	782	8.3	450	450	mg/Kg
BV81738	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	782	8.3	400	400	mg/Kg
BV81738	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	782	8.3	400	400	mg/Kg
BV81738	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	782	8.3	63	63	mg/Kg
BV81738	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	400	8.3	109	109	mg/Kg

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY Temperature Narration

November 28, 2016

SDG I.D.: GBV81727

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 4 °C Pg 1 of 2

Contact Options:
[ ] Fax:
[ ] Phone: 631-504-6000
[Y] Email: File

Customer: Environmental Business Consultants
Address: 1808 Middle Country Road
Ridge, NY 11961

Project: 260 W126 Street NY, NY
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Eleni Kavvadias Date: 11-10-16

Matrix Code:
DW=Drinking Water · **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	SVOC	VOC	TAL Metals	PCB/Pesticides	Soil VOA Vials [X] methanol [ ] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
81727	SB2 (0-2)	S	11-10-16		X	X	X	X	2	1	1							
81728	SB2 (6-12)		11-10-16		X	X	X	X	2	1	1							
81729	SB3 (0-2)		11-10-16		X	X	X	X	2	1	1							
81730	SB3 (10-12)		11-10-16		X	X	X	X	2	1	1							
81731	SB4 (0-2)		11-9-16		X	X	X	X	2	1	1							
81732	SB4 (10-12)		11-9-16		X	X	X	X	2	1	1							
81733	SB5 (0-2)		11-9-16		X	X	X	X	2	1	1							
81734	SB5 (10-12)		11-9-16		X	X	X	X	2	1	1							
81735	SB7 (0-2)		11-10-16		X	X	X	X	2	1	1							
81736	SB7 (10-12)	↓	11-10-16		X	X	X	X	2	1	1							

Relinquished by:	Accepted by:	Date:	Time:
		11-11-16	8:45
Robert	Krystal Bruce	11.11.16	15:41

Comments, Special Requirements or Regulations:

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[X] 5 Days
[ ] 10 Days
[ ] Other
* SURCHARGE APPLIES

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] GW Criteria

NY
[ ] NY 375 GWP
[X] NY375 Unrestricted Use Soil
[X] NY375 Residential Soil
[X] Restricted/Residential
[ ] Commercial
[ ] Industrial

Data Format
[ ] Phoenix Std Report
[X] Excel
[X] PDF
[ ] GIS/Key
[X] EQuIS
[ ] NJ Hazsite EDD
[X] NY EZ EDD (ASP)
[ ] Other

Data Package
[ ] NJ Reduced Deliv. *
[X] NY Enhanced (ASP B) *
[ ] Other

State where samples were collected: NY

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐

PHOENIX Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 4 °C Pg 2 of 2

Contact Options:
☐ Fax:
☐ Phone: 631-504-6000
☑ Email: File

Customer: Environmental Business Consultants
Address: 1808 Middle Country Road
Ridge, NY 11961

Project: 260 W 126 Street NY, NY
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants
Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification
Sampler's Signature: Eleni Kawadias Date: 11-10-16

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	SVOC	VOC	TAL Metals	PCB/Pesticides	Soil VOA Vials [ ] methanol [ ] H2O (Soil VOA Low)	GL Soil container (8)oz	GL Soil container ( )oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
81737	SB8 (0-2)	S	11-10-16		X	X	X	X	2	1	1							
81738	SB 8 (10-12)	S	11-10-16		X	X	X	X	2	1	1							
81739	Trip Blank Hi					X				1								
81740	Trip Blank Lo					X			2									

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	11-11-16	8:48
Rob / KB	[signature]	11.11.16	15:41

Comments, Special Requirements or Regulations:

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
☐ NY 375 GWP
☑ NY375 Unrestricted Use Soil
☑ NY375 Residential Soil
☑ Restricted/Residential
☐ Commercial
☐ Industrial

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

PHOENIX
Environmental Laboratories, Inc.

Tuesday, November 22, 2016

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 260 WEST 126TH ST., NY
Sample ID#s: BV85796 - BV85802

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

November 22, 2016

SDG I.D.: GBV85796

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

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

Analysis Report

November 22, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TG	11/15/16	11:00
Location Code:	EBC	Received by:	LB	11/16/16	14:19
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV85796
Phoenix ID: BV85796

Project ID: 260 WEST 126TH ST., NY
Client ID: SB1 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	ND	0.33	0.33	mg/Kg	1	11/18/16	TH	SW6010C	
Aluminum	7020	33	6.6	mg/Kg	10	11/18/16	TH	SW6010C	
Arsenic	2.38	0.66	0.66	mg/Kg	1	11/18/16	TH	SW6010C	
Barium	56.7	0.7	0.33	mg/Kg	1	11/18/16	TH	SW6010C	
Beryllium	0.36	0.27	0.13	mg/Kg	1	11/18/16	TH	SW6010C	
Calcium	21200	33	31	mg/Kg	10	11/18/16	TH	SW6010C	
Cadmium	ND	0.33	0.33	mg/Kg	1	11/18/16	TH	SW6010C	
Cobalt	6.79	0.33	0.33	mg/Kg	1	11/18/16	TH	SW6010C	
Chromium	15.4	0.33	0.33	mg/Kg	1	11/18/16	LK	SW6010C	B
Copper	19.9	0.33	0.33	mg/kg	1	11/18/16	TH	SW6010C	
Iron	11600	33	33	mg/Kg	10	11/18/16	TH	SW6010C	
Mercury	0.53	0.03	0.02	mg/Kg	1	11/17/16	RS	SW7471B	
Potassium	1500	7	2.6	mg/Kg	1	11/18/16	LK	SW6010C	
Magnesium	4710	3.3	3.3	mg/Kg	1	11/18/16	TH	SW6010C	
Manganese	438	3.3	3.3	mg/Kg	10	11/18/16	TH	SW6010C	
Sodium	389	7	2.9	mg/Kg	1	11/18/16	TH	SW6010C	
Nickel	14.6	0.33	0.33	mg/Kg	1	11/18/16	TH	SW6010C	
Lead	38.3	0.7	0.33	mg/Kg	1	11/18/16	TH	SW6010C	
Antimony	ND	1.7	1.7	mg/Kg	1	11/18/16	TH	SW6010C	
Selenium	ND	1.3	1.1	mg/Kg	1	11/18/16	TH	SW6010C	
Thallium	ND	1.3	1.3	mg/Kg	1	11/18/16	TH	SW6010C	
Vanadium	24.1	0.33	0.33	mg/Kg	1	11/18/16	TH	SW6010C	
Zinc	30.5	0.7	0.33	mg/Kg	1	11/18/16	TH	SW6010C	B
Percent Solid	93			%		11/16/16	W	SW846-%Solid	
Soil Extraction for PCB	Completed					11/16/16	BC/V	SW3545A	
Soil Extraction for Pest	Completed					11/16/16	BC/V	SW3545A	
Soil Extraction for SVOA	Completed					11/16/16	BJ/CKV	SW3545A	
Mercury Digestion	Completed					11/17/16	W/W	SW7471B	

Ver 1

Project ID: 260 WEST 126TH ST., NY
Client ID: SB1 (0-2)

Phoenix I.D.: BV85796

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/16/16	X/AG	SW3050B
Field Extraction	Completed					11/15/16		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	71	71	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1221	ND	71	71	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1232	ND	71	71	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1242	ND	71	71	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1248	ND	71	71	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1254	ND	71	71	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1260	ND	71	71	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1262	ND	71	71	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1268	ND	71	71	ug/Kg	2	11/17/16	AW	SW8082A
QA/QC Surrogates								
% DCBP	71			%	2	11/17/16	AW	40 - 140 %
% TCMX	74			%	2	11/17/16	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.1	2.1	ug/Kg	2	11/17/16	CE	SW8081B
4,4' -DDE	ND	2.1	2.1	ug/Kg	2	11/17/16	CE	SW8081B
4,4' -DDT	ND	2.1	2.1	ug/Kg	2	11/17/16	CE	SW8081B
a-BHC	ND	7.1	7.1	ug/Kg	2	11/17/16	CE	SW8081B
a-Chlordane	ND	3.5	3.5	ug/Kg	2	11/17/16	CE	SW8081B
Aldrin	ND	3.5	3.5	ug/Kg	2	11/17/16	CE	SW8081B
b-BHC	ND	7.1	7.1	ug/Kg	2	11/17/16	CE	SW8081B
Chlordane	ND	35	35	ug/Kg	2	11/17/16	CE	SW8081B
d-BHC	ND	7.1	7.1	ug/Kg	2	11/17/16	CE	SW8081B
Dieldrin	ND	3.5	3.5	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan I	ND	7.1	7.1	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan II	ND	7.1	7.1	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan sulfate	ND	7.1	7.1	ug/Kg	2	11/17/16	CE	SW8081B
Endrin	ND	7.1	7.1	ug/Kg	2	11/17/16	CE	SW8081B
Endrin aldehyde	ND	7.1	7.1	ug/Kg	2	11/17/16	CE	SW8081B
Endrin ketone	ND	7.1	7.1	ug/Kg	2	11/17/16	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	11/17/16	CE	SW8081B
g-Chlordane	ND	3.5	3.5	ug/Kg	2	11/17/16	CE	SW8081B
Heptachlor	ND	7.1	7.1	ug/Kg	2	11/17/16	CE	SW8081B
Heptachlor epoxide	ND	7.1	7.1	ug/Kg	2	11/17/16	CE	SW8081B
Methoxychlor	ND	35	35	ug/Kg	2	11/17/16	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	11/17/16	CE	SW8081B
QA/QC Surrogates								
% DCBP	93			%	2	11/17/16	CE	40 - 140 %
% TCMX	57			%	2	11/17/16	CE	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	3.5	0.71	ug/Kg	1	11/17/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.5	0.71	ug/Kg	1	11/17/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.5	0.71	ug/Kg	1	11/17/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.5	0.71	ug/Kg	1	11/17/16	JLI	SW8260C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloroethene	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
1,1-Dichloropropene	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		3.5	0.71	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		3.5	0.71	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		3.5	0.71	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dibromoethane	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dichloroethane	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dichloropropane	ND		3.5	0.71	ug/Kg	1	11/17/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
1,3-Dichloropropane	ND		3.5	0.71	ug/Kg	1	11/17/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
2,2-Dichloropropane	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
2-Chlorotoluene	ND		3.5	0.71	ug/Kg	1	11/17/16	JLI	SW8260C	
2-Hexanone	ND		18	3.5	ug/Kg	1	11/17/16	JLI	SW8260C	
2-Isopropyltoluene	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	1
4-Chlorotoluene	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND		18	3.5	ug/Kg	1	11/17/16	JLI	SW8260C	
Acetone	7.6	JS	18	3.5	ug/Kg	1	11/17/16	JLI	SW8260C	
Acrylonitrile	ND		7.1	0.71	ug/Kg	1	11/17/16	JLI	SW8260C	
Benzene	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromobenzene	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromochloromethane	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromodichloromethane	ND		3.5	0.71	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromoform	ND		3.5	0.71	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromomethane	ND		3.5	1.4	ug/Kg	1	11/17/16	JLI	SW8260C	
Carbon Disulfide	ND		3.5	0.71	ug/Kg	1	11/17/16	JLI	SW8260C	
Carbon tetrachloride	ND		3.5	0.71	ug/Kg	1	11/17/16	JLI	SW8260C	
Chlorobenzene	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
Chloroethane	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
Chloroform	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
Chloromethane	ND		3.5	0.71	ug/Kg	1	11/17/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
Dibromochloromethane	ND		3.5	0.71	ug/Kg	1	11/17/16	JLI	SW8260C	
Dibromomethane	ND		3.5	0.71	ug/Kg	1	11/17/16	JLI	SW8260C	
Dichlorodifluoromethane	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
Ethylbenzene	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
Hexachlorobutadiene	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
Isopropylbenzene	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
m&p-Xylene	ND		3.5	0.71	ug/Kg	1	11/17/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND		21	3.5	ug/Kg	1	11/17/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		7.1	0.71	ug/Kg	1	11/17/16	JLI	SW8260C	
Methylene chloride	ND		3.5	3.5	ug/Kg	1	11/17/16	JLI	SW8260C	
Naphthalene	ND		3.5	0.71	ug/Kg	1	11/17/16	JLI	SW8260C	
n-Butylbenzene	ND		3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	ND	3.5	0.71	ug/Kg	1	11/17/16	JLI	SW8260C	
o-Xylene	ND	3.5	0.71	ug/Kg	1	11/17/16	JLI	SW8260C	
p-Isopropyltoluene	ND	3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
sec-Butylbenzene	ND	3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
Styrene	ND	3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
tert-Butylbenzene	ND	3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
Tetrachloroethene	ND	3.5	0.71	ug/Kg	1	11/17/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	7.1	1.8	ug/Kg	1	11/17/16	JLI	SW8260C	1
Toluene	ND	3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	7.1	1.8	ug/Kg	1	11/17/16	JLI	SW8260C	
Trichloroethene	ND	3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
Trichlorofluoromethane	ND	3.5	0.71	ug/Kg	1	11/17/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
Vinyl chloride	ND	3.5	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99			%	1	11/17/16	JLI	70 - 130 %	
% Bromofluorobenzene	101			%	1	11/17/16	JLI	70 - 130 %	
% Dibromofluoromethane	96			%	1	11/17/16	JLI	70 - 130 %	
% Toluene-d8	101			%	1	11/17/16	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	53	28	ug/kg	1	11/17/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99			%	1	11/17/16	JLI	70 - 130 %	
% Bromofluorobenzene	101			%	1	11/17/16	JLI	70 - 130 %	
% Toluene-d8	101			%	1	11/17/16	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	14	0.71	ug/Kg	1	11/17/16	JLI	SW8260C	
Acrolein	ND	14	1.8	ug/Kg	1	11/17/16	JLI	SW8260C	
Acrylonitrile	ND	14	0.35	ug/Kg	1	11/17/16	JLI	SW8260C	
Tert-butyl alcohol	ND	71	14	ug/Kg	1	11/17/16	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	250	120	ug/Kg	1	11/17/16	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/17/16	DD	SW8270D	
1,2-Dichlorobenzene	ND	250	99	ug/Kg	1	11/17/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND	250	110	ug/Kg	1	11/17/16	DD	SW8270D	
1,3-Dichlorobenzene	ND	250	100	ug/Kg	1	11/17/16	DD	SW8270D	
1,4-Dichlorobenzene	ND	250	100	ug/Kg	1	11/17/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	1	11/17/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND	180	110	ug/Kg	1	11/17/16	DD	SW8270D	
2,4-Dichlorophenol	ND	180	120	ug/Kg	1	11/17/16	DD	SW8270D	
2,4-Dimethylphenol	ND	250	87	ug/Kg	1	11/17/16	DD	SW8270D	
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	11/17/16	DD	SW8270D	
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	11/17/16	DD	SW8270D	
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	11/17/16	DD	SW8270D	
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/17/16	DD	SW8270D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Chlorophenol	ND		250	100	ug/Kg	1	11/17/16	DD	SW8270D	
2-Methylnaphthalene	ND		250	100	ug/Kg	1	11/17/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	1	11/17/16	DD	SW8270D	
2-Nitroaniline	ND		250	250	ug/Kg	1	11/17/16	DD	SW8270D	
2-Nitrophenol	ND		250	220	ug/Kg	1	11/17/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	1	11/17/16	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		180	170	ug/Kg	1	11/17/16	DD	SW8270D	
3-Nitroaniline	ND		350	700	ug/Kg	1	11/17/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		210	70	ug/Kg	1	11/17/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		250	100	ug/Kg	1	11/17/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND		250	120	ug/Kg	1	11/17/16	DD	SW8270D	
4-Chloroaniline	ND		280	160	ug/Kg	1	11/17/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	1	11/17/16	DD	SW8270D	
4-Nitroaniline	ND		350	120	ug/Kg	1	11/17/16	DD	SW8270D	
4-Nitrophenol	ND		350	160	ug/Kg	1	11/17/16	DD	SW8270D	
Acenaphthene	ND		250	110	ug/Kg	1	11/17/16	DD	SW8270D	
Acenaphthylene	ND		250	99	ug/Kg	1	11/17/16	DD	SW8270D	
Acetophenone	ND		250	110	ug/Kg	1	11/17/16	DD	SW8270D	
Aniline	ND		280	280	ug/Kg	1	11/17/16	DD	SW8270D	
Anthracene	ND		250	120	ug/Kg	1	11/17/16	DD	SW8270D	
Benz(a)anthracene	ND		250	120	ug/Kg	1	11/17/16	DD	SW8270D	
Benzidine	ND		350	210	ug/Kg	1	11/17/16	DD	SW8270D	
Benzo(a)pyrene	ND		180	110	ug/Kg	1	11/17/16	DD	SW8270D	
Benzo(b)fluoranthene	ND		250	120	ug/Kg	1	11/17/16	DD	SW8270D	
Benzo(ghi)perylene	ND		250	110	ug/Kg	1	11/17/16	DD	SW8270D	
Benzo(k)fluoranthene	ND		250	120	ug/Kg	1	11/17/16	DD	SW8270D	
Benzoic acid	ND		1800	700	ug/Kg	1	11/17/16	DD	SW8270D	1
Benzyl butyl phthalate	140	J	250	91	ug/Kg	1	11/17/16	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		250	97	ug/Kg	1	11/17/16	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		180	95	ug/Kg	1	11/17/16	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		250	98	ug/Kg	1	11/17/16	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		250	100	ug/Kg	1	11/17/16	DD	SW8270D	
Carbazole	ND		180	140	ug/Kg	1	11/17/16	DD	SW8270D	
Chrysene	ND		250	120	ug/Kg	1	11/17/16	DD	SW8270D	
Dibenz(a,h)anthracene	ND		180	110	ug/Kg	1	11/17/16	DD	SW8270D	
Dibenzofuran	ND		250	100	ug/Kg	1	11/17/16	DD	SW8270D	
Diethyl phthalate	ND		250	110	ug/Kg	1	11/17/16	DD	SW8270D	
Dimethylphthalate	ND		250	110	ug/Kg	1	11/17/16	DD	SW8270D	
Di-n-butylphthalate	ND		250	94	ug/Kg	1	11/17/16	DD	SW8270D	
Di-n-octylphthalate	ND		250	91	ug/Kg	1	11/17/16	DD	SW8270D	
Fluoranthene	ND		250	110	ug/Kg	1	11/17/16	DD	SW8270D	
Fluorene	ND		250	120	ug/Kg	1	11/17/16	DD	SW8270D	
Hexachlorobenzene	ND		180	100	ug/Kg	1	11/17/16	DD	SW8270D	
Hexachlorobutadiene	ND		250	130	ug/Kg	1	11/17/16	DD	SW8270D	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	1	11/17/16	DD	SW8270D	
Hexachloroethane	ND		180	110	ug/Kg	1	11/17/16	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND		250	120	ug/Kg	1	11/17/16	DD	SW8270D	
Isophorone	ND		280	280	ug/Kg	1	11/17/16	DD	SW8270D	
Naphthalene	ND		250	100	ug/Kg	1	11/17/16	DD	SW8270D	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	180	120	ug/Kg	1	11/17/16	DD	SW8270D
N-Nitrosodimethylamine	ND	250	99	ug/Kg	1	11/17/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	180	110	ug/Kg	1	11/17/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	11/17/16	DD	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	11/17/16	DD	SW8270D
Pentachlorophenol	ND	210	130	ug/Kg	1	11/17/16	DD	SW8270D
Phenanthrene	ND	250	100	ug/Kg	1	11/17/16	DD	SW8270D
Phenol	ND	250	110	ug/Kg	1	11/17/16	DD	SW8270D
Pyrene	ND	250	120	ug/Kg	1	11/17/16	DD	SW8270D
Pyridine	ND	250	87	ug/Kg	1	11/17/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	61			%	1	11/17/16	DD	30 - 130 %
% 2-Fluorobiphenyl	68			%	1	11/17/16	DD	30 - 130 %
% 2-Fluorophenol	68			%	1	11/17/16	DD	30 - 130 %
% Nitrobenzene-d5	65			%	1	11/17/16	DD	30 - 130 %
% Phenol-d5	75			%	1	11/17/16	DD	30 - 130 %
% Terphenyl-d14	76			%	1	11/17/16	DD	30 - 130 %

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/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
November 22, 2016
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

November 22, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TG	11/15/16	11:30
Location Code:	EBC	Received by:	LB	11/16/16	14:19
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV85796
Phoenix ID: BV85797

Project ID: 260 WEST 126TH ST., NY
Client ID: SB1 (2-4)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	ND	0.35	0.35	mg/Kg	1	11/18/16	TH	SW6010C	
Aluminum	4220	35	6.9	mg/Kg	10	11/18/16	TH	SW6010C	
Arsenic	1.45	0.69	0.69	mg/Kg	1	11/18/16	TH	SW6010C	
Barium	35.6	0.7	0.35	mg/Kg	1	11/18/16	TH	SW6010C	
Beryllium	0.29	0.28	0.14	mg/Kg	1	11/18/16	TH	SW6010C	
Calcium	5700	3.5	3.2	mg/Kg	1	11/18/16	TH	SW6010C	
Cadmium	ND	0.35	0.35	mg/Kg	1	11/18/16	TH	SW6010C	
Cobalt	4.84	0.35	0.35	mg/Kg	1	11/18/16	TH	SW6010C	
Chromium	12.8	0.35	0.35	mg/Kg	1	11/18/16	LK	SW6010C	B
Copper	14.0	0.35	0.35	mg/kg	1	11/18/16	TH	SW6010C	
Iron	8360	35	35	mg/Kg	10	11/18/16	TH	SW6010C	
Mercury	ND	0.03	0.02	mg/Kg	1	11/17/16	RS	SW7471B	
Potassium	846	7	2.7	mg/Kg	1	11/18/16	LK	SW6010C	
Magnesium	2380	3.5	3.5	mg/Kg	1	11/18/16	TH	SW6010C	
Manganese	315	3.5	3.5	mg/Kg	10	11/18/16	TH	SW6010C	
Sodium	333	7	3.0	mg/Kg	1	11/18/16	TH	SW6010C	
Nickel	14.4	0.35	0.35	mg/Kg	1	11/18/16	TH	SW6010C	
Lead	23.4	0.7	0.35	mg/Kg	1	11/18/16	TH	SW6010C	
Antimony	ND	1.7	1.7	mg/Kg	1	11/18/16	TH	SW6010C	
Selenium	ND	1.4	1.2	mg/Kg	1	11/18/16	TH	SW6010C	
Thallium	ND	1.4	1.4	mg/Kg	1	11/18/16	TH	SW6010C	
Vanadium	14.9	0.35	0.35	mg/Kg	1	11/18/16	TH	SW6010C	
Zinc	16.8	0.7	0.35	mg/Kg	1	11/18/16	TH	SW6010C	B
Percent Solid	95			%		11/16/16	W	SW846-%Solid	
Soil Extraction for PCB	Completed					11/16/16	BC/V	SW3545A	
Soil Extraction for Pest	Completed					11/16/16	BC/V	SW3545A	
Soil Extraction for SVOA	Completed					11/16/16	BJ/CKV	SW3545A	
Mercury Digestion	Completed					11/17/16	W/W	SW7471B	

Ver 1

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/16/16	X/AG	SW3050B
Field Extraction	Completed					11/15/16		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	68	68	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1221	ND	68	68	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1232	ND	68	68	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1242	ND	68	68	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1248	ND	68	68	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1254	ND	68	68	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1260	ND	68	68	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1262	ND	68	68	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1268	ND	68	68	ug/Kg	2	11/17/16	AW	SW8082A
QA/QC Surrogates								
% DCBP	72			%	2	11/17/16	AW	40 - 140 %
% TCMX	74			%	2	11/17/16	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.1	2.1	ug/Kg	2	11/17/16	CE	SW8081B
4,4' -DDE	ND	2.1	2.1	ug/Kg	2	11/17/16	CE	SW8081B
4,4' -DDT	ND	2.1	2.1	ug/Kg	2	11/17/16	CE	SW8081B
a-BHC	ND	6.8	6.8	ug/Kg	2	11/17/16	CE	SW8081B
a-Chlordane	ND	3.4	3.4	ug/Kg	2	11/17/16	CE	SW8081B
Aldrin	ND	3.4	3.4	ug/Kg	2	11/17/16	CE	SW8081B
b-BHC	ND	6.8	6.8	ug/Kg	2	11/17/16	CE	SW8081B
Chlordane	ND	34	34	ug/Kg	2	11/17/16	CE	SW8081B
d-BHC	ND	6.8	6.8	ug/Kg	2	11/17/16	CE	SW8081B
Dieldrin	ND	3.4	3.4	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan I	ND	6.8	6.8	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan II	ND	6.8	6.8	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan sulfate	ND	6.8	6.8	ug/Kg	2	11/17/16	CE	SW8081B
Endrin	ND	6.8	6.8	ug/Kg	2	11/17/16	CE	SW8081B
Endrin aldehyde	ND	6.8	6.8	ug/Kg	2	11/17/16	CE	SW8081B
Endrin ketone	ND	6.8	6.8	ug/Kg	2	11/17/16	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	11/17/16	CE	SW8081B
g-Chlordane	ND	3.4	3.4	ug/Kg	2	11/17/16	CE	SW8081B
Heptachlor	ND	6.8	6.8	ug/Kg	2	11/17/16	CE	SW8081B
Heptachlor epoxide	ND	6.8	6.8	ug/Kg	2	11/17/16	CE	SW8081B
Methoxychlor	ND	34	34	ug/Kg	2	11/17/16	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	11/17/16	CE	SW8081B
QA/QC Surrogates								
% DCBP	82			%	2	11/17/16	CE	40 - 140 %
% TCMX	57			%	2	11/17/16	CE	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	3.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloroethene	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
1,1-Dichloropropene	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		3.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		3.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		3.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dibromoethane	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dichloroethane	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dichloropropane	ND		3.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
1,3-Dichloropropane	ND		3.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
2,2-Dichloropropane	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
2-Chlorotoluene	ND		3.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C	
2-Hexanone	ND		15	3.1	ug/Kg	1	11/17/16	JLI	SW8260C	
2-Isopropyltoluene	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	1
4-Chlorotoluene	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND		15	3.1	ug/Kg	1	11/17/16	JLI	SW8260C	
Acetone	9.4	JS	15	3.1	ug/Kg	1	11/17/16	JLI	SW8260C	
Acrylonitrile	ND		6.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C	
Benzene	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromobenzene	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromochloromethane	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromodichloromethane	ND		3.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromoform	ND		3.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromomethane	ND		3.1	1.2	ug/Kg	1	11/17/16	JLI	SW8260C	
Carbon Disulfide	ND		3.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C	
Carbon tetrachloride	ND		3.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C	
Chlorobenzene	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
Chloroethane	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
Chloroform	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
Chloromethane	ND		3.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
Dibromochloromethane	ND		3.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C	
Dibromomethane	ND		3.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C	
Dichlorodifluoromethane	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
Ethylbenzene	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
Hexachlorobutadiene	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
Isopropylbenzene	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
m&p-Xylene	ND		3.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND		18	3.1	ug/Kg	1	11/17/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		6.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C	
Methylene chloride	ND		3.1	3.1	ug/Kg	1	11/17/16	JLI	SW8260C	
Naphthalene	ND		3.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C	
n-Butylbenzene	ND		3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	ND	3.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C	
o-Xylene	ND	3.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C	
p-Isopropyltoluene	ND	3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
sec-Butylbenzene	ND	3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
Styrene	ND	3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
tert-Butylbenzene	ND	3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
Tetrachloroethene	ND	3.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	6.1	1.5	ug/Kg	1	11/17/16	JLI	SW8260C	1
Toluene	ND	3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	6.1	1.5	ug/Kg	1	11/17/16	JLI	SW8260C	
Trichloroethene	ND	3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
Trichlorofluoromethane	ND	3.1	0.61	ug/Kg	1	11/17/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
Vinyl chloride	ND	3.1	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	11/17/16	JLI	70 - 130 %	
% Bromofluorobenzene	99			%	1	11/17/16	JLI	70 - 130 %	
% Dibromofluoromethane	87			%	1	11/17/16	JLI	70 - 130 %	
% Toluene-d8	101			%	1	11/17/16	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	46	24	ug/kg	1	11/17/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	11/17/16	JLI	70 - 130 %	
% Bromofluorobenzene	99			%	1	11/17/16	JLI	70 - 130 %	
% Toluene-d8	101			%	1	11/17/16	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	12	0.61	ug/Kg	1	11/17/16	JLI	SW8260C	
Acrolein	ND	12	1.5	ug/Kg	1	11/17/16	JLI	SW8260C	
Acrylonitrile	ND	12	0.31	ug/Kg	1	11/17/16	JLI	SW8260C	
Tert-butyl alcohol	ND	61	12	ug/Kg	1	11/17/16	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	11/16/16	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	1	11/16/16	DD	SW8270D	
1,2-Dichlorobenzene	ND	240	98	ug/Kg	1	11/16/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	1	11/16/16	DD	SW8270D	
1,3-Dichlorobenzene	ND	240	100	ug/Kg	1	11/16/16	DD	SW8270D	
1,4-Dichlorobenzene	ND	240	100	ug/Kg	1	11/16/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	1	11/16/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND	170	110	ug/Kg	1	11/16/16	DD	SW8270D	
2,4-Dichlorophenol	ND	170	120	ug/Kg	1	11/16/16	DD	SW8270D	
2,4-Dimethylphenol	ND	240	86	ug/Kg	1	11/16/16	DD	SW8270D	
2,4-Dinitrophenol	ND	240	240	ug/Kg	1	11/16/16	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	140	ug/Kg	1	11/16/16	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	110	ug/Kg	1	11/16/16	DD	SW8270D	
2-Chloronaphthalene	ND	240	98	ug/Kg	1	11/16/16	DD	SW8270D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Chlorophenol	ND		240	98	ug/Kg	1	11/16/16	DD	SW8270D	
2-Methylnaphthalene	ND		240	100	ug/Kg	1	11/16/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		240	160	ug/Kg	1	11/16/16	DD	SW8270D	
2-Nitroaniline	ND		240	240	ug/Kg	1	11/16/16	DD	SW8270D	
2-Nitrophenol	ND		240	220	ug/Kg	1	11/16/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		240	140	ug/Kg	1	11/16/16	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		170	160	ug/Kg	1	11/16/16	DD	SW8270D	
3-Nitroaniline	ND		350	690	ug/Kg	1	11/16/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		210	69	ug/Kg	1	11/16/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		240	100	ug/Kg	1	11/16/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND		240	120	ug/Kg	1	11/16/16	DD	SW8270D	
4-Chloroaniline	ND		280	160	ug/Kg	1	11/16/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		240	120	ug/Kg	1	11/16/16	DD	SW8270D	
4-Nitroaniline	ND		350	120	ug/Kg	1	11/16/16	DD	SW8270D	
4-Nitrophenol	ND		350	160	ug/Kg	1	11/16/16	DD	SW8270D	
Acenaphthene	ND		240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Acenaphthylene	ND		240	97	ug/Kg	1	11/16/16	DD	SW8270D	
Acetophenone	ND		240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Aniline	ND		280	280	ug/Kg	1	11/16/16	DD	SW8270D	
Anthracene	ND		240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Benz(a)anthracene	ND		240	120	ug/Kg	1	11/16/16	DD	SW8270D	
Benzidine	ND		350	200	ug/Kg	1	11/16/16	DD	SW8270D	
Benzo(a)pyrene	ND		170	110	ug/Kg	1	11/16/16	DD	SW8270D	
Benzo(b)fluoranthene	ND		240	120	ug/Kg	1	11/16/16	DD	SW8270D	
Benzo(ghi)perylene	ND		240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Benzo(k)fluoranthene	ND		240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Benzoic acid	ND		1700	690	ug/Kg	1	11/16/16	DD	SW8270D	1
Benzyl butyl phthalate	ND		240	89	ug/Kg	1	11/16/16	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		240	96	ug/Kg	1	11/16/16	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		170	93	ug/Kg	1	11/16/16	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		240	96	ug/Kg	1	11/16/16	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	120	J	240	100	ug/Kg	1	11/16/16	DD	SW8270D	
Carbazole	ND		170	140	ug/Kg	1	11/16/16	DD	SW8270D	
Chrysene	ND		240	120	ug/Kg	1	11/16/16	DD	SW8270D	
Dibenz(a,h)anthracene	ND		170	110	ug/Kg	1	11/16/16	DD	SW8270D	
Dibenzofuran	ND		240	100	ug/Kg	1	11/16/16	DD	SW8270D	
Diethyl phthalate	ND		240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Dimethylphthalate	ND		240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Di-n-butylphthalate	ND		240	92	ug/Kg	1	11/16/16	DD	SW8270D	
Di-n-octylphthalate	ND		240	89	ug/Kg	1	11/16/16	DD	SW8270D	
Fluoranthene	ND		240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Fluorene	ND		240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Hexachlorobenzene	ND		170	100	ug/Kg	1	11/16/16	DD	SW8270D	
Hexachlorobutadiene	ND		240	130	ug/Kg	1	11/16/16	DD	SW8270D	
Hexachlorocyclopentadiene	ND		240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Hexachloroethane	ND		170	100	ug/Kg	1	11/16/16	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND		240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Isophorone	ND		1300	1300	ug/Kg	1	11/16/16	DD	SW8270D	
Naphthalene	ND		240	100	ug/Kg	1	11/16/16	DD	SW8270D	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	170	120	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodimethylamine	ND	240	98	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	170	110	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	1	11/16/16	DD	SW8270D
Pentachloronitrobenzene	ND	240	130	ug/Kg	1	11/16/16	DD	SW8270D
Pentachlorophenol	ND	210	130	ug/Kg	1	11/16/16	DD	SW8270D
Phenanthrene	ND	240	99	ug/Kg	1	11/16/16	DD	SW8270D
Phenol	ND	240	110	ug/Kg	1	11/16/16	DD	SW8270D
Pyrene	ND	240	120	ug/Kg	1	11/16/16	DD	SW8270D
Pyridine	ND	240	85	ug/Kg	1	11/16/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	66			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorobiphenyl	74			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorophenol	71			%	1	11/16/16	DD	30 - 130 %
% Nitrobenzene-d5	73			%	1	11/16/16	DD	30 - 130 %
% Phenol-d5	79			%	1	11/16/16	DD	30 - 130 %
% Terphenyl-d14	82			%	1	11/16/16	DD	30 - 130 %

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/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
November 22, 2016
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

November 22, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TG	11/15/16	13:00
Location Code:	EBC	Received by:	LB	11/16/16	14:19
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV85796
Phoenix ID: BV85798

Project ID: 260 WEST 126TH ST., NY
Client ID: SB6 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	ND	0.35	0.35	mg/Kg	1	11/18/16	TH	SW6010C	
Aluminum	3260	35	7.0	mg/Kg	10	11/18/16	TH	SW6010C	
Arsenic	3.05	0.70	0.70	mg/Kg	1	11/18/16	TH	SW6010C	
Barium	56.2	0.7	0.35	mg/Kg	1	11/18/16	TH	SW6010C	
Beryllium	0.57	0.28	0.14	mg/Kg	1	11/18/16	TH	SW6010C	
Calcium	5140	3.5	3.2	mg/Kg	1	11/18/16	TH	SW6010C	
Cadmium	0.62	0.35	0.35	mg/Kg	1	11/18/16	TH	SW6010C	
Cobalt	4.28	0.35	0.35	mg/Kg	1	11/18/16	TH	SW6010C	
Chromium	8.48	0.35	0.35	mg/Kg	1	11/18/16	LK	SW6010C	B
Copper	14.1	0.35	0.35	mg/kg	1	11/18/16	TH	SW6010C	
Iron	23800	35	35	mg/Kg	10	11/18/16	TH	SW6010C	
Mercury	0.45	0.03	0.02	mg/Kg	1	11/17/16	RS	SW7471B	
Potassium	800	7	2.7	mg/Kg	1	11/18/16	LK	SW6010C	
Magnesium	1450	3.5	3.5	mg/Kg	1	11/18/16	TH	SW6010C	
Manganese	179	3.5	3.5	mg/Kg	10	11/18/16	TH	SW6010C	
Sodium	189	7	3.0	mg/Kg	1	11/18/16	TH	SW6010C	
Nickel	9.77	0.35	0.35	mg/Kg	1	11/18/16	TH	SW6010C	
Lead	235	7.0	3.5	mg/Kg	10	11/18/16	TH	SW6010C	
Antimony	ND	1.8	1.8	mg/Kg	1	11/18/16	TH	SW6010C	
Selenium	ND	1.4	1.2	mg/Kg	1	11/18/16	LK	SW6010C	
Thallium	ND	1.4	1.4	mg/Kg	1	11/18/16	TH	SW6010C	
Vanadium	15.0	0.35	0.35	mg/Kg	1	11/18/16	TH	SW6010C	
Zinc	92.8	0.7	0.35	mg/Kg	1	11/18/16	TH	SW6010C	B
Percent Solid	96			%		11/16/16	W	SW846-%Solid	
Soil Extraction for PCB	Completed					11/16/16	BC/V	SW3545A	
Soil Extraction for Pest	Completed					11/16/16	BC/V	SW3545A	
Soil Extraction for SVOA	Completed					11/16/16	BJ/CKV	SW3545A	
Mercury Digestion	Completed					11/17/16	W/W	SW7471B	

Ver 1

Project ID: 260 WEST 126TH ST., NY
Client ID: SB6 (0-2)

Phoenix I.D.: BV85798

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/16/16	X/AG	SW3050B
Field Extraction	Completed					11/15/16		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	67	67	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1221	ND	67	67	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1232	ND	67	67	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1242	ND	67	67	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1248	ND	67	67	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1254	ND	67	67	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1260	ND	67	67	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1262	ND	67	67	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1268	ND	67	67	ug/Kg	2	11/17/16	AW	SW8082A
QA/QC Surrogates								
% DCBP	77			%	2	11/17/16	AW	40 - 140 %
% TCMX	73			%	2	11/17/16	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.0	2.0	ug/Kg	2	11/17/16	CE	SW8081B
4,4' -DDE	12	2.0	2.0	ug/Kg	2	11/17/16	CE	SW8081B
4,4' -DDT	3.9	2.0	2.0	ug/Kg	2	11/17/16	CE	SW8081B
a-BHC	ND	6.7	6.7	ug/Kg	2	11/17/16	CE	SW8081B
a-Chlordane	ND	3.4	3.4	ug/Kg	2	11/17/16	CE	SW8081B
Aldrin	ND	3.4	3.4	ug/Kg	2	11/17/16	CE	SW8081B
b-BHC	ND	6.7	6.7	ug/Kg	2	11/17/16	CE	SW8081B
Chlordane	ND	34	34	ug/Kg	2	11/17/16	CE	SW8081B
d-BHC	ND	6.7	6.7	ug/Kg	2	11/17/16	CE	SW8081B
Dieldrin	ND	3.4	3.4	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan I	ND	6.7	6.7	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan II	ND	6.7	6.7	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan sulfate	ND	6.7	6.7	ug/Kg	2	11/17/16	CE	SW8081B
Endrin	ND	6.7	6.7	ug/Kg	2	11/17/16	CE	SW8081B
Endrin aldehyde	ND	6.7	6.7	ug/Kg	2	11/17/16	CE	SW8081B
Endrin ketone	ND	6.7	6.7	ug/Kg	2	11/17/16	CE	SW8081B
g-BHC	ND	1.3	1.3	ug/Kg	2	11/17/16	CE	SW8081B
g-Chlordane	ND	3.4	3.4	ug/Kg	2	11/17/16	CE	SW8081B
Heptachlor	ND	6.7	6.7	ug/Kg	2	11/17/16	CE	SW8081B
Heptachlor epoxide	ND	6.7	6.7	ug/Kg	2	11/17/16	CE	SW8081B
Methoxychlor	ND	34	34	ug/Kg	2	11/17/16	CE	SW8081B
Toxaphene	ND	130	130	ug/Kg	2	11/17/16	CE	SW8081B
QA/QC Surrogates								
% DCBP	100			%	2	11/17/16	CE	40 - 140 %
% TCMX	61			%	2	11/17/16	CE	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	3.0	0.59	ug/Kg	1	11/17/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.0	0.59	ug/Kg	1	11/17/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.0	0.59	ug/Kg	1	11/17/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.0	0.59	ug/Kg	1	11/17/16	JLI	SW8260C

Project ID: 260 WEST 126TH ST., NY
Client ID: SB6 (0-2)

Phoenix I.D.: BV85798

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloroethene	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
1,1-Dichloropropene	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		3.0	0.59	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		3.0	0.59	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		3.0	0.59	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dibromoethane	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dichloroethane	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dichloropropane	ND		3.0	0.59	ug/Kg	1	11/17/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
1,3-Dichloropropane	ND		3.0	0.59	ug/Kg	1	11/17/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
2,2-Dichloropropane	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
2-Chlorotoluene	ND		3.0	0.59	ug/Kg	1	11/17/16	JLI	SW8260C	
2-Hexanone	ND		15	3.0	ug/Kg	1	11/17/16	JLI	SW8260C	
2-Isopropyltoluene	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	1
4-Chlorotoluene	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND		15	3.0	ug/Kg	1	11/17/16	JLI	SW8260C	
Acetone	15	S	15	3.0	ug/Kg	1	11/17/16	JLI	SW8260C	
Acrylonitrile	ND		5.9	0.59	ug/Kg	1	11/17/16	JLI	SW8260C	
Benzene	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromobenzene	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromochloromethane	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromodichloromethane	ND		3.0	0.59	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromoform	ND		3.0	0.59	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromomethane	ND		3.0	1.2	ug/Kg	1	11/17/16	JLI	SW8260C	
Carbon Disulfide	ND		3.0	0.59	ug/Kg	1	11/17/16	JLI	SW8260C	
Carbon tetrachloride	ND		3.0	0.59	ug/Kg	1	11/17/16	JLI	SW8260C	
Chlorobenzene	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
Chloroethane	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
Chloroform	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
Chloromethane	ND		3.0	0.59	ug/Kg	1	11/17/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
Dibromochloromethane	ND		3.0	0.59	ug/Kg	1	11/17/16	JLI	SW8260C	
Dibromomethane	ND		3.0	0.59	ug/Kg	1	11/17/16	JLI	SW8260C	
Dichlorodifluoromethane	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
Ethylbenzene	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
Hexachlorobutadiene	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
Isopropylbenzene	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
m&p-Xylene	ND		3.0	0.59	ug/Kg	1	11/17/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND		18	3.0	ug/Kg	1	11/17/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		5.9	0.59	ug/Kg	1	11/17/16	JLI	SW8260C	
Methylene chloride	ND		3.0	3.0	ug/Kg	1	11/17/16	JLI	SW8260C	
Naphthalene	ND		3.0	0.59	ug/Kg	1	11/17/16	JLI	SW8260C	
n-Butylbenzene	ND		3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	ND	3.0	0.59	ug/Kg	1	11/17/16	JLI	SW8260C	
o-Xylene	ND	3.0	0.59	ug/Kg	1	11/17/16	JLI	SW8260C	
p-Isopropyltoluene	ND	3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
sec-Butylbenzene	ND	3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
Styrene	ND	3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
tert-Butylbenzene	ND	3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
Tetrachloroethene	ND	3.0	0.59	ug/Kg	1	11/17/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	5.9	1.5	ug/Kg	1	11/17/16	JLI	SW8260C	1
Toluene	ND	3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.9	1.5	ug/Kg	1	11/17/16	JLI	SW8260C	
Trichloroethene	ND	3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
Trichlorofluoromethane	ND	3.0	0.59	ug/Kg	1	11/17/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
Vinyl chloride	ND	3.0	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101			%	1	11/17/16	JLI	70 - 130 %	
% Bromofluorobenzene	99			%	1	11/17/16	JLI	70 - 130 %	
% Dibromofluoromethane	68			%	1	11/17/16	JLI	70 - 130 %	3
% Toluene-d8	101			%	1	11/17/16	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	45	24	ug/kg	1	11/17/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101			%	1	11/17/16	JLI	70 - 130 %	
% Bromofluorobenzene	99			%	1	11/17/16	JLI	70 - 130 %	
% Toluene-d8	101			%	1	11/17/16	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	12	0.59	ug/Kg	1	11/17/16	JLI	SW8260C	
Acrolein	ND	12	1.5	ug/Kg	1	11/17/16	JLI	SW8260C	
Acrylonitrile	ND	12	0.30	ug/Kg	1	11/17/16	JLI	SW8260C	
Tert-butyl alcohol	ND	59	12	ug/Kg	1	11/17/16	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	11/17/16	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	1	11/17/16	DD	SW8270D	
1,2-Dichlorobenzene	ND	240	95	ug/Kg	1	11/17/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	1	11/17/16	DD	SW8270D	
1,3-Dichlorobenzene	ND	240	100	ug/Kg	1	11/17/16	DD	SW8270D	
1,4-Dichlorobenzene	ND	240	100	ug/Kg	1	11/17/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND	240	180	ug/Kg	1	11/17/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND	170	110	ug/Kg	1	11/17/16	DD	SW8270D	
2,4-Dichlorophenol	ND	170	120	ug/Kg	1	11/17/16	DD	SW8270D	
2,4-Dimethylphenol	ND	240	84	ug/Kg	1	11/17/16	DD	SW8270D	
2,4-Dinitrophenol	ND	240	240	ug/Kg	1	11/17/16	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	130	ug/Kg	1	11/17/16	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	110	ug/Kg	1	11/17/16	DD	SW8270D	
2-Chloronaphthalene	ND	240	96	ug/Kg	1	11/17/16	DD	SW8270D	

Project ID: 260 WEST 126TH ST., NY
Client ID: SB6 (0-2)

Phoenix I.D.: BV85798

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Chlorophenol	ND		240	96	ug/Kg	1	11/17/16	DD	SW8270D	
2-Methylnaphthalene	ND		240	100	ug/Kg	1	11/17/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		240	160	ug/Kg	1	11/17/16	DD	SW8270D	
2-Nitroaniline	ND		240	240	ug/Kg	1	11/17/16	DD	SW8270D	
2-Nitrophenol	380		240	210	ug/Kg	1	11/17/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		240	130	ug/Kg	1	11/17/16	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		170	160	ug/Kg	1	11/17/16	DD	SW8270D	
3-Nitroaniline	ND		340	670	ug/Kg	1	11/17/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		200	67	ug/Kg	1	11/17/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		240	99	ug/Kg	1	11/17/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND		240	120	ug/Kg	1	11/17/16	DD	SW8270D	
4-Chloroaniline	ND		270	160	ug/Kg	1	11/17/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		240	110	ug/Kg	1	11/17/16	DD	SW8270D	
4-Nitroaniline	ND		340	110	ug/Kg	1	11/17/16	DD	SW8270D	
4-Nitrophenol	ND		340	150	ug/Kg	1	11/17/16	DD	SW8270D	
Acenaphthene	ND		240	100	ug/Kg	1	11/17/16	DD	SW8270D	
Acenaphthylene	ND		240	94	ug/Kg	1	11/17/16	DD	SW8270D	
Acetophenone	ND		240	110	ug/Kg	1	11/17/16	DD	SW8270D	
Aniline	ND		270	270	ug/Kg	1	11/17/16	DD	SW8270D	
Anthracene	ND		240	110	ug/Kg	1	11/17/16	DD	SW8270D	
Benz(a)anthracene	ND		240	110	ug/Kg	1	11/17/16	DD	SW8270D	
Benzidine	ND		340	200	ug/Kg	1	11/17/16	DD	SW8270D	
Benzo(a)pyrene	ND		170	110	ug/Kg	1	11/17/16	DD	SW8270D	
Benzo(b)fluoranthene	ND		240	120	ug/Kg	1	11/17/16	DD	SW8270D	
Benzo(ghi)perylene	ND		240	110	ug/Kg	1	11/17/16	DD	SW8270D	
Benzo(k)fluoranthene	ND		240	110	ug/Kg	1	11/17/16	DD	SW8270D	
Benzoic acid	ND		1700	670	ug/Kg	1	11/17/16	DD	SW8270D	1
Benzyl butyl phthalate	ND		240	87	ug/Kg	1	11/17/16	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		240	93	ug/Kg	1	11/17/16	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		170	91	ug/Kg	1	11/17/16	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		240	94	ug/Kg	1	11/17/16	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		240	97	ug/Kg	1	11/17/16	DD	SW8270D	
Carbazole	ND		170	130	ug/Kg	1	11/17/16	DD	SW8270D	
Chrysene	ND		240	110	ug/Kg	1	11/17/16	DD	SW8270D	
Dibenz(a,h)anthracene	ND		170	110	ug/Kg	1	11/17/16	DD	SW8270D	
Dibenzofuran	ND		240	98	ug/Kg	1	11/17/16	DD	SW8270D	
Diethyl phthalate	ND		240	110	ug/Kg	1	11/17/16	DD	SW8270D	
Dimethylphthalate	ND		240	100	ug/Kg	1	11/17/16	DD	SW8270D	
Di-n-butylphthalate	ND		240	90	ug/Kg	1	11/17/16	DD	SW8270D	
Di-n-octylphthalate	ND		240	87	ug/Kg	1	11/17/16	DD	SW8270D	
Fluoranthene	170	J	240	110	ug/Kg	1	11/17/16	DD	SW8270D	
Fluorene	ND		240	110	ug/Kg	1	11/17/16	DD	SW8270D	
Hexachlorobenzene	ND		170	98	ug/Kg	1	11/17/16	DD	SW8270D	
Hexachlorobutadiene	ND		240	120	ug/Kg	1	11/17/16	DD	SW8270D	
Hexachlorocyclopentadiene	ND		240	100	ug/Kg	1	11/17/16	DD	SW8270D	
Hexachloroethane	ND		170	100	ug/Kg	1	11/17/16	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND		240	110	ug/Kg	1	11/17/16	DD	SW8270D	
Isophorone	ND		2300	2300	ug/Kg	1	11/17/16	DD	SW8270D	
Naphthalene	ND		240	97	ug/Kg	1	11/17/16	DD	SW8270D	

Project ID: 260 WEST 126TH ST., NY
Client ID: SB6 (0-2)

Phoenix I.D.: BV85798

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND		170	120	ug/Kg	1	11/17/16	DD	SW8270D
N-Nitrosodimethylamine	ND		240	95	ug/Kg	1	11/17/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND		170	110	ug/Kg	1	11/17/16	DD	SW8270D
N-Nitrosodiphenylamine	ND		240	130	ug/Kg	1	11/17/16	DD	SW8270D
Pentachloronitrobenzene	ND		240	130	ug/Kg	1	11/17/16	DD	SW8270D
Pentachlorophenol	ND		200	130	ug/Kg	1	11/17/16	DD	SW8270D
Phenanthrene	110	J	240	96	ug/Kg	1	11/17/16	DD	SW8270D
Phenol	ND		240	110	ug/Kg	1	11/17/16	DD	SW8270D
Pyrene	160	J	240	120	ug/Kg	1	11/17/16	DD	SW8270D
Pyridine	ND		240	83	ug/Kg	1	11/17/16	DD	SW8270D
QA/QC Surrogates									
% 2,4,6-Tribromophenol	55				%	1	11/17/16	DD	30 - 130 %
% 2-Fluorobiphenyl	70				%	1	11/17/16	DD	30 - 130 %
% 2-Fluorophenol	65				%	1	11/17/16	DD	30 - 130 %
% Nitrobenzene-d5	65				%	1	11/17/16	DD	30 - 130 %
% Phenol-d5	72				%	1	11/17/16	DD	30 - 130 %
% Terphenyl-d14	77				%	1	11/17/16	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

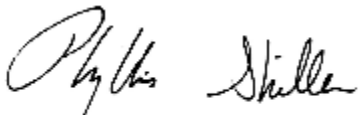
Volatile comment:

**Poor surrogate recovery was observed for volatiles due to matrix interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



Phyllis Shiller, Laboratory Director
November 22, 2016
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

November 22, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TG	11/15/16	13:30
Location Code:	EBC	Received by:	LB	11/16/16	14:19
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV85796
Phoenix ID: BV85799

Project ID: 260 WEST 126TH ST., NY
Client ID: SB6 (2-4)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	ND	0.32	0.32	mg/Kg	1	11/18/16	TH	SW6010C	
Aluminum	10500	32	6.5	mg/Kg	10	11/18/16	TH	SW6010C	
Arsenic	2.26	0.65	0.65	mg/Kg	1	11/18/16	TH	SW6010C	
Barium	122	0.6	0.32	mg/Kg	1	11/18/16	TH	SW6010C	
Beryllium	0.38	0.26	0.13	mg/Kg	1	11/18/16	TH	SW6010C	
Calcium	10600	32	30	mg/Kg	10	11/18/16	TH	SW6010C	
Cadmium	ND	0.32	0.32	mg/Kg	1	11/18/16	TH	SW6010C	
Cobalt	12.5	0.32	0.32	mg/Kg	1	11/18/16	TH	SW6010C	
Chromium	26.9	0.32	0.32	mg/Kg	1	11/18/16	LK	SW6010C	B
Copper	32.5	0.32	0.32	mg/kg	1	11/18/16	TH	SW6010C	
Iron	18600	32	32	mg/Kg	10	11/18/16	TH	SW6010C	
Mercury	0.09	0.03	0.02	mg/Kg	1	11/17/16	RS	SW7471B	
Potassium	3080	6	2.5	mg/Kg	1	11/18/16	LK	SW6010C	
Magnesium	5820	32	32	mg/Kg	10	11/18/16	TH	SW6010C	
Manganese	403	3.2	3.2	mg/Kg	10	11/18/16	TH	SW6010C	
Sodium	286	6	2.8	mg/Kg	1	11/18/16	TH	SW6010C	
Nickel	30.0	0.32	0.32	mg/Kg	1	11/18/16	TH	SW6010C	
Lead	21.2	0.6	0.32	mg/Kg	1	11/18/16	TH	SW6010C	
Antimony	ND	1.6	1.6	mg/Kg	1	11/18/16	TH	SW6010C	
Selenium	ND	1.3	1.1	mg/Kg	1	11/18/16	LK	SW6010C	
Thallium	ND	1.3	1.3	mg/Kg	1	11/18/16	TH	SW6010C	
Vanadium	44.1	0.32	0.32	mg/Kg	1	11/18/16	TH	SW6010C	
Zinc	38.9	0.6	0.32	mg/Kg	1	11/18/16	TH	SW6010C	B
Percent Solid	94			%		11/16/16	W	SW846-%Solid	
Soil Extraction for PCB	Completed					11/16/16	BC/V	SW3545A	
Soil Extraction for Pest	Completed					11/16/16	BC/V	SW3545A	
Soil Extraction for SVOA	Completed					11/16/16	BJ/CKV	SW3545A	
Mercury Digestion	Completed					11/17/16	W/W	SW7471B	

Ver 1

Project ID: 260 WEST 126TH ST., NY
Client ID: SB6 (2-4)

Phoenix I.D.: BV85799

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/16/16	X/AG	SW3050B
Field Extraction	Completed					11/15/16		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	69	69	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1221	ND	69	69	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1232	ND	69	69	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1242	ND	69	69	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1248	ND	69	69	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1254	ND	69	69	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1260	ND	69	69	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1262	ND	69	69	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1268	ND	69	69	ug/Kg	2	11/17/16	AW	SW8082A
QA/QC Surrogates								
% DCBP	82			%	2	11/17/16	AW	40 - 140 %
% TCMX	74			%	2	11/17/16	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.1	2.1	ug/Kg	2	11/17/16	CE	SW8081B
4,4' -DDE	3.8	2.1	2.1	ug/Kg	2	11/17/16	CE	SW8081B
4,4' -DDT	13	2.1	2.1	ug/Kg	2	11/17/16	CE	SW8081B
a-BHC	ND	6.9	6.9	ug/Kg	2	11/17/16	CE	SW8081B
a-Chlordane	ND	3.5	3.5	ug/Kg	2	11/17/16	CE	SW8081B
Aldrin	ND	3.5	3.5	ug/Kg	2	11/17/16	CE	SW8081B
b-BHC	ND	6.9	6.9	ug/Kg	2	11/17/16	CE	SW8081B
Chlordane	ND	35	35	ug/Kg	2	11/17/16	CE	SW8081B
d-BHC	ND	6.9	6.9	ug/Kg	2	11/17/16	CE	SW8081B
Dieldrin	ND	3.5	3.5	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan I	ND	6.9	6.9	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan II	ND	6.9	6.9	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan sulfate	ND	6.9	6.9	ug/Kg	2	11/17/16	CE	SW8081B
Endrin	ND	6.9	6.9	ug/Kg	2	11/17/16	CE	SW8081B
Endrin aldehyde	ND	6.9	6.9	ug/Kg	2	11/17/16	CE	SW8081B
Endrin ketone	ND	6.9	6.9	ug/Kg	2	11/17/16	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	11/17/16	CE	SW8081B
g-Chlordane	ND	3.5	3.5	ug/Kg	2	11/17/16	CE	SW8081B
Heptachlor	ND	6.9	6.9	ug/Kg	2	11/17/16	CE	SW8081B
Heptachlor epoxide	ND	6.9	6.9	ug/Kg	2	11/17/16	CE	SW8081B
Methoxychlor	ND	35	35	ug/Kg	2	11/17/16	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	11/17/16	CE	SW8081B
QA/QC Surrogates								
% DCBP	80			%	2	11/17/16	CE	40 - 140 %
% TCMX	50			%	2	11/17/16	CE	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	3.6	0.72	ug/Kg	1	11/17/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.6	0.72	ug/Kg	1	11/17/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.6	0.72	ug/Kg	1	11/17/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.6	0.72	ug/Kg	1	11/17/16	JLI	SW8260C

Project ID: 260 WEST 126TH ST., NY
Client ID: SB6 (2-4)

Phoenix I.D.: BV85799

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloroethene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
1,1-Dichloropropene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	3.6	0.72	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	3.6	0.72	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	3.6	0.72	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dibromoethane	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dichloroethane	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dichloropropane	ND	3.6	0.72	ug/Kg	1	11/17/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
1,3-Dichloropropane	ND	3.6	0.72	ug/Kg	1	11/17/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
2,2-Dichloropropane	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
2-Chlorotoluene	ND	3.6	0.72	ug/Kg	1	11/17/16	JLI	SW8260C	
2-Hexanone	ND	18	3.6	ug/Kg	1	11/17/16	JLI	SW8260C	
2-Isopropyltoluene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	1
4-Chlorotoluene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND	18	3.6	ug/Kg	1	11/17/16	JLI	SW8260C	
Acetone	ND	18	3.6	ug/Kg	1	11/17/16	JLI	SW8260C	
Acrylonitrile	ND	7.2	0.72	ug/Kg	1	11/17/16	JLI	SW8260C	
Benzene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromobenzene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromochloromethane	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromodichloromethane	ND	3.6	0.72	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromoform	ND	3.6	0.72	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromomethane	ND	3.6	1.4	ug/Kg	1	11/17/16	JLI	SW8260C	
Carbon Disulfide	ND	3.6	0.72	ug/Kg	1	11/17/16	JLI	SW8260C	
Carbon tetrachloride	ND	3.6	0.72	ug/Kg	1	11/17/16	JLI	SW8260C	
Chlorobenzene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
Chloroethane	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
Chloroform	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
Chloromethane	ND	3.6	0.72	ug/Kg	1	11/17/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
Dibromochloromethane	ND	3.6	0.72	ug/Kg	1	11/17/16	JLI	SW8260C	
Dibromomethane	ND	3.6	0.72	ug/Kg	1	11/17/16	JLI	SW8260C	
Dichlorodifluoromethane	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
Ethylbenzene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
Hexachlorobutadiene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
Isopropylbenzene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
m&p-Xylene	ND	3.6	0.72	ug/Kg	1	11/17/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND	22	3.6	ug/Kg	1	11/17/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	7.2	0.72	ug/Kg	1	11/17/16	JLI	SW8260C	
Methylene chloride	ND	3.6	3.6	ug/Kg	1	11/17/16	JLI	SW8260C	
Naphthalene	ND	3.6	0.72	ug/Kg	1	11/17/16	JLI	SW8260C	
n-Butylbenzene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	

Ver 1

Project ID: 260 WEST 126TH ST., NY
Client ID: SB6 (2-4)

Phoenix I.D.: BV85799

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	ND	3.6	0.72	ug/Kg	1	11/17/16	JLI	SW8260C	
o-Xylene	ND	3.6	0.72	ug/Kg	1	11/17/16	JLI	SW8260C	
p-Isopropyltoluene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
sec-Butylbenzene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
Styrene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
tert-Butylbenzene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
Tetrachloroethene	ND	3.6	0.72	ug/Kg	1	11/17/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	7.2	1.8	ug/Kg	1	11/17/16	JLI	SW8260C	1
Toluene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	7.2	1.8	ug/Kg	1	11/17/16	JLI	SW8260C	
Trichloroethene	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
Trichlorofluoromethane	ND	3.6	0.72	ug/Kg	1	11/17/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
Vinyl chloride	ND	3.6	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	11/17/16	JLI	70 - 130 %	
% Bromofluorobenzene	98			%	1	11/17/16	JLI	70 - 130 %	
% Dibromofluoromethane	96			%	1	11/17/16	JLI	70 - 130 %	
% Toluene-d8	100			%	1	11/17/16	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	54	29	ug/kg	1	11/17/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	11/17/16	JLI	70 - 130 %	
% Bromofluorobenzene	98			%	1	11/17/16	JLI	70 - 130 %	
% Toluene-d8	100			%	1	11/17/16	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	14	0.72	ug/Kg	1	11/17/16	JLI	SW8260C	
Acrolein	ND	14	1.8	ug/Kg	1	11/17/16	JLI	SW8260C	
Acrylonitrile	ND	14	0.36	ug/Kg	1	11/17/16	JLI	SW8260C	
Tert-butyl alcohol	ND	72	14	ug/Kg	1	11/17/16	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	11/16/16	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	240	110	ug/Kg	1	11/16/16	DD	SW8270D	
1,2-Dichlorobenzene	ND	240	98	ug/Kg	1	11/16/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	1	11/16/16	DD	SW8270D	
1,3-Dichlorobenzene	ND	240	100	ug/Kg	1	11/16/16	DD	SW8270D	
1,4-Dichlorobenzene	ND	240	100	ug/Kg	1	11/16/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	1	11/16/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND	170	110	ug/Kg	1	11/16/16	DD	SW8270D	
2,4-Dichlorophenol	ND	170	120	ug/Kg	1	11/16/16	DD	SW8270D	
2,4-Dimethylphenol	ND	240	87	ug/Kg	1	11/16/16	DD	SW8270D	
2,4-Dinitrophenol	ND	240	240	ug/Kg	1	11/16/16	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	140	ug/Kg	1	11/16/16	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	110	ug/Kg	1	11/16/16	DD	SW8270D	
2-Chloronaphthalene	ND	240	99	ug/Kg	1	11/16/16	DD	SW8270D	

Project ID: 260 WEST 126TH ST., NY
Client ID: SB6 (2-4)

Phoenix I.D.: BV85799

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Chlorophenol	ND	240	99	ug/Kg	1	11/16/16	DD	SW8270D	
2-Methylnaphthalene	ND	240	100	ug/Kg	1	11/16/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	1	11/16/16	DD	SW8270D	
2-Nitroaniline	ND	240	240	ug/Kg	1	11/16/16	DD	SW8270D	
2-Nitrophenol	ND	240	220	ug/Kg	1	11/16/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	240	140	ug/Kg	1	11/16/16	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	170	160	ug/Kg	1	11/16/16	DD	SW8270D	
3-Nitroaniline	ND	350	700	ug/Kg	1	11/16/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	210	70	ug/Kg	1	11/16/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	240	100	ug/Kg	1	11/16/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND	240	120	ug/Kg	1	11/16/16	DD	SW8270D	
4-Chloroaniline	ND	280	160	ug/Kg	1	11/16/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	240	120	ug/Kg	1	11/16/16	DD	SW8270D	
4-Nitroaniline	ND	350	120	ug/Kg	1	11/16/16	DD	SW8270D	
4-Nitrophenol	ND	350	160	ug/Kg	1	11/16/16	DD	SW8270D	
Acenaphthene	ND	240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Acenaphthylene	ND	240	98	ug/Kg	1	11/16/16	DD	SW8270D	
Acetophenone	ND	240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Aniline	ND	280	280	ug/Kg	1	11/16/16	DD	SW8270D	
Anthracene	ND	240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Benz(a)anthracene	ND	240	120	ug/Kg	1	11/16/16	DD	SW8270D	
Benzidine	ND	350	210	ug/Kg	1	11/16/16	DD	SW8270D	
Benzo(a)pyrene	ND	170	110	ug/Kg	1	11/16/16	DD	SW8270D	
Benzo(b)fluoranthene	ND	240	120	ug/Kg	1	11/16/16	DD	SW8270D	
Benzo(ghi)perylene	ND	240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Benzo(k)fluoranthene	ND	240	120	ug/Kg	1	11/16/16	DD	SW8270D	
Benzoic acid	ND	1700	700	ug/Kg	1	11/16/16	DD	SW8270D	1
Benzyl butyl phthalate	ND	240	90	ug/Kg	1	11/16/16	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	240	96	ug/Kg	1	11/16/16	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	170	94	ug/Kg	1	11/16/16	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	240	97	ug/Kg	1	11/16/16	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	240	100	ug/Kg	1	11/16/16	DD	SW8270D	
Carbazole	ND	170	140	ug/Kg	1	11/16/16	DD	SW8270D	
Chrysene	ND	240	120	ug/Kg	1	11/16/16	DD	SW8270D	
Dibenz(a,h)anthracene	ND	170	110	ug/Kg	1	11/16/16	DD	SW8270D	
Dibenzofuran	ND	240	100	ug/Kg	1	11/16/16	DD	SW8270D	
Diethyl phthalate	ND	240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Dimethylphthalate	ND	240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Di-n-butylphthalate	ND	240	93	ug/Kg	1	11/16/16	DD	SW8270D	
Di-n-octylphthalate	ND	240	90	ug/Kg	1	11/16/16	DD	SW8270D	
Fluoranthene	ND	240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Fluorene	ND	240	120	ug/Kg	1	11/16/16	DD	SW8270D	
Hexachlorobenzene	ND	170	100	ug/Kg	1	11/16/16	DD	SW8270D	
Hexachlorobutadiene	ND	240	130	ug/Kg	1	11/16/16	DD	SW8270D	
Hexachlorocyclopentadiene	ND	240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Hexachloroethane	ND	170	100	ug/Kg	1	11/16/16	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	240	120	ug/Kg	1	11/16/16	DD	SW8270D	
Isophorone	ND	170	98	ug/Kg	1	11/16/16	DD	SW8270D	
Naphthalene	ND	240	100	ug/Kg	1	11/16/16	DD	SW8270D	

Project ID: 260 WEST 126TH ST., NY
Client ID: SB6 (2-4)

Phoenix I.D.: BV85799

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	170	120	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodimethylamine	ND	240	98	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	170	110	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	1	11/16/16	DD	SW8270D
Pentachloronitrobenzene	ND	240	130	ug/Kg	1	11/16/16	DD	SW8270D
Pentachlorophenol	ND	210	130	ug/Kg	1	11/16/16	DD	SW8270D
Phenanthrene	ND	240	100	ug/Kg	1	11/16/16	DD	SW8270D
Phenol	ND	240	110	ug/Kg	1	11/16/16	DD	SW8270D
Pyrene	ND	240	120	ug/Kg	1	11/16/16	DD	SW8270D
Pyridine	ND	240	86	ug/Kg	1	11/16/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	57			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorobiphenyl	54			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorophenol	56			%	1	11/16/16	DD	30 - 130 %
% Nitrobenzene-d5	54			%	1	11/16/16	DD	30 - 130 %
% Phenol-d5	61			%	1	11/16/16	DD	30 - 130 %
% Terphenyl-d14	65			%	1	11/16/16	DD	30 - 130 %

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/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
November 22, 2016
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

November 22, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TG	11/15/16	
Location Code:	EBC	Received by:	LB	11/16/16	14:19
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV85796
Phoenix ID: BV85800

Project ID: 260 WEST 126TH ST., NY
Client ID: SOIL DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	ND	0.38	0.38	mg/Kg	1	11/18/16	TH	SW6010C	
Aluminum	4910	38	7.5	mg/Kg	10	11/18/16	TH	SW6010C	
Arsenic	1.68	0.75	0.75	mg/Kg	1	11/18/16	TH	SW6010C	
Barium	42.2	0.8	0.38	mg/Kg	1	11/18/16	TH	SW6010C	
Beryllium	0.31	0.30	0.15	mg/Kg	1	11/18/16	TH	SW6010C	
Calcium	9560	3.8	3.5	mg/Kg	1	11/18/16	TH	SW6010C	
Cadmium	ND	0.38	0.38	mg/Kg	1	11/18/16	TH	SW6010C	
Cobalt	5.75	0.38	0.38	mg/Kg	1	11/18/16	TH	SW6010C	
Chromium	14.4	0.38	0.38	mg/Kg	1	11/18/16	LK	SW6010C	B
Copper	16.7	0.38	0.38	mg/kg	1	11/18/16	TH	SW6010C	
Iron	9460	38	38	mg/Kg	10	11/18/16	TH	SW6010C	
Mercury	ND	0.02	0.02	mg/Kg	1	11/17/16	RS	SW7471B	
Potassium	979	8	2.9	mg/Kg	1	11/18/16	LK	SW6010C	
Magnesium	2920	3.8	3.8	mg/Kg	1	11/18/16	TH	SW6010C	
Manganese	350	3.8	3.8	mg/Kg	10	11/18/16	TH	SW6010C	
Sodium	417	8	3.2	mg/Kg	1	11/18/16	TH	SW6010C	
Nickel	16.7	0.38	0.38	mg/Kg	1	11/18/16	TH	SW6010C	
Lead	33.6	0.8	0.38	mg/Kg	1	11/18/16	TH	SW6010C	
Antimony	ND	1.9	1.9	mg/Kg	1	11/18/16	TH	SW6010C	
Selenium	ND	1.5	1.3	mg/Kg	1	11/18/16	TH	SW6010C	
Thallium	ND	1.5	1.5	mg/Kg	1	11/18/16	TH	SW6010C	
Vanadium	17.6	0.38	0.38	mg/Kg	1	11/18/16	TH	SW6010C	
Zinc	20.9	0.8	0.38	mg/Kg	1	11/18/16	TH	SW6010C	B
Percent Solid	95			%		11/16/16	W	SW846-%Solid	
Soil Extraction for PCB	Completed					11/16/16	BC/V	SW3545A	
Soil Extraction for Pest	Completed					11/16/16	BC/V	SW3545A	
Soil Extraction for SVOA	Completed					11/16/16	BJ/CKV	SW3545A	
Mercury Digestion	Completed					11/17/16	W/W	SW7471B	

Ver 1

Project ID: 260 WEST 126TH ST., NY
Client ID: SOIL DUPLICATE

Phoenix I.D.: BV85800

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					11/16/16	X/AG	SW3050B
Field Extraction	Completed					11/15/16		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	70	70	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1221	ND	70	70	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1232	ND	70	70	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1242	ND	70	70	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1248	ND	70	70	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1254	ND	70	70	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1260	ND	70	70	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1262	ND	70	70	ug/Kg	2	11/17/16	AW	SW8082A
PCB-1268	ND	70	70	ug/Kg	2	11/17/16	AW	SW8082A
QA/QC Surrogates								
% DCBP	70			%	2	11/17/16	AW	40 - 140 %
% TCMX	68			%	2	11/17/16	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.1	2.1	ug/Kg	2	11/17/16	CE	SW8081B
4,4' -DDE	ND	2.1	2.1	ug/Kg	2	11/17/16	CE	SW8081B
4,4' -DDT	4.6	2.1	2.1	ug/Kg	2	11/17/16	CE	SW8081B
a-BHC	ND	7.0	7.0	ug/Kg	2	11/17/16	CE	SW8081B
a-Chlordane	ND	3.5	3.5	ug/Kg	2	11/17/16	CE	SW8081B
Aldrin	ND	3.5	3.5	ug/Kg	2	11/17/16	CE	SW8081B
b-BHC	ND	7.0	7.0	ug/Kg	2	11/17/16	CE	SW8081B
Chlordane	ND	35	35	ug/Kg	2	11/17/16	CE	SW8081B
d-BHC	ND	7.0	7.0	ug/Kg	2	11/17/16	CE	SW8081B
Dieldrin	ND	3.5	3.5	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan I	ND	7.0	7.0	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan II	ND	7.0	7.0	ug/Kg	2	11/17/16	CE	SW8081B
Endosulfan sulfate	ND	7.0	7.0	ug/Kg	2	11/17/16	CE	SW8081B
Endrin	ND	7.0	7.0	ug/Kg	2	11/17/16	CE	SW8081B
Endrin aldehyde	ND	7.0	7.0	ug/Kg	2	11/17/16	CE	SW8081B
Endrin ketone	ND	7.0	7.0	ug/Kg	2	11/17/16	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	11/17/16	CE	SW8081B
g-Chlordane	ND	3.5	3.5	ug/Kg	2	11/17/16	CE	SW8081B
Heptachlor	ND	7.0	7.0	ug/Kg	2	11/17/16	CE	SW8081B
Heptachlor epoxide	ND	7.0	7.0	ug/Kg	2	11/17/16	CE	SW8081B
Methoxychlor	ND	35	35	ug/Kg	2	11/17/16	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	11/17/16	CE	SW8081B
QA/QC Surrogates								
% DCBP	84			%	2	11/17/16	CE	40 - 140 %
% TCMX	51			%	2	11/17/16	CE	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	3.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C

Project ID: 260 WEST 126TH ST., NY
Client ID: SOIL DUPLICATE

Phoenix I.D.: BV85800

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloroethene	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
1,1-Dichloropropene	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		3.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		3.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		3.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dibromoethane	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dichloroethane	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dichloropropane	ND		3.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
1,3-Dichloropropane	ND		3.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
2,2-Dichloropropane	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
2-Chlorotoluene	ND		3.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C	
2-Hexanone	ND		20	3.9	ug/Kg	1	11/17/16	JLI	SW8260C	
2-Isopropyltoluene	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	1
4-Chlorotoluene	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND		20	3.9	ug/Kg	1	11/17/16	JLI	SW8260C	
Acetone	13	JS	20	3.9	ug/Kg	1	11/17/16	JLI	SW8260C	
Acrylonitrile	ND		7.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C	
Benzene	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromobenzene	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromochloromethane	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromodichloromethane	ND		3.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromoform	ND		3.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromomethane	ND		3.9	1.6	ug/Kg	1	11/17/16	JLI	SW8260C	
Carbon Disulfide	ND		3.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C	
Carbon tetrachloride	ND		3.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C	
Chlorobenzene	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
Chloroethane	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
Chloroform	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
Chloromethane	ND		3.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
Dibromochloromethane	ND		3.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C	
Dibromomethane	ND		3.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C	
Dichlorodifluoromethane	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
Ethylbenzene	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
Hexachlorobutadiene	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
Isopropylbenzene	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
m&p-Xylene	ND		3.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND		24	3.9	ug/Kg	1	11/17/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		7.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C	
Methylene chloride	ND		3.9	3.9	ug/Kg	1	11/17/16	JLI	SW8260C	
Naphthalene	ND		3.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C	
n-Butylbenzene	ND		3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	ND	3.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C	
o-Xylene	ND	3.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C	
p-Isopropyltoluene	ND	3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
sec-Butylbenzene	ND	3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
Styrene	ND	3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
tert-Butylbenzene	ND	3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
Tetrachloroethene	ND	3.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	7.9	2.0	ug/Kg	1	11/17/16	JLI	SW8260C	1
Toluene	ND	3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	7.9	2.0	ug/Kg	1	11/17/16	JLI	SW8260C	
Trichloroethene	ND	3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
Trichlorofluoromethane	ND	3.9	0.79	ug/Kg	1	11/17/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
Vinyl chloride	ND	3.9	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	11/17/16	JLI	70 - 130 %	
% Bromofluorobenzene	99			%	1	11/17/16	JLI	70 - 130 %	
% Dibromofluoromethane	81			%	1	11/17/16	JLI	70 - 130 %	
% Toluene-d8	101			%	1	11/17/16	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	59	32	ug/kg	1	11/17/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	11/17/16	JLI	70 - 130 %	
% Bromofluorobenzene	99			%	1	11/17/16	JLI	70 - 130 %	
% Toluene-d8	101			%	1	11/17/16	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	16	0.79	ug/Kg	1	11/17/16	JLI	SW8260C	
Acrolein	ND	16	2.0	ug/Kg	1	11/17/16	JLI	SW8260C	
Acrylonitrile	ND	16	0.39	ug/Kg	1	11/17/16	JLI	SW8260C	
Tert-butyl alcohol	ND	79	16	ug/Kg	1	11/17/16	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	11/16/16	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	1	11/16/16	DD	SW8270D	
1,2-Dichlorobenzene	ND	240	98	ug/Kg	1	11/16/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	1	11/16/16	DD	SW8270D	
1,3-Dichlorobenzene	ND	240	100	ug/Kg	1	11/16/16	DD	SW8270D	
1,4-Dichlorobenzene	ND	240	100	ug/Kg	1	11/16/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	1	11/16/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND	170	110	ug/Kg	1	11/16/16	DD	SW8270D	
2,4-Dichlorophenol	ND	170	120	ug/Kg	1	11/16/16	DD	SW8270D	
2,4-Dimethylphenol	ND	240	86	ug/Kg	1	11/16/16	DD	SW8270D	
2,4-Dinitrophenol	ND	240	240	ug/Kg	1	11/16/16	DD	SW8270D	
2,4-Dinitrotoluene	ND	170	140	ug/Kg	1	11/16/16	DD	SW8270D	
2,6-Dinitrotoluene	ND	170	110	ug/Kg	1	11/16/16	DD	SW8270D	
2-Chloronaphthalene	ND	240	98	ug/Kg	1	11/16/16	DD	SW8270D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Chlorophenol	ND		240	98	ug/Kg	1	11/16/16	DD	SW8270D	
2-Methylnaphthalene	ND		240	100	ug/Kg	1	11/16/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		240	160	ug/Kg	1	11/16/16	DD	SW8270D	
2-Nitroaniline	ND		240	240	ug/Kg	1	11/16/16	DD	SW8270D	
2-Nitrophenol	ND		240	220	ug/Kg	1	11/16/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		240	140	ug/Kg	1	11/16/16	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		170	160	ug/Kg	1	11/16/16	DD	SW8270D	
3-Nitroaniline	ND		350	690	ug/Kg	1	11/16/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		210	69	ug/Kg	1	11/16/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		240	100	ug/Kg	1	11/16/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND		240	120	ug/Kg	1	11/16/16	DD	SW8270D	
4-Chloroaniline	ND		280	160	ug/Kg	1	11/16/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		240	120	ug/Kg	1	11/16/16	DD	SW8270D	
4-Nitroaniline	ND		350	120	ug/Kg	1	11/16/16	DD	SW8270D	
4-Nitrophenol	ND		350	160	ug/Kg	1	11/16/16	DD	SW8270D	
Acenaphthene	ND		240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Acenaphthylene	ND		240	97	ug/Kg	1	11/16/16	DD	SW8270D	
Acetophenone	ND		240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Aniline	ND		280	280	ug/Kg	1	11/16/16	DD	SW8270D	
Anthracene	ND		240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Benz(a)anthracene	ND		240	120	ug/Kg	1	11/16/16	DD	SW8270D	
Benzidine	ND		350	200	ug/Kg	1	11/16/16	DD	SW8270D	
Benzo(a)pyrene	ND		170	110	ug/Kg	1	11/16/16	DD	SW8270D	
Benzo(b)fluoranthene	ND		240	120	ug/Kg	1	11/16/16	DD	SW8270D	
Benzo(ghi)perylene	ND		240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Benzo(k)fluoranthene	ND		240	120	ug/Kg	1	11/16/16	DD	SW8270D	
Benzoic acid	ND		1700	690	ug/Kg	1	11/16/16	DD	SW8270D	1
Benzyl butyl phthalate	ND		240	89	ug/Kg	1	11/16/16	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		240	96	ug/Kg	1	11/16/16	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		170	94	ug/Kg	1	11/16/16	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		240	96	ug/Kg	1	11/16/16	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	160	J	240	100	ug/Kg	1	11/16/16	DD	SW8270D	
Carbazole	ND		170	140	ug/Kg	1	11/16/16	DD	SW8270D	
Chrysene	ND		240	120	ug/Kg	1	11/16/16	DD	SW8270D	
Dibenz(a,h)anthracene	ND		170	110	ug/Kg	1	11/16/16	DD	SW8270D	
Dibenzofuran	ND		240	100	ug/Kg	1	11/16/16	DD	SW8270D	
Diethyl phthalate	ND		240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Dimethylphthalate	ND		240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Di-n-butylphthalate	ND		240	92	ug/Kg	1	11/16/16	DD	SW8270D	
Di-n-octylphthalate	ND		240	89	ug/Kg	1	11/16/16	DD	SW8270D	
Fluoranthene	ND		240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Fluorene	ND		240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Hexachlorobenzene	ND		170	100	ug/Kg	1	11/16/16	DD	SW8270D	
Hexachlorobutadiene	ND		240	130	ug/Kg	1	11/16/16	DD	SW8270D	
Hexachlorocyclopentadiene	ND		240	110	ug/Kg	1	11/16/16	DD	SW8270D	
Hexachloroethane	ND		170	100	ug/Kg	1	11/16/16	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND		240	120	ug/Kg	1	11/16/16	DD	SW8270D	
Isophorone	ND		1400	1400	ug/Kg	1	11/16/16	DD	SW8270D	
Naphthalene	ND		240	100	ug/Kg	1	11/16/16	DD	SW8270D	

Project ID: 260 WEST 126TH ST., NY
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Phoenix I.D.: BV85800

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	170	120	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodimethylamine	ND	240	98	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	170	110	ug/Kg	1	11/16/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	1	11/16/16	DD	SW8270D
Pentachloronitrobenzene	ND	240	130	ug/Kg	1	11/16/16	DD	SW8270D
Pentachlorophenol	ND	210	130	ug/Kg	1	11/16/16	DD	SW8270D
Phenanthrene	ND	240	99	ug/Kg	1	11/16/16	DD	SW8270D
Phenol	ND	240	110	ug/Kg	1	11/16/16	DD	SW8270D
Pyrene	ND	240	120	ug/Kg	1	11/16/16	DD	SW8270D
Pyridine	ND	240	85	ug/Kg	1	11/16/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	68			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorobiphenyl	72			%	1	11/16/16	DD	30 - 130 %
% 2-Fluorophenol	68			%	1	11/16/16	DD	30 - 130 %
% Nitrobenzene-d5	67			%	1	11/16/16	DD	30 - 130 %
% Phenol-d5	75			%	1	11/16/16	DD	30 - 130 %
% Terphenyl-d14	78			%	1	11/16/16	DD	30 - 130 %

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/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
November 22, 2016
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

November 22, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TG	11/15/16	
Location Code:	EBC	Received by:	LB	11/16/16	14:19
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV85796
Phoenix ID: BV85801

Project ID: 260 WEST 126TH ST., NY
Client ID: TRIP BLANK HL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed					11/15/16		SW5035A	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	250	50	ug/Kg	50	11/17/16	JLI	SW8260C	
1,1,1-Trichloroethane	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	250	50	ug/Kg	50	11/17/16	JLI	SW8260C	
1,1,2-Trichloroethane	ND	250	50	ug/Kg	50	11/17/16	JLI	SW8260C	
1,1-Dichloroethane	ND	250	50	ug/Kg	50	11/17/16	JLI	SW8260C	
1,1-Dichloroethene	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
1,1-Dichloropropene	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	250	50	ug/Kg	50	11/17/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	250	50	ug/Kg	50	11/17/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	250	50	ug/Kg	50	11/17/16	JLI	SW8260C	
1,2-Dibromoethane	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
1,2-Dichloroethane	ND	25	25	ug/Kg	50	11/17/16	JLI	SW8260C	
1,2-Dichloropropane	ND	250	50	ug/Kg	50	11/17/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
1,3-Dichloropropane	ND	250	50	ug/Kg	50	11/17/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
2,2-Dichloropropane	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
2-Chlorotoluene	ND	250	50	ug/Kg	50	11/17/16	JLI	SW8260C	
2-Hexanone	ND	1300	250	ug/Kg	50	11/17/16	JLI	SW8260C	
2-Isopropyltoluene	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	1
4-Chlorotoluene	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	

Project ID: 260 WEST 126TH ST., NY
Client ID: TRIP BLANK HL

Phoenix I.D.: BV85801

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	1300	250	ug/Kg	50	11/17/16	JLI	SW8260C	
Acetone	ND	250	250	ug/Kg	50	11/17/16	JLI	SW8260C	
Acrylonitrile	ND	500	50	ug/Kg	50	11/17/16	JLI	SW8260C	
Benzene	ND	60	25	ug/Kg	50	11/17/16	JLI	SW8260C	
Bromobenzene	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
Bromochloromethane	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
Bromodichloromethane	ND	250	50	ug/Kg	50	11/17/16	JLI	SW8260C	
Bromoform	ND	250	50	ug/Kg	50	11/17/16	JLI	SW8260C	
Bromomethane	ND	250	100	ug/Kg	50	11/17/16	JLI	SW8260C	
Carbon Disulfide	ND	250	50	ug/Kg	50	11/17/16	JLI	SW8260C	
Carbon tetrachloride	ND	250	50	ug/Kg	50	11/17/16	JLI	SW8260C	
Chlorobenzene	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
Chloroethane	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
Chloroform	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
Chloromethane	ND	250	50	ug/Kg	50	11/17/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
Dibromochloromethane	ND	250	50	ug/Kg	50	11/17/16	JLI	SW8260C	
Dibromomethane	ND	250	50	ug/Kg	50	11/17/16	JLI	SW8260C	
Dichlorodifluoromethane	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
Ethylbenzene	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
Hexachlorobutadiene	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
Isopropylbenzene	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
m&p-Xylene	ND	250	50	ug/Kg	50	11/17/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND	250	250	ug/Kg	50	11/17/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	500	50	ug/Kg	50	11/17/16	JLI	SW8260C	
Methylene chloride	ND	250	250	ug/Kg	50	11/17/16	JLI	SW8260C	
Naphthalene	ND	250	50	ug/Kg	50	11/17/16	JLI	SW8260C	
n-Butylbenzene	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
n-Propylbenzene	ND	250	50	ug/Kg	50	11/17/16	JLI	SW8260C	
o-Xylene	ND	250	50	ug/Kg	50	11/17/16	JLI	SW8260C	
p-Isopropyltoluene	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
sec-Butylbenzene	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
Styrene	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
tert-Butylbenzene	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
Tetrachloroethene	ND	250	50	ug/Kg	50	11/17/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	500	130	ug/Kg	50	11/17/16	JLI	SW8260C	1
Toluene	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	190	25	ug/Kg	50	11/17/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	500	130	ug/Kg	50	11/17/16	JLI	SW8260C	
Trichloroethene	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
Trichlorofluoromethane	ND	250	50	ug/Kg	50	11/17/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	250	25	ug/Kg	50	11/17/16	JLI	SW8260C	
Vinyl chloride	ND	25	25	ug/Kg	50	11/17/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98			%	50	11/17/16	JLI	70 - 130 %	
% Bromofluorobenzene	100			%	50	11/17/16	JLI	70 - 130 %	
% Dibromofluoromethane	94			%	50	11/17/16	JLI	70 - 130 %	

Ver 1

Project ID: 260 WEST 126TH ST., NY
Client ID: TRIP BLANK HL

Phoenix I.D.: BV85801

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	50	11/17/16	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	2000	2000	ug/kg	50	11/17/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	50	11/17/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	50	11/17/16	JLI	70 - 130 %
% Toluene-d8	100			%	50	11/17/16	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1000	50	ug/Kg	50	11/17/16	JLI	SW8260C
Acrolein	ND	1000	130	ug/Kg	50	11/17/16	JLI	SW8260C
Acrylonitrile	ND	1000	25	ug/Kg	50	11/17/16	JLI	SW8260C
Tert-butyl alcohol	ND	5000	1000	ug/Kg	50	11/17/16	JLI	SW8260C

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

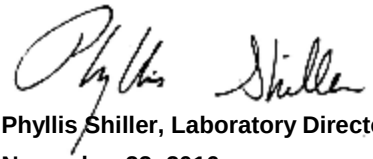
TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

Volatile Comment:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



Phyllis Shiller, Laboratory Director
November 22, 2016
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

November 22, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TG	11/15/16	
Location Code:	EBC	Received by:	LB	11/16/16	14:19
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV85796
Phoenix ID: BV85802

Project ID: 260 WEST 126TH ST., NY
Client ID: TRIP BLANK LL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed					11/15/16		SW5035A	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
1,1,2-Trichloroethane	ND	5.0	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
1,1-Dichloroethane	ND	5.0	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
1,1-Dichloroethene	ND	5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
1,1-Dichloropropene	ND	5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND	5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dibromoethane	ND	5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dichloroethane	ND	5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
1,2-Dichloropropane	ND	5.0	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
1,3-Dichloropropane	ND	5.0	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
2,2-Dichloropropane	ND	5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
2-Chlorotoluene	ND	5.0	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
2-Hexanone	ND	25	5.0	ug/Kg	1	11/17/16	JLI	SW8260C	
2-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	1
4-Chlorotoluene	ND	5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	

Project ID: 260 WEST 126TH ST., NY
Client ID: TRIP BLANK LL

Phoenix I.D.: BV85802

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		25	5.0	ug/Kg	1	11/17/16	JLI	SW8260C	
Acetone	20	JS	25	5.0	ug/Kg	1	11/17/16	JLI	SW8260C	
Acrylonitrile	ND		10	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
Benzene	ND		5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromobenzene	ND		5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromochloromethane	ND		5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromodichloromethane	ND		5.0	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromoform	ND		5.0	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
Bromomethane	ND		5.0	2.0	ug/Kg	1	11/17/16	JLI	SW8260C	
Carbon Disulfide	ND		5.0	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
Carbon tetrachloride	ND		5.0	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
Chlorobenzene	ND		5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
Chloroethane	ND		5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
Chloroform	ND		5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
Chloromethane	ND		5.0	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
Dibromochloromethane	ND		5.0	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
Dibromomethane	ND		5.0	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
Ethylbenzene	ND		5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
Hexachlorobutadiene	ND		5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
Isopropylbenzene	ND		5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
m&p-Xylene	ND		5.0	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND		30	5.0	ug/Kg	1	11/17/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		10	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
Methylene chloride	ND		5.0	5.0	ug/Kg	1	11/17/16	JLI	SW8260C	
Naphthalene	ND		5.0	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
n-Butylbenzene	ND		5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
n-Propylbenzene	ND		5.0	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
o-Xylene	ND		5.0	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
p-Isopropyltoluene	ND		5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
sec-Butylbenzene	ND		5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
Styrene	ND		5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
tert-Butylbenzene	ND		5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
Tetrachloroethene	ND		5.0	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		10	2.5	ug/Kg	1	11/17/16	JLI	SW8260C	1
Toluene	ND		5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		10	2.5	ug/Kg	1	11/17/16	JLI	SW8260C	
Trichloroethene	ND		5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg	1	11/17/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND		5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
Vinyl chloride	ND		5.0	0.50	ug/Kg	1	11/17/16	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	11/17/16	JLI	70 - 130 %	
% Bromofluorobenzene	98				%	1	11/17/16	JLI	70 - 130 %	
% Dibromofluoromethane	93				%	1	11/17/16	JLI	70 - 130 %	

Ver 1

Project ID: 260 WEST 126TH ST., NY
Client ID: TRIP BLANK LL

Phoenix I.D.: BV85802

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	1	11/17/16	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	75	40	ug/kg	1	11/17/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	11/17/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/17/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/17/16	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	20	1.0	ug/Kg	1	11/17/16	JLI	SW8260C
Acrolein	ND	20	2.5	ug/Kg	1	11/17/16	JLI	SW8260C
Acrylonitrile	ND	20	0.50	ug/Kg	1	11/17/16	JLI	SW8260C
Tert-butyl alcohol	ND	100	20	ug/Kg	1	11/17/16	JLI	SW8260C

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
November 22, 2016
Reviewed and Released by: Ethan Lee, Project Manager

Tuesday, November 22, 2016

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GBV85796 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BV85796	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.53	0.03	0.18	0.18	mg/Kg
BV85798	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	3.9	2.0	3.3	3.3	ug/Kg
BV85798	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	12	2.0	3.3	3.3	ug/Kg
BV85798	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.45	0.03	0.18	0.18	mg/Kg
BV85798	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	235	7.0	63	63	mg/Kg
BV85799	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	13	2.1	3.3	3.3	ug/Kg
BV85799	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	3.8	2.1	3.3	3.3	ug/Kg
BV85800	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	4.6	2.1	3.3	3.3	ug/Kg

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY Temperature Narration

November 22, 2016

SDG I.D.: GBV85796

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 4 °C Pg 1 of 1

Contact Options:
[ ] Fax:
[ ] Phone: 631-504-6000
[X] Email: File

Customer: Environmental Business Consultants
Address: 1808 Middle Country Road
Ridge, NY 11961

Project: 200 West 126th Street NY
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Thomas Gallo Date: 11-15-16

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs 8270	Pesticides/PCBs	TAL Metals	Soil VOA Vials Methanol [ ] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 1250ml [ ] 1500ml [ ] 1000ml	PL H2SO4 [ ] 1250ml [ ] 1500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
85796	SB1(0-2)	S	11-15-16	11:00	X	X	X	X	2	1	1							
85797	SB1(2-4)	S	11-15-16	11:30	X	X	X	X	2	1	1							
85798	SB6(0-2)	S	11-15-16	13:00	X	X	X	X	2	1	1							
85799	SB6(2-4)	S	11-15-16	13:30	X	X	X	X	2	1	1							
85800	Soil Duplicate	S	11-15-16		X	X	X	X	2	1	1							
85801	Tripblank HL				X					1								
85802	Tripblank LL				X				2									

Relinquished by:	Accepted by:	Date:	Time:
		11-16-16	8:55
		11-16-16	14:19

Comments, Special Requirements or Regulations:

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[X] 5 Days
[ ] 10 Days
[ ] Other
*SURCHARGE APPLIES

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] GW Criteria

NY
[ ] NY 375 GWP
[X] NY375 Unrestricted Use Soil
[X] NY375 Residential Soil
[X] Restricted/Residential
[ ] Commercial
[ ] Industrial

Data Format
[ ] Phoenix Std Report
[X] Excel
[X] PDF
[ ] GIS/Key
[X] EQuIS
[ ] NJ Hazsite EDD
[X] NY EZ EDD (ASP)
[ ] Other

Data Package
[ ] NJ Reduced Deliv. *
[X] NY Enhanced (ASP B) *
[ ] Other

State where samples were collected: NY

PHOENIX
Environmental Laboratories, Inc.

Tuesday, November 29, 2016

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 260 W126TH ST., NY, NY
Sample ID#s: BV88454 - BV88458

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

November 29, 2016

SDG I.D.: GBV88454

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

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

Analysis Report

November 29, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	HL	11/18/16	10:10
Location Code:	EBC	Received by:	LB	11/21/16	15:04
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	19844				

Laboratory Data

SDG ID: GBV88454
Phoenix ID: BV88454

Project ID: 260 W126TH ST., NY, NY
Client ID: SG5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	11/22/16	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	11/22/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	11/22/16	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	11/22/16	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	11/22/16	KCA	1	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	11/22/16	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	11/22/16	KCA	1	
1,2,4-Trimethylbenzene	0.435	*0.204*	0.204	2.14	*1.00*	1.00	11/22/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	11/22/16	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	11/22/16	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	11/22/16	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	11/22/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	11/22/16	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	11/22/16	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	11/22/16	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	11/22/16	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	11/22/16	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	11/22/16	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	11/22/16	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	11/22/16	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	11/22/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	11/22/16	KCA	1	
Acetone	23.5	*0.421*	0.421	55.8	*1.00*	1.00	11/22/16	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	11/22/16	KCA	1	
Benzene	3.55	*0.313*	0.313	11.3	*1.00*	1.00	11/22/16	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	11/22/16	KCA	1	

Project ID: 260 W126TH ST., NY, NY
Client ID: SG5

Phoenix I.D.: BV88454

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	11/22/16	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	11/22/16	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	11/22/16	KCA	1	
Carbon Disulfide	9.76		*0.321*	0.321	30.4	*1.00*	1.00	11/22/16	KCA	1	
Carbon Tetrachloride	0.050		*0.040*	0.040	0.31	*0.25*	0.25	11/22/16	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	11/22/16	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	11/22/16	KCA	1	
Chloroform	1.59		*0.205*	0.205	7.76	*1.00*	1.00	11/22/16	KCA	1	
Chloromethane	ND		*0.485*	0.485	ND	*1.00*	1.00	11/22/16	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	11/22/16	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	11/22/16	KCA	1	
Cyclohexane	0.955		*0.291*	0.291	3.29	*1.00*	1.00	11/22/16	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	11/22/16	KCA	1	
Dichlorodifluoromethane	0.446		*0.202*	0.202	2.20	*1.00*	1.00	11/22/16	KCA	1	
Ethanol	637	E	*0.531*	0.531	1200	*1.00*	1.00	11/22/16	KCA	1	1
Ethyl acetate	ND		*0.278*	0.278	ND	*1.00*	1.00	11/22/16	KCA	1	1
Ethylbenzene	0.446		*0.230*	0.230	1.94	*1.00*	1.00	11/22/16	KCA	1	
Heptane	0.354		*0.244*	0.244	1.45	*1.00*	1.00	11/22/16	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	11/22/16	KCA	1	
Hexane	4.56		*0.284*	0.284	16.1	*1.00*	1.00	11/22/16	KCA	1	
Isopropylalcohol	ND		*0.407*	0.407	ND	*1.00*	1.00	11/22/16	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	11/22/16	KCA	1	
m,p-Xylene	1.54		*0.230*	0.230	6.68	*1.00*	1.00	11/22/16	KCA	1	
Methyl Ethyl Ketone	30.1		*0.339*	0.339	88.7	*1.00*	1.00	11/22/16	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	11/22/16	KCA	1	
Methylene Chloride	ND		*0.288*	0.288	ND	*1.00*	1.00	11/22/16	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	11/22/16	KCA	1	1
o-Xylene	0.572		*0.230*	0.230	2.48	*1.00*	1.00	11/22/16	KCA	1	
Propylene	259		*43.6*	43.6	445	*75.0*	75.0	11/24/16	KCA	75	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	11/22/16	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	11/22/16	KCA	1	
Tetrachloroethene	2.43		*0.037*	0.037	16.5	*0.25*	0.25	11/22/16	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	11/22/16	KCA	1	1
Toluene	4.06		*0.266*	0.266	15.3	*1.00*	1.00	11/22/16	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	11/22/16	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	11/22/16	KCA	1	
Trichloroethene	0.115		*0.047*	0.047	0.62	*0.25*	0.25	11/22/16	KCA	1	
Trichlorofluoromethane	0.217		*0.178*	0.178	1.22	*1.00*	1.00	11/22/16	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	11/22/16	KCA	1	
Vinyl Chloride	ND		*0.098*	0.098	ND	*0.25*	0.25	11/22/16	KCA	1	
QA/QC Surrogates											
% Bromofluorobenzene	106		*%*	%	106	*%*	%	11/22/16	KCA	1	

Ver 1

Project ID: 260 W126TH ST., NY, NY
Client ID: SG5

Phoenix I.D.: BV88454

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

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.

Phyllis Shiller, Laboratory Director
November 29, 2016
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

November 29, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	HL	11/18/16	10:47
Location Code:	EBC	Received by:	LB	11/21/16	15:04
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	12872				

Laboratory Data

SDG ID: GBV88454
Phoenix ID: BV88455

Project ID: 260 W126TH ST., NY, NY
Client ID: SG4

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	11/22/16	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	11/22/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	11/22/16	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	11/22/16	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	11/22/16	KCA	1	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	11/22/16	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	11/22/16	KCA	1	
1,2,4-Trimethylbenzene	0.447	*0.204*	0.204	2.20	*1.00*	1.00	11/22/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	11/22/16	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	11/22/16	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	11/22/16	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	11/22/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	11/22/16	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	11/22/16	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	11/22/16	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	11/22/16	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	11/22/16	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	11/22/16	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	11/22/16	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	11/22/16	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	11/22/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	11/22/16	KCA	1	
Acetone	17.7	*0.421*	0.421	42.0	*1.00*	1.00	11/22/16	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	11/22/16	KCA	1	
Benzene	1.03	*0.313*	0.313	3.29	*1.00*	1.00	11/22/16	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	11/22/16	KCA	1	

Project ID: 260 W126TH ST., NY, NY
Client ID: SG4

Phoenix I.D.: BV88455

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	11/22/16	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	11/22/16	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	11/22/16	KCA	1	
Carbon Disulfide	0.355		*0.321*	0.321	1.10	*1.00*	1.00	11/22/16	KCA	1	
Carbon Tetrachloride	0.056		*0.040*	0.040	0.35	*0.25*	0.25	11/22/16	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	11/22/16	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	11/22/16	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	11/22/16	KCA	1	
Chloromethane	ND		*0.485*	0.485	ND	*1.00*	1.00	11/22/16	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	11/22/16	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	11/22/16	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	11/22/16	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	11/22/16	KCA	1	
Dichlorodifluoromethane	0.490		*0.202*	0.202	2.42	*1.00*	1.00	11/22/16	KCA	1	
Ethanol	1510	E	*0.531*	0.531	2840	*1.00*	1.00	11/22/16	KCA	1	1
Ethyl acetate	0.559		*0.278*	0.278	2.01	*1.00*	1.00	11/22/16	KCA	1	1
Ethylbenzene	0.435		*0.230*	0.230	1.89	*1.00*	1.00	11/22/16	KCA	1	
Heptane	0.279		*0.244*	0.244	1.14	*1.00*	1.00	11/22/16	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	11/22/16	KCA	1	
Hexane	0.476	S	*0.284*	0.284	1.68	*1.00*	1.00	11/22/16	KCA	1	
Isopropylalcohol	ND		*0.407*	0.407	ND	*1.00*	1.00	11/22/16	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	11/22/16	KCA	1	
m,p-Xylene	1.53		*0.230*	0.230	6.64	*1.00*	1.00	11/22/16	KCA	1	
Methyl Ethyl Ketone	ND		*0.339*	0.339	ND	*1.00*	1.00	11/22/16	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	11/22/16	KCA	1	
Methylene Chloride	ND		*0.288*	0.288	ND	*1.00*	1.00	11/22/16	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	11/22/16	KCA	1	1
o-Xylene	0.546		*0.230*	0.230	2.37	*1.00*	1.00	11/22/16	KCA	1	
Propylene	20.7		*0.581*	0.581	35.6	*1.00*	1.00	11/22/16	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	11/22/16	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	11/22/16	KCA	1	
Tetrachloroethene	1.07		*0.037*	0.037	7.25	*0.25*	0.25	11/22/16	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	11/22/16	KCA	1	1
Toluene	4.01		*0.266*	0.266	15.1	*1.00*	1.00	11/22/16	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	11/22/16	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	11/22/16	KCA	1	
Trichloroethene	0.050		*0.047*	0.047	0.27	*0.25*	0.25	11/22/16	KCA	1	
Trichlorofluoromethane	0.210		*0.178*	0.178	1.18	*1.00*	1.00	11/22/16	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	11/22/16	KCA	1	
Vinyl Chloride	ND		*0.098*	0.098	ND	*0.25*	0.25	11/22/16	KCA	1	
QA/QC Surrogates											
% Bromofluorobenzene	103		*%*	%	103	*%*	%	11/22/16	KCA	1	

Ver 1

Project ID: 260 W126TH ST., NY, NY
Client ID: SG4

Phoenix I.D.: BV88455

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
November 29, 2016
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

November 29, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	HL	11/18/16	10:24
Location Code:	EBC	Received by:	LB	11/21/16	15:04
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	13641				

Laboratory Data

SDG ID: GBV88454
Phoenix ID: BV88456

Project ID: 260 W126TH ST., NY, NY
Client ID: SG2

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	11/23/16	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	11/23/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	11/23/16	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	11/23/16	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	11/23/16	KCA	1	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	11/23/16	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	11/23/16	KCA	1	
1,2,4-Trimethylbenzene	0.282	*0.204*	0.204	1.39	*1.00*	1.00	11/23/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	11/23/16	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	11/23/16	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	11/23/16	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	11/23/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	11/23/16	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	11/23/16	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	11/23/16	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	11/23/16	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	11/23/16	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	11/23/16	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	11/23/16	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	11/23/16	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	11/23/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	11/23/16	KCA	1	
Acetone	7.77	*0.421*	0.421	18.4	*1.00*	1.00	11/23/16	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	11/23/16	KCA	1	
Benzene	0.903	*0.313*	0.313	2.88	*1.00*	1.00	11/23/16	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	11/23/16	KCA	1	

Project ID: 260 W126TH ST., NY, NY
Client ID: SG2

Phoenix I.D.: BV88456

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	11/23/16	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	11/23/16	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	11/23/16	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	11/23/16	KCA	1	
Carbon Tetrachloride	0.054		*0.040*	0.040	0.34	*0.25*	0.25	11/23/16	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	11/23/16	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	11/23/16	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	11/23/16	KCA	1	
Chloromethane	0.495		*0.485*	0.485	1.02	*1.00*	1.00	11/23/16	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	11/23/16	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	11/23/16	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	11/23/16	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	11/23/16	KCA	1	
Dichlorodifluoromethane	0.478		*0.202*	0.202	2.36	*1.00*	1.00	11/23/16	KCA	1	
Ethanol	118	E	*0.531*	0.531	222	*1.00*	1.00	11/23/16	KCA	1	1
Ethyl acetate	ND		*0.278*	0.278	ND	*1.00*	1.00	11/23/16	KCA	1	1
Ethylbenzene	0.319		*0.230*	0.230	1.38	*1.00*	1.00	11/23/16	KCA	1	
Heptane	0.256		*0.244*	0.244	1.05	*1.00*	1.00	11/23/16	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	11/23/16	KCA	1	
Hexane	0.576	S	*0.284*	0.284	2.03	*1.00*	1.00	11/23/16	KCA	1	
Isopropylalcohol	1.92		*0.407*	0.407	4.72	*1.00*	1.00	11/23/16	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	11/23/16	KCA	1	
m,p-Xylene	1.34		*0.230*	0.230	5.81	*1.00*	1.00	11/23/16	KCA	1	
Methyl Ethyl Ketone	0.801		*0.339*	0.339	2.36	*1.00*	1.00	11/23/16	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	11/23/16	KCA	1	
Methylene Chloride	ND		*0.288*	0.288	ND	*1.00*	1.00	11/23/16	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	11/23/16	KCA	1	1
o-Xylene	0.399		*0.230*	0.230	1.73	*1.00*	1.00	11/23/16	KCA	1	
Propylene	10.1		*0.581*	0.581	17.4	*1.00*	1.00	11/23/16	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	11/23/16	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	11/23/16	KCA	1	
Tetrachloroethene	0.773		*0.037*	0.037	5.24	*0.25*	0.25	11/23/16	KCA	1	
Tetrahydrofuran	0.659		*0.339*	0.339	1.94	*1.00*	1.00	11/23/16	KCA	1	1
Toluene	2.33		*0.266*	0.266	8.78	*1.00*	1.00	11/23/16	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	11/23/16	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	11/23/16	KCA	1	
Trichloroethene	ND		*0.047*	0.047	ND	*0.25*	0.25	11/23/16	KCA	1	
Trichlorofluoromethane	0.188		*0.178*	0.178	1.06	*1.00*	1.00	11/23/16	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	11/23/16	KCA	1	
Vinyl Chloride	ND		*0.098*	0.098	ND	*0.25*	0.25	11/23/16	KCA	1	
QA/QC Surrogates											
% Bromofluorobenzene	101		*%*	%	101	*%*	%	11/23/16	KCA	1	

Ver 1

Project ID: 260 W126TH ST., NY, NY
Client ID: SG2

Phoenix I.D.: BV88456

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
November 29, 2016
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

November 29, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	HL	11/18/16	10:03
Location Code:	EBC	Received by:	LB	11/21/16	15:04
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	19631				

Laboratory Data

SDG ID: GBV88454
Phoenix ID: BV88457

Project ID: 260 W126TH ST., NY, NY
Client ID: SG3

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	11/23/16	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	11/23/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	11/23/16	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	11/23/16	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	11/23/16	KCA	1	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	11/23/16	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	11/23/16	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	11/23/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	11/23/16	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	11/23/16	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	11/23/16	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	11/23/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	11/23/16	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	11/23/16	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	11/23/16	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	11/23/16	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	11/23/16	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	11/23/16	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	11/23/16	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	11/23/16	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	11/23/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	11/23/16	KCA	1	
Acetone	7.09	*0.421*	0.421	16.8	*1.00*	1.00	11/23/16	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	11/23/16	KCA	1	
Benzene	0.620	*0.313*	0.313	1.98	*1.00*	1.00	11/23/16	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	11/23/16	KCA	1	

Project ID: 260 W126TH ST., NY, NY
Client ID: SG3

Phoenix I.D.: BV88457

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	11/23/16	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	11/23/16	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	11/23/16	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	11/23/16	KCA	1	
Carbon Tetrachloride	0.051		*0.040*	0.040	0.32	*0.25*	0.25	11/23/16	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	11/23/16	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	11/23/16	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	11/23/16	KCA	1	
Chloromethane	ND		*0.485*	0.485	ND	*1.00*	1.00	11/23/16	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	11/23/16	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	11/23/16	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	11/23/16	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	11/23/16	KCA	1	
Dichlorodifluoromethane	0.456		*0.202*	0.202	2.25	*1.00*	1.00	11/23/16	KCA	1	
Ethanol	367	E	*0.531*	0.531	691	*1.00*	1.00	11/23/16	KCA	1	1
Ethyl acetate	0.385		*0.278*	0.278	1.39	*1.00*	1.00	11/23/16	KCA	1	1
Ethylbenzene	0.294		*0.230*	0.230	1.28	*1.00*	1.00	11/23/16	KCA	1	
Heptane	ND		*0.244*	0.244	ND	*1.00*	1.00	11/23/16	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	11/23/16	KCA	1	
Hexane	ND		*0.284*	0.284	ND	*1.00*	1.00	11/23/16	KCA	1	
Isopropylalcohol	1.05		*0.407*	0.407	2.58	*1.00*	1.00	11/23/16	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	11/23/16	KCA	1	
m,p-Xylene	1.18		*0.230*	0.230	5.12	*1.00*	1.00	11/23/16	KCA	1	
Methyl Ethyl Ketone	2.30		*0.339*	0.339	6.78	*1.00*	1.00	11/23/16	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	11/23/16	KCA	1	
Methylene Chloride	ND		*0.288*	0.288	ND	*1.00*	1.00	11/23/16	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	11/23/16	KCA	1	1
o-Xylene	0.377		*0.230*	0.230	1.64	*1.00*	1.00	11/23/16	KCA	1	
Propylene	2.61		*0.581*	0.581	4.49	*1.00*	1.00	11/23/16	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	11/23/16	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	11/23/16	KCA	1	
Tetrachloroethene	0.589		*0.037*	0.037	3.99	*0.25*	0.25	11/23/16	KCA	1	
Tetrahydrofuran	0.628		*0.339*	0.339	1.85	*1.00*	1.00	11/23/16	KCA	1	1
Toluene	4.39		*0.266*	0.266	16.5	*1.00*	1.00	11/23/16	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	11/23/16	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	11/23/16	KCA	1	
Trichloroethene	ND		*0.047*	0.047	ND	*0.25*	0.25	11/23/16	KCA	1	
Trichlorofluoromethane	0.196		*0.178*	0.178	1.10	*1.00*	1.00	11/23/16	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	11/23/16	KCA	1	
Vinyl Chloride	ND		*0.098*	0.098	ND	*0.25*	0.25	11/23/16	KCA	1	
QA/QC Surrogates											
% Bromofluorobenzene	100		*%*	%	100	*%*	%	11/23/16	KCA	1	

Ver 1

Project ID: 260 W126TH ST., NY, NY
Client ID: SG3

Phoenix I.D.: BV88457

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
November 29, 2016
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

November 29, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	HL	11/18/16	11:18
Location Code:	EBC	Received by:	LB	11/21/16	15:04
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	12871				

Laboratory Data

SDG ID: GBV88454
Phoenix ID: BV88458

Project ID: 260 W126TH ST., NY, NY
Client ID: SG1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	11/23/16	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	11/23/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	11/23/16	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	11/23/16	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	11/23/16	KCA	1	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	11/23/16	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	11/23/16	KCA	1	
1,2,4-Trimethylbenzene	0.954	*0.204*	0.204	4.69	*1.00*	1.00	11/23/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	11/23/16	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	11/23/16	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	11/23/16	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	11/23/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	11/23/16	KCA	1	
1,3,5-Trimethylbenzene	0.263	*0.204*	0.204	1.29	*1.00*	1.00	11/23/16	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	11/23/16	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	11/23/16	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	11/23/16	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	11/23/16	KCA	1	
2-Hexanone(MBK)	0.938	*0.244*	0.244	3.84	*1.00*	1.00	11/23/16	KCA	1	1
4-Ethyltoluene	0.225	*0.204*	0.204	1.11	*1.00*	1.00	11/23/16	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	11/23/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.698	*0.244*	0.244	2.86	*1.00*	1.00	11/23/16	KCA	1	
Acetone	131	*6.32*	6.32	311	*15.0*	15.0	11/28/16	KCA	15	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	11/23/16	KCA	1	
Benzene	0.828	*0.313*	0.313	2.64	*1.00*	1.00	11/23/16	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	11/23/16	KCA	1	

Project ID: 260 W126TH ST., NY, NY
Client ID: SG1

Phoenix I.D.: BV88458

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	11/23/16	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	11/23/16	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	11/23/16	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	11/23/16	KCA	1	
Carbon Tetrachloride	0.082		*0.040*	0.040	0.52	*0.25*	0.25	11/23/16	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	11/23/16	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	11/23/16	KCA	1	
Chloroform	0.459		*0.205*	0.205	2.24	*1.00*	1.00	11/23/16	KCA	1	
Chloromethane	ND		*0.485*	0.485	ND	*1.00*	1.00	11/23/16	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	11/23/16	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	11/23/16	KCA	1	
Cyclohexane	4.42		*0.291*	0.291	15.2	*1.00*	1.00	11/23/16	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	11/23/16	KCA	1	
Dichlorodifluoromethane	0.526		*0.202*	0.202	2.60	*1.00*	1.00	11/23/16	KCA	1	
Ethanol	210		*7.97*	7.97	395	*15.0*	15.0	11/28/16	KCA	15	1
Ethyl acetate	0.838		*0.278*	0.278	3.02	*1.00*	1.00	11/23/16	KCA	1	1
Ethylbenzene	0.911		*0.230*	0.230	3.95	*1.00*	1.00	11/23/16	KCA	1	
Heptane	0.629		*0.244*	0.244	2.58	*1.00*	1.00	11/23/16	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	11/23/16	KCA	1	
Hexane	1.91	S	*0.284*	0.284	6.73	*1.00*	1.00	11/23/16	KCA	1	
Isopropylalcohol	6.27		*0.407*	0.407	15.4	*1.00*	1.00	11/23/16	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	11/23/16	KCA	1	
m,p-Xylene	3.14		*0.230*	0.230	13.6	*1.00*	1.00	11/23/16	KCA	1	
Methyl Ethyl Ketone	360		*5.09*	5.09	1060	*15.0*	15.0	11/28/16	KCA	15	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	11/23/16	KCA	1	
Methylene Chloride	ND		*0.288*	0.288	ND	*1.00*	1.00	11/23/16	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	11/23/16	KCA	1	1
o-Xylene	1.14		*0.230*	0.230	4.95	*1.00*	1.00	11/23/16	KCA	1	
Propylene	8.53		*0.581*	0.581	14.7	*1.00*	1.00	11/23/16	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	11/23/16	KCA	1	1
Styrene	0.256		*0.235*	0.235	1.09	*1.00*	1.00	11/23/16	KCA	1	
Tetrachloroethene	1.67		*0.037*	0.037	11.3	*0.25*	0.25	11/23/16	KCA	1	
Tetrahydrofuran	2.89		*0.339*	0.339	8.52	*1.00*	1.00	11/23/16	KCA	1	1
Toluene	4.34		*0.266*	0.266	16.3	*1.00*	1.00	11/23/16	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	11/23/16	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	11/23/16	KCA	1	
Trichloroethene	0.071		*0.047*	0.047	0.38	*0.25*	0.25	11/23/16	KCA	1	
Trichlorofluoromethane	0.288		*0.178*	0.178	1.62	*1.00*	1.00	11/23/16	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	11/23/16	KCA	1	
Vinyl Chloride	ND		*0.098*	0.098	ND	*0.25*	0.25	11/23/16	KCA	1	
QA/QC Surrogates											
% Bromofluorobenzene	105		*%*	%	105	*%*	%	11/23/16	KCA	1	

Ver 1

Project ID: 260 W126TH ST., NY, NY
Client ID: SG1

Phoenix I.D.: BV88458

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

E = Estimated value quantitated above calibration range for this compound.

S - Laboratory solvent, contamination is possible.

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.

Phyllis Shiller, Laboratory Director
November 29, 2016
Reviewed and Released by: Ethan Lee, Project Manager

Tuesday, November 29, 2016

Criteria: None

State: NY

Sample Criteria Exceedances Report

GBV88454 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

CHAIN OF CUSTODY RECORD
AIR ANALYSES

PHOENIX *Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

800-827-5426
email: greg@phoenixlabs.com

P.O. # | Page 1 of 1

Data Delivery:
- ☐ Fax #:
- ☒ Email: File
- ☐ Phone #:

Report to:

Customer: EQC

Address:

Invoice to:

Sampled by: Hongpong Lau

Project Name: 260 W125th street, NY, NY

Requested Deliverable:
RCP ☐ ASP CAT B ☒
MCP ☐ NJ Deliverables ☐

State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
	THIS SECTION FOR LAB USE ONLY												MATRIX			ANALYSES	
88454	SG5	19846	6.0	-30	-5	4490	43	7:51	10:10	11-18-16	-28	-6		X			X
88455	SG4	12872	↓	↓	-4	3504	↓	7:55	10:47	11-18-16	-30	-7		X			X
88456	SG2	13641			-4	3250		7:59	10:24	11-18-16	-29	-5		X			X
88457	SG3	19631			-1	5660		7:53	10:03	11-18-16	-30	-5		X			X
88458	SG1	12871			-6	4494		9:14	11:18	11-18-16	-30	-6		X			X
	5 x 6L 24hr																

Relinquished by:	Accepted by:	Date:	Time:
Hongpong Lau		11-21-16	8:30
	Krystal Bulnes	11-21-16	15:04

Data Format:
Excel ☒ Equis ☒ GISKey ☐
PDF ☒ Other: ☐

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

Turnaround time 5 days.

Requested Criteria

Quote Number:

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: Date:

PHOENIX
Environmental Laboratories, Inc.

Wednesday, November 30, 2016

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 260 W126TH ST., HARLEM, NY
Sample ID#s: BV88459 - BV88464

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

November 30, 2016

SDG I.D.: GBV88459

8260 Volatile Organics:
1,2-Dibromoethane, 1,2,3 Trichloropropane, and 1,2-Dibromo-3-chloropropane do not meet NY TOGS GA criteria, these compounds are analyzed by GC/FID method 504 or 8011 to achieve this criteria.

SIM Analysis:
The lowest possible reporting limit under SIM conditions is 0.02 ug/L. The NY TOGS GA criteria for some PAHs is 0.002 ug/L. This level can not be achieved.

Toxaphene is reported to the lowest possible reporting level. The NY TOGS criteria for this compound can not be achieved.

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

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

Analysis Report

November 30, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	HL	11/18/16	10:07
Location Code:	EBC	Received by:	LB	11/21/16	15:04
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV88459
Phoenix ID: BV88459

Project ID: 260 W126TH ST., HARLEM, NY
Client ID: MW1

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	0.002	B	0.005	0.001	mg/L	1	11/23/16	LK	SW6010C	
Aluminum	185		0.10	0.050	mg/L	10	11/23/16	LK	SW6010C	
Arsenic - LDL	0.054		0.004	0.004	mg/L	1	11/23/16	LK	SW6010C	
Barium	4.96		0.010	0.001	mg/L	1	11/23/16	LK	SW6010C	
Beryllium	0.024		0.001	0.001	mg/L	1	11/23/16	LK	SW6010C	
Calcium	267		0.10	0.10	mg/L	10	11/23/16	LK	SW6010C	B
Cadmium	0.014		0.004	0.0005	mg/L	1	11/23/16	LK	SW6010C	
Cobalt	0.396		0.005	0.001	mg/L	1	11/23/16	LK	SW6010C	
Chromium	0.304		0.001	0.001	mg/L	1	11/23/16	LK	SW6010C	
Copper	2.26		0.050	0.010	mg/L	10	11/23/16	LK	SW6010C	
Iron	264		0.10	0.10	mg/L	10	11/23/16	LK	SW6010C	
Mercury	ND		0.0002	0.00015	mg/L	1	11/22/16	RS	SW7470A	
Potassium	57.6		1.0	0.10	mg/L	10	11/23/16	LK	SW6010C	
Magnesium	90.5		0.10	0.10	mg/L	10	11/23/16	LK	SW6010C	
Manganese	71.1		0.50	0.10	mg/L	100	11/29/16	TH	SW6010C	
Sodium	226		1.0	0.10	mg/L	10	11/23/16	LK	SW6010C	
Nickel	1.16		0.004	0.001	mg/L	1	11/23/16	LK	SW6010C	
Lead	0.408		0.002	0.001	mg/L	1	11/23/16	LK	SW6010C	
Antimony	ND		0.002	0.002	mg/L	1	11/28/16	RS	SW7010	
Selenium	ND		0.002	0.001	mg/L	1	11/22/16	RS	SW7010	
Thallium - LDL	ND		0.0005	0.0005	mg/L	1	11/28/16	RS	SW7010	
Vanadium	0.403		0.010	0.001	mg/L	1	11/23/16	LK	SW6010C	
Zinc	1.07		0.010	0.0011	mg/L	1	11/23/16	LK	SW6010C	
Mercury Digestion	Completed						11/22/16	QW/QW	SW7470A	
PCB Extraction (2 Liter)	Completed						11/21/16	Z/T	SW3510C	
Extraction for Pest (2 Liter)	Completed						11/21/16	Z/T	SW3510C	
Semi-Volatile Extraction	Completed						11/21/16	P/D/D	SW3520C	
Total Metals Digestion	Completed						11/21/16	AG		

Ver 1

Project ID: 260 W126TH ST., HARLEM, NY
Client ID: MW1

Phoenix I.D.: BV88459

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Pesticides									
4,4' -DDD	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B	
4,4' -DDE	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B	
4,4' -DDT	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B	
a-chlordane	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Alachlor	ND	0.075	0.075	ug/L	1	11/22/16	CE	SW8081B	1
Aldrin	ND	0.002	0.002	ug/L	1	11/22/16	CE	SW8081B	
b-BHC	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B	
Chlordane	ND	0.050	0.050	ug/L	1	11/22/16	CE	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B	
Dieldrin	ND	0.002	0.002	ug/L	1	11/22/16	CE	SW8081B	
Endosulfan I	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endosulfan II	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endrin	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endrin ketone	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B	
g-chlordane	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Heptachlor	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Methoxychlor	ND	0.10	0.10	ug/L	1	11/22/16	CE	SW8081B	
Toxaphene	ND	0.20	0.20	ug/L	1	11/22/16	CE	SW8081B	
QA/QC Surrogates									
%DCBP (Surrogate Rec)	70			%	1	11/22/16	CE	SW8081B	
%TCMX (Surrogate Rec)	82			%	1	11/22/16	CE	SW8081B	
Polychlorinated Biphenyls									
PCB-1016	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1221	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1232	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1242	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1248	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1254	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1260	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1262	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1268	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
QA/QC Surrogates									
% DCBP	68			%	1	11/22/16	AW	40 - 140 %	
% TCMX	68			%	1	11/22/16	AW	40 - 140 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	

Project ID: 260 W126TH ST., HARLEM, NY
Client ID: MW1

Phoenix I.D.: BV88459

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2,4-Trimethylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	11/22/16	HM	SW8260C	
2-Isopropyltoluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	11/22/16	HM	SW8260C	
Acetone	3.7	JS	5.0	2.5	ug/L	1	11/22/16	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	11/22/16	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	11/22/16	HM	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromodichloromethane	0.43	J	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Chloroform	2.0	J	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Chloromethane	0.97	J	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
cis-1,2-Dichloroethene	0.50	J	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/22/16	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	11/22/16	HM	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	11/22/16	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	11/22/16	HM	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	11/22/16	HM	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Tetrachloroethene	1.4		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	11/22/16	HM	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/22/16	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	11/22/16	HM	SW8260C	
Trichloroethene	0.48	J	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	97				%	1	11/22/16	HM	70 - 130 %	
% Bromofluorobenzene	95				%	1	11/22/16	HM	70 - 130 %	
% Dibromofluoromethane	94				%	1	11/22/16	HM	70 - 130 %	
% Toluene-d8	100				%	1	11/22/16	HM	70 - 130 %	

Semivolatiles

1,2,4-Trichlorobenzene	ND		5.0	1.5	ug/L	1	11/23/16	DD	SW8270D	
1,2-Dichlorobenzene	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND		5.0	1.6	ug/L	1	11/23/16	DD	SW8270D	
1,3-Dichlorobenzene	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
1,4-Dichlorobenzene	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
2,4-Dichlorophenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
2,4-Dimethylphenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
2,4-Dinitrophenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
2,4-Dinitrotoluene	ND		5.0	2.0	ug/L	1	11/23/16	DD	SW8270D	
2,6-Dinitrotoluene	ND		5.0	1.6	ug/L	1	11/23/16	DD	SW8270D	
2-Chloronaphthalene	ND		5.0	1.4	ug/L	1	11/23/16	DD	SW8270D	
2-Chlorophenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
2-Methylnaphthalene	ND		5.0	1.5	ug/L	1	11/23/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
2-Nitroaniline	ND		5.0	2.0	ug/L	1	11/23/16	DD	SW8270D	
2-Nitrophenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
3,3'-Dichlorobenzidine	ND		5.0	2.4	ug/L	1	11/23/16	DD	SW8270D	
3-Nitroaniline	ND		5.0	2.0	ug/L	1	11/23/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		5.0	1.5	ug/L	1	11/23/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
4-Chloroaniline	ND		3.5	2.3	ug/L	1	11/23/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		5.0	1.7	ug/L	1	11/23/16	DD	SW8270D	
4-Nitroaniline	ND		5.0	1.7	ug/L	1	11/23/16	DD	SW8270D	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Nitrophenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	11/23/16	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	11/23/16	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	11/23/16	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	11/23/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Carbazole	ND	5.0	3.8	ug/L	1	11/23/16	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	11/23/16	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	11/23/16	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	11/23/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	11/23/16	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	11/23/16	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	11/23/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	92			%	1	11/23/16	DD	15 - 110 %
% 2-Fluorobiphenyl	64			%	1	11/23/16	DD	30 - 130 %
% 2-Fluorophenol	49			%	1	11/23/16	DD	15 - 110 %
% Nitrobenzene-d5	54			%	1	11/23/16	DD	30 - 130 %
% Phenol-d5	53			%	1	11/23/16	DD	15 - 110 %
% Terphenyl-d14	71			%	1	11/23/16	DD	30 - 130 %
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	11/23/16	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	11/23/16	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	11/23/16	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	11/23/16	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	0.10	0.10	ug/L	1	11/23/16	DD	SW8270D (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	11/23/16	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	11/23/16	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	11/23/16	DD	SW8270D (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	1	11/23/16	DD	SW8270D (SIM)
QA/QC Surrogates								
% 2,4,6-Tribromophenol	89			%	1	11/23/16	DD	15 - 110 %
% 2-Fluorobiphenyl	72			%	1	11/23/16	DD	30 - 130 %
% 2-Fluorophenol	53			%	1	11/23/16	DD	15 - 110 %
% Nitrobenzene-d5	66			%	1	11/23/16	DD	30 - 130 %
% Phenol-d5	69			%	1	11/23/16	DD	15 - 110 %
% Terphenyl-d14	101			%	1	11/23/16	DD	30 - 130 %

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/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile Comment:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
November 30, 2016
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

November 30, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	HL	11/18/16	9:35
Location Code:	EBC	Received by:	LB	11/21/16	15:04
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV88459
Phoenix ID: BV88460

Project ID: 260 W126TH ST., HARLEM, NY
Client ID: MW2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	ND	0.005	0.001	mg/L	1	11/23/16	LK	SW6010C	
Aluminum	136	0.10	0.050	mg/L	10	11/23/16	LK	SW6010C	
Arsenic - LDL	0.041	0.004	0.004	mg/L	1	11/23/16	LK	SW6010C	
Barium	3.63	0.010	0.001	mg/L	1	11/23/16	LK	SW6010C	
Beryllium	0.019	0.001	0.001	mg/L	1	11/23/16	LK	SW6010C	
Calcium	190	0.10	0.10	mg/L	10	11/23/16	LK	SW6010C	B
Cadmium	0.009	0.004	0.0005	mg/L	1	11/23/16	LK	SW6010C	
Cobalt	0.224	0.005	0.001	mg/L	1	11/23/16	LK	SW6010C	
Chromium	0.236	0.001	0.001	mg/L	1	11/23/16	LK	SW6010C	
Copper	1.83	0.005	0.001	mg/L	1	11/23/16	LK	SW6010C	
Iron	191	0.10	0.10	mg/L	10	11/23/16	LK	SW6010C	
Mercury	ND	0.0002	0.00015	mg/L	1	11/22/16	RS	SW7470A	
Potassium	43.4	0.1	0.01	mg/L	1	11/23/16	LK	SW6010C	
Magnesium	75.4	0.10	0.10	mg/L	10	11/23/16	LK	SW6010C	
Manganese	41.7	0.50	0.10	mg/L	100	11/29/16	TH	SW6010C	
Sodium	148	1.0	0.10	mg/L	10	11/23/16	LK	SW6010C	
Nickel	0.880	0.004	0.001	mg/L	1	11/23/16	LK	SW6010C	
Lead	0.160	0.002	0.001	mg/L	1	11/23/16	LK	SW6010C	
Antimony	ND	0.002	0.002	mg/L	1	11/28/16	RS	SW7010	
Selenium	ND	0.002	0.001	mg/L	1	11/22/16	RS	SW7010	
Thallium - LDL	ND	0.0005	0.0005	mg/L	1	11/28/16	RS	SW7010	
Vanadium	0.269	0.010	0.001	mg/L	1	11/23/16	LK	SW6010C	
Zinc	0.710	0.010	0.0011	mg/L	1	11/23/16	LK	SW6010C	
Mercury Digestion	Completed					11/22/16	QW/QW	SW7470A	
PCB Extraction (2 Liter)	Completed					11/21/16	Z/T	SW3510C	
Extraction for Pest (2 Liter)	Completed					11/21/16	Z/T	SW3510C	
Semi-Volatile Extraction	Completed					11/21/16	P/D/D	SW3520C	
Total Metals Digestion	Completed					11/21/16	AG		

Ver 1

Project ID: 260 W126TH ST., HARLEM, NY
Client ID: MW2

Phoenix I.D.: BV88460

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Pesticides									
4,4' -DDD	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B	
4,4' -DDE	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B	
4,4' -DDT	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B	
a-chlordane	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Alachlor	ND	0.075	0.075	ug/L	1	11/22/16	CE	SW8081B	1
Aldrin	ND	0.002	0.002	ug/L	1	11/22/16	CE	SW8081B	
b-BHC	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B	
Chlordane	ND	0.050	0.050	ug/L	1	11/22/16	CE	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B	
Dieldrin	ND	0.002	0.002	ug/L	1	11/22/16	CE	SW8081B	
Endosulfan I	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endosulfan II	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endrin	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endrin ketone	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B	
g-chlordane	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Heptachlor	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Methoxychlor	ND	0.10	0.10	ug/L	1	11/22/16	CE	SW8081B	
Toxaphene	ND	0.20	0.20	ug/L	1	11/22/16	CE	SW8081B	
QA/QC Surrogates									
%DCBP (Surrogate Rec)	73			%	1	11/22/16	CE	SW8081B	
%TCMX (Surrogate Rec)	81			%	1	11/22/16	CE	SW8081B	
Polychlorinated Biphenyls									
PCB-1016	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1221	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1232	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1242	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1248	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1254	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1260	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1262	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1268	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
QA/QC Surrogates									
% DCBP	69			%	1	11/22/16	AW	40 - 140 %	
% TCMX	71			%	1	11/22/16	AW	40 - 140 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	

Project ID: 260 W126TH ST., HARLEM, NY
Client ID: MW2

Phoenix I.D.: BV88460

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2,4-Trimethylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	11/22/16	HM	SW8260C	
2-Isopropyltoluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	11/22/16	HM	SW8260C	
Acetone	3.2	JS	5.0	2.5	ug/L	1	11/22/16	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	11/22/16	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	11/22/16	HM	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromodichloromethane	0.54	J	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Chloroform	2.2	J	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Chloromethane	1.7	J	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
cis-1,2-Dichloroethene	0.46	J	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/22/16	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	11/22/16	HM	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	11/22/16	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	11/22/16	HM	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	11/22/16	HM	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Tetrachloroethene	2.2		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	11/22/16	HM	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/22/16	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	11/22/16	HM	SW8260C	
Trichloroethene	0.78	J	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	95				%	1	11/22/16	HM	70 - 130 %	
% Bromofluorobenzene	98				%	1	11/22/16	HM	70 - 130 %	
% Dibromofluoromethane	94				%	1	11/22/16	HM	70 - 130 %	
% Toluene-d8	100				%	1	11/22/16	HM	70 - 130 %	

Semivolatiles

1,2,4-Trichlorobenzene	ND		5.0	1.5	ug/L	1	11/28/16	DD	SW8270D	
1,2-Dichlorobenzene	ND		1.0	1.0	ug/L	1	11/28/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND		5.0	1.6	ug/L	1	11/28/16	DD	SW8270D	
1,3-Dichlorobenzene	ND		1.0	1.0	ug/L	1	11/28/16	DD	SW8270D	
1,4-Dichlorobenzene	ND		1.0	1.0	ug/L	1	11/28/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND		1.0	1.0	ug/L	1	11/28/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND		1.0	1.0	ug/L	1	11/28/16	DD	SW8270D	
2,4-Dichlorophenol	ND		1.0	1.0	ug/L	1	11/28/16	DD	SW8270D	
2,4-Dimethylphenol	ND		1.0	1.0	ug/L	1	11/28/16	DD	SW8270D	
2,4-Dinitrophenol	ND		1.0	1.0	ug/L	1	11/28/16	DD	SW8270D	
2,4-Dinitrotoluene	ND		5.0	2.0	ug/L	1	11/28/16	DD	SW8270D	
2,6-Dinitrotoluene	ND		5.0	1.6	ug/L	1	11/28/16	DD	SW8270D	
2-Chloronaphthalene	ND		5.0	1.4	ug/L	1	11/28/16	DD	SW8270D	
2-Chlorophenol	ND		1.0	1.0	ug/L	1	11/28/16	DD	SW8270D	
2-Methylnaphthalene	ND		5.0	1.5	ug/L	1	11/28/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		1.0	1.0	ug/L	1	11/28/16	DD	SW8270D	
2-Nitroaniline	ND		5.0	2.0	ug/L	1	11/28/16	DD	SW8270D	
2-Nitrophenol	ND		1.0	1.0	ug/L	1	11/28/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		1.0	1.0	ug/L	1	11/28/16	DD	SW8270D	
3,3'-Dichlorobenzidine	ND		5.0	2.4	ug/L	1	11/28/16	DD	SW8270D	
3-Nitroaniline	ND		5.0	2.0	ug/L	1	11/28/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		1.0	1.0	ug/L	1	11/28/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		5.0	1.5	ug/L	1	11/28/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND		1.0	1.0	ug/L	1	11/28/16	DD	SW8270D	
4-Chloroaniline	ND		3.5	2.3	ug/L	1	11/28/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		5.0	1.7	ug/L	1	11/28/16	DD	SW8270D	
4-Nitroaniline	ND		5.0	1.7	ug/L	1	11/28/16	DD	SW8270D	

Project ID: 260 W126TH ST., HARLEM, NY
Client ID: MW2

Phoenix I.D.: BV88460

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Nitrophenol	ND	1.0	1.0	ug/L	1	11/28/16	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	11/28/16	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	11/28/16	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	11/28/16	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	11/28/16	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	11/28/16	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	11/28/16	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	11/28/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	11/28/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	11/28/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	11/28/16	DD	SW8270D
Carbazole	ND	5.0	3.8	ug/L	1	11/28/16	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	11/28/16	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	11/28/16	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	11/28/16	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	11/28/16	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	11/28/16	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	11/28/16	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	11/28/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	11/28/16	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	11/28/16	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	11/28/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	11/28/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	11/28/16	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	11/28/16	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	11/28/16	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	11/28/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	87			%	1	11/28/16	DD	15 - 110 %
% 2-Fluorobiphenyl	74			%	1	11/28/16	DD	30 - 130 %
% 2-Fluorophenol	51			%	1	11/28/16	DD	15 - 110 %
% Nitrobenzene-d5	64			%	1	11/28/16	DD	30 - 130 %
% Phenol-d5	63			%	1	11/28/16	DD	15 - 110 %
% Terphenyl-d14	89			%	1	11/28/16	DD	30 - 130 %
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	11/23/16	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	11/23/16	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	11/23/16	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	11/23/16	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)

Project ID: 260 W126TH ST., HARLEM, NY
Client ID: MW2

Phoenix I.D.: BV88460

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	0.10	0.10	ug/L	1	11/23/16	DD	SW8270D (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	11/23/16	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	11/23/16	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	11/23/16	DD	SW8270D (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	1	11/23/16	DD	SW8270D (SIM)
QA/QC Surrogates								
% 2,4,6-Tribromophenol	92			%	1	11/23/16	DD	15 - 110 %
% 2-Fluorobiphenyl	75			%	1	11/23/16	DD	30 - 130 %
% 2-Fluorophenol	56			%	1	11/23/16	DD	15 - 110 %
% Nitrobenzene-d5	70			%	1	11/23/16	DD	30 - 130 %
% Phenol-d5	69			%	1	11/23/16	DD	15 - 110 %
% Terphenyl-d14	102			%	1	11/23/16	DD	30 - 130 %

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/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile Comment:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
November 30, 2016
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

November 30, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	HL	11/18/16	8:15
Location Code:	EBC	Received by:	LB	11/21/16	15:04
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV88459
Phoenix ID: BV88461

Project ID: 260 W126TH ST., HARLEM, NY
Client ID: MW3

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	0.001	B	0.005	0.001	mg/L	1	11/23/16	LK	SW6010C	
Aluminum	272		0.10	0.050	mg/L	10	11/23/16	LK	SW6010C	
Arsenic - LDL	0.047		0.004	0.004	mg/L	1	11/23/16	LK	SW6010C	
Barium	4.11		0.010	0.001	mg/L	1	11/23/16	LK	SW6010C	
Beryllium	0.017		0.001	0.001	mg/L	1	11/23/16	LK	SW6010C	
Calcium	203		0.10	0.10	mg/L	10	11/23/16	LK	SW6010C	B
Cadmium	0.010		0.004	0.0005	mg/L	1	11/23/16	LK	SW6010C	
Cobalt	0.377		0.005	0.001	mg/L	1	11/23/16	LK	SW6010C	
Chromium	0.710		0.001	0.001	mg/L	1	11/23/16	LK	SW6010C	
Copper	1.74		0.005	0.001	mg/L	1	11/23/16	LK	SW6010C	
Iron	349		0.10	0.10	mg/L	10	11/23/16	LK	SW6010C	
Mercury	ND		0.0002	0.00015	mg/L	1	11/22/16	RS	SW7470A	
Potassium	72.1		1.0	0.10	mg/L	10	11/23/16	LK	SW6010C	
Magnesium	128		0.10	0.10	mg/L	10	11/23/16	LK	SW6010C	
Manganese	52.0		0.50	0.10	mg/L	100	11/29/16	TH	SW6010C	
Sodium	165		1.0	0.10	mg/L	10	11/23/16	LK	SW6010C	
Nickel	0.754		0.004	0.001	mg/L	1	11/23/16	LK	SW6010C	
Lead	0.347		0.002	0.001	mg/L	1	11/23/16	LK	SW6010C	
Antimony	0.002		0.002	0.002	mg/L	1	11/28/16	RS	SW7010	
Selenium	ND		0.002	0.001	mg/L	1	11/22/16	RS	SW7010	
Thallium - LDL	0.001		0.0005	0.0005	mg/L	1	11/28/16	RS	SW7010	
Vanadium	0.572		0.010	0.001	mg/L	1	11/23/16	LK	SW6010C	
Zinc	1.03		0.010	0.0011	mg/L	1	11/23/16	LK	SW6010C	
Mercury Digestion	Completed						11/22/16	QW/QW	SW7470A	
PCB Extraction (2 Liter)	Completed						11/21/16	Z/T	SW3510C	
Extraction for Pest (2 Liter)	Completed						11/21/16	Z/T	SW3510C	
Semi-Volatile Extraction	Completed						11/21/16	P/D/D	SW3520C	
Total Metals Digestion	Completed						11/21/16	AG		

Ver 1

Project ID: 260 W126TH ST., HARLEM, NY
Client ID: MW3

Phoenix I.D.: BV88461

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Pesticides									
4,4' -DDD	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B	
4,4' -DDE	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B	
4,4' -DDT	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B	
a-chlordane	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Alachlor	ND	0.075	0.075	ug/L	1	11/22/16	CE	SW8081B	1
Aldrin	ND	0.002	0.002	ug/L	1	11/22/16	CE	SW8081B	
b-BHC	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B	
Chlordane	ND	0.050	0.050	ug/L	1	11/22/16	CE	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B	
Dieldrin	ND	0.002	0.002	ug/L	1	11/22/16	CE	SW8081B	
Endosulfan I	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endosulfan II	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endrin	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endrin ketone	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B	
g-chlordane	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Heptachlor	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Methoxychlor	ND	0.10	0.10	ug/L	1	11/22/16	CE	SW8081B	
Toxaphene	ND	0.20	0.20	ug/L	1	11/22/16	CE	SW8081B	
QA/QC Surrogates									
%DCBP (Surrogate Rec)	57			%	1	11/22/16	CE	SW8081B	
%TCMX (Surrogate Rec)	77			%	1	11/22/16	CE	SW8081B	
Polychlorinated Biphenyls									
PCB-1016	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1221	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1232	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1242	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1248	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1254	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1260	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1262	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1268	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
QA/QC Surrogates									
% DCBP	54			%	1	11/22/16	AW	40 - 140 %	
% TCMX	66			%	1	11/22/16	AW	40 - 140 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2,4-Trimethylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	11/22/16	HM	SW8260C	
2-Isopropyltoluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	11/22/16	HM	SW8260C	
Acetone	3.7	JS	5.0	2.5	ug/L	1	11/22/16	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	11/22/16	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	11/22/16	HM	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Chloroform	6.1		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Chloromethane	1.5	J	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/22/16	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	11/22/16	HM	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	11/22/16	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	11/22/16	HM	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	11/22/16	HM	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Tetrachloroethene	1.0		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	11/22/16	HM	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/22/16	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	11/22/16	HM	SW8260C	
Trichloroethene	0.28	J	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	96				%	1	11/22/16	HM	70 - 130 %	
% Bromofluorobenzene	95				%	1	11/22/16	HM	70 - 130 %	
% Dibromofluoromethane	95				%	1	11/22/16	HM	70 - 130 %	
% Toluene-d8	101				%	1	11/22/16	HM	70 - 130 %	
Semivolatiles										
1,2,4-Trichlorobenzene	ND		5.0	1.5	ug/L	1	11/23/16	DD	SW8270D	
1,2-Dichlorobenzene	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND		5.0	1.6	ug/L	1	11/23/16	DD	SW8270D	
1,3-Dichlorobenzene	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
1,4-Dichlorobenzene	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
2,4-Dichlorophenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
2,4-Dimethylphenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
2,4-Dinitrophenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
2,4-Dinitrotoluene	ND		5.0	2.0	ug/L	1	11/23/16	DD	SW8270D	
2,6-Dinitrotoluene	ND		5.0	1.6	ug/L	1	11/23/16	DD	SW8270D	
2-Chloronaphthalene	ND		5.0	1.4	ug/L	1	11/23/16	DD	SW8270D	
2-Chlorophenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
2-Methylnaphthalene	ND		5.0	1.5	ug/L	1	11/23/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
2-Nitroaniline	ND		5.0	2.0	ug/L	1	11/23/16	DD	SW8270D	
2-Nitrophenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
3,3'-Dichlorobenzidine	ND		5.0	2.4	ug/L	1	11/23/16	DD	SW8270D	
3-Nitroaniline	ND		5.0	2.0	ug/L	1	11/23/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		5.0	1.5	ug/L	1	11/23/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
4-Chloroaniline	ND		3.5	2.3	ug/L	1	11/23/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		5.0	1.7	ug/L	1	11/23/16	DD	SW8270D	
4-Nitroaniline	ND		5.0	1.7	ug/L	1	11/23/16	DD	SW8270D	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Nitrophenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	11/23/16	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	11/23/16	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	11/23/16	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	11/23/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Carbazole	ND	5.0	3.8	ug/L	1	11/23/16	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	11/23/16	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	11/23/16	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	11/23/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	11/23/16	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	11/23/16	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	11/23/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	87			%	1	11/23/16	DD	15 - 110 %
% 2-Fluorobiphenyl	64			%	1	11/23/16	DD	30 - 130 %
% 2-Fluorophenol	47			%	1	11/23/16	DD	15 - 110 %
% Nitrobenzene-d5	57			%	1	11/23/16	DD	30 - 130 %
% Phenol-d5	41			%	1	11/23/16	DD	15 - 110 %
% Terphenyl-d14	73			%	1	11/23/16	DD	30 - 130 %
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	11/23/16	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	11/23/16	DD	SW8270D (SIM)
Benz(a)anthracene	0.03	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	11/23/16	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	11/23/16	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)

Ver 1

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	0.10	0.10	ug/L	1	11/23/16	DD	SW8270D (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	11/23/16	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	11/23/16	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	11/23/16	DD	SW8270D (SIM)
Phenanthrene	0.13	0.10	0.10	ug/L	1	11/23/16	DD	SW8270D (SIM)
QA/QC Surrogates								
% 2,4,6-Tribromophenol	93			%	1	11/23/16	DD	15 - 110 %
% 2-Fluorobiphenyl	71			%	1	11/23/16	DD	30 - 130 %
% 2-Fluorophenol	49			%	1	11/23/16	DD	15 - 110 %
% Nitrobenzene-d5	74			%	1	11/23/16	DD	30 - 130 %
% Phenol-d5	53			%	1	11/23/16	DD	15 - 110 %
% Terphenyl-d14	100			%	1	11/23/16	DD	30 - 130 %

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/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile Comment:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
November 30, 2016
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

November 30, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	HL	11/18/16	9:00
Location Code:	EBC	Received by:	LB	11/21/16	15:04
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV88459
Phoenix ID: BV88462

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Client ID: MW4

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	0.002	B	0.005	0.001	mg/L	1	11/23/16	LK	SW6010C	
Aluminum	272		0.10	0.050	mg/L	10	11/23/16	LK	SW6010C	
Arsenic - LDL	0.065		0.004	0.004	mg/L	1	11/23/16	LK	SW6010C	
Barium	5.62		0.010	0.001	mg/L	1	11/23/16	LK	SW6010C	
Beryllium	0.028		0.001	0.001	mg/L	1	11/23/16	LK	SW6010C	
Calcium	291		0.10	0.10	mg/L	10	11/23/16	LK	SW6010C	B
Cadmium	0.017		0.004	0.0005	mg/L	1	11/23/16	LK	SW6010C	
Cobalt	0.429		0.005	0.001	mg/L	1	11/23/16	LK	SW6010C	
Chromium	0.559		0.001	0.001	mg/L	1	11/23/16	LK	SW6010C	
Copper	2.40		0.050	0.010	mg/L	10	11/23/16	LK	SW6010C	
Iron	376		0.10	0.10	mg/L	10	11/23/16	LK	SW6010C	
Mercury	ND		0.0002	0.00015	mg/L	1	11/22/16	RS	SW7470A	
Potassium	80.0		1.0	0.10	mg/L	10	11/23/16	LK	SW6010C	
Magnesium	146		0.10	0.10	mg/L	10	11/23/16	LK	SW6010C	
Manganese	84.7		0.50	0.10	mg/L	100	11/29/16	TH	SW6010C	
Sodium	177		1.0	0.10	mg/L	10	11/23/16	LK	SW6010C	
Nickel	1.33		0.004	0.001	mg/L	1	11/23/16	LK	SW6010C	
Lead	0.535		0.002	0.001	mg/L	1	11/23/16	LK	SW6010C	
Antimony	0.002		0.002	0.002	mg/L	1	11/28/16	RS	SW7010	
Selenium	ND		0.002	0.001	mg/L	1	11/22/16	RS	SW7010	
Thallium - LDL	ND		0.0005	0.0005	mg/L	1	11/28/16	RS	SW7010	
Vanadium	0.544		0.010	0.001	mg/L	1	11/23/16	LK	SW6010C	
Zinc	1.92		0.010	0.0011	mg/L	1	11/23/16	LK	SW6010C	
Mercury Digestion	Completed						11/22/16	QW/QW	SW7470A	
PCB Extraction (2 Liter)	Completed						11/21/16	Z/T	SW3510C	
Extraction for Pest (2 Liter)	Completed						11/21/16	Z/T	SW3510C	
Semi-Volatile Extraction	Completed						11/21/16	P/D/D	SW3520C	
Total Metals Digestion	Completed						11/21/16	AG		

Ver 1

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Pesticides									
4,4' -DDD	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B	
4,4' -DDE	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B	
4,4' -DDT	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B	
a-chlordane	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Alachlor	ND	0.075	0.075	ug/L	1	11/22/16	CE	SW8081B	1
Aldrin	ND	0.002	0.002	ug/L	1	11/22/16	CE	SW8081B	
b-BHC	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B	
Chlordane	ND	0.050	0.050	ug/L	1	11/22/16	CE	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B	
Dieldrin	ND	0.002	0.002	ug/L	1	11/22/16	CE	SW8081B	
Endosulfan I	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endosulfan II	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endrin	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endrin ketone	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B	
g-chlordane	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Heptachlor	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Methoxychlor	ND	0.10	0.10	ug/L	1	11/22/16	CE	SW8081B	
Toxaphene	ND	0.20	0.20	ug/L	1	11/22/16	CE	SW8081B	
QA/QC Surrogates									
%DCBP (Surrogate Rec)	73			%	1	11/22/16	CE	SW8081B	
%TCMX (Surrogate Rec)	92			%	1	11/22/16	CE	SW8081B	
Polychlorinated Biphenyls									
PCB-1016	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1221	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1232	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1242	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1248	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1254	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1260	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1262	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1268	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
QA/QC Surrogates									
% DCBP	62			%	1	11/22/16	AW	40 - 140 %	
% TCMX	68			%	1	11/22/16	AW	40 - 140 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2,4-Trimethylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	11/22/16	HM	SW8260C	
2-Isopropyltoluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	11/22/16	HM	SW8260C	
Acetone	3.8	JS	5.0	2.5	ug/L	1	11/22/16	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	11/22/16	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	11/22/16	HM	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Chloroform	1.7	J	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Chloromethane	0.89	J	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/22/16	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	11/22/16	HM	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	11/22/16	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	11/22/16	HM	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	11/22/16	HM	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Tetrachloroethene	0.84	J	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	11/22/16	HM	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/22/16	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	11/22/16	HM	SW8260C	
Trichloroethene	0.29	J	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	95				%	1	11/22/16	HM	70 - 130 %	
% Bromofluorobenzene	100				%	1	11/22/16	HM	70 - 130 %	
% Dibromofluoromethane	96				%	1	11/22/16	HM	70 - 130 %	
% Toluene-d8	99				%	1	11/22/16	HM	70 - 130 %	

Semivolatiles

1,2,4-Trichlorobenzene	ND		5.0	1.5	ug/L	1	11/23/16	DD	SW8270D	
1,2-Dichlorobenzene	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND		5.0	1.6	ug/L	1	11/23/16	DD	SW8270D	
1,3-Dichlorobenzene	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
1,4-Dichlorobenzene	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
2,4-Dichlorophenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
2,4-Dimethylphenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
2,4-Dinitrophenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
2,4-Dinitrotoluene	ND		5.0	2.0	ug/L	1	11/23/16	DD	SW8270D	
2,6-Dinitrotoluene	ND		5.0	1.6	ug/L	1	11/23/16	DD	SW8270D	
2-Chloronaphthalene	ND		5.0	1.4	ug/L	1	11/23/16	DD	SW8270D	
2-Chlorophenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
2-Methylnaphthalene	ND		5.0	1.5	ug/L	1	11/23/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
2-Nitroaniline	ND		5.0	2.0	ug/L	1	11/23/16	DD	SW8270D	
2-Nitrophenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
3,3'-Dichlorobenzidine	ND		5.0	2.4	ug/L	1	11/23/16	DD	SW8270D	
3-Nitroaniline	ND		5.0	2.0	ug/L	1	11/23/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		5.0	1.5	ug/L	1	11/23/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND		1.0	1.0	ug/L	1	11/23/16	DD	SW8270D	
4-Chloroaniline	ND		3.5	2.3	ug/L	1	11/23/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		5.0	1.7	ug/L	1	11/23/16	DD	SW8270D	
4-Nitroaniline	ND		5.0	1.7	ug/L	1	11/23/16	DD	SW8270D	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Nitrophenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	11/23/16	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	11/23/16	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	11/23/16	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	11/23/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Carbazole	ND	5.0	3.8	ug/L	1	11/23/16	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	11/23/16	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	11/23/16	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	11/23/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	11/23/16	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	11/23/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	11/23/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	11/23/16	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	11/23/16	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	11/23/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	83			%	1	11/23/16	DD	15 - 110 %
% 2-Fluorobiphenyl	65			%	1	11/23/16	DD	30 - 130 %
% 2-Fluorophenol	60			%	1	11/23/16	DD	15 - 110 %
% Nitrobenzene-d5	47			%	1	11/23/16	DD	30 - 130 %
% Phenol-d5	47			%	1	11/23/16	DD	15 - 110 %
% Terphenyl-d14	74			%	1	11/23/16	DD	30 - 130 %
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	11/23/16	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	11/23/16	DD	SW8270D (SIM)
Benz(a)anthracene	0.38	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Benzo(a)pyrene	0.38	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Benzo(b)fluoranthene	0.34	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Benzo(ghi)perylene	0.27	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Benzo(k)fluoranthene	0.30	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	11/23/16	DD	SW8270D (SIM)
Chrysene	0.39	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	0.04	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	11/23/16	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	11/23/16	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	0.26	0.02	0.02	ug/L	1	11/23/16	DD	SW8270D (SIM)

Ver 1

Project ID: 260 W126TH ST., HARLEM, NY
Client ID: MW4

Phoenix I.D.: BV88462

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	0.10	0.10	ug/L	1	11/23/16	DD	SW8270D (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	11/23/16	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	11/23/16	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	11/23/16	DD	SW8270D (SIM)
Phenanthrene	0.36	0.10	0.10	ug/L	1	11/23/16	DD	SW8270D (SIM)
QA/QC Surrogates								
% 2,4,6-Tribromophenol	92			%	1	11/23/16	DD	15 - 110 %
% 2-Fluorobiphenyl	72			%	1	11/23/16	DD	30 - 130 %
% 2-Fluorophenol	52			%	1	11/23/16	DD	15 - 110 %
% Nitrobenzene-d5	67			%	1	11/23/16	DD	30 - 130 %
% Phenol-d5	64			%	1	11/23/16	DD	15 - 110 %
% Terphenyl-d14	99			%	1	11/23/16	DD	30 - 130 %

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/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile Comment:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
November 30, 2016
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

November 30, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	HL	11/18/16	8:35
Location Code:	EBC	Received by:	LB	11/21/16	15:04
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV88459
Phoenix ID: BV88463

Project ID: 260 W126TH ST., HARLEM, NY
Client ID: GW DUPLICATE

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	0.002	B	0.005	0.001	mg/L	1	11/23/16	LK	SW6010C	
Aluminum	241		0.10	0.050	mg/L	10	11/23/16	LK	SW6010C	
Arsenic - LDL	0.045		0.004	0.004	mg/L	1	11/23/16	LK	SW6010C	
Barium	4.38		0.010	0.001	mg/L	1	11/23/16	LK	SW6010C	
Beryllium	0.017		0.001	0.001	mg/L	1	11/23/16	LK	SW6010C	
Calcium	204		0.10	0.10	mg/L	10	11/23/16	LK	SW6010C	B
Cadmium	0.010		0.004	0.0005	mg/L	1	11/23/16	LK	SW6010C	
Cobalt	0.385		0.005	0.001	mg/L	1	11/23/16	LK	SW6010C	
Chromium	0.709		0.001	0.001	mg/L	1	11/23/16	LK	SW6010C	
Copper	1.81		0.005	0.001	mg/L	1	11/23/16	LK	SW6010C	
Iron	304		0.10	0.10	mg/L	10	11/23/16	LK	SW6010C	
Mercury	ND		0.0002	0.00015	mg/L	1	11/22/16	RS	SW7470A	
Potassium	64.5		1.0	0.10	mg/L	10	11/23/16	LK	SW6010C	
Magnesium	116		0.10	0.10	mg/L	10	11/23/16	LK	SW6010C	
Manganese	61.3		0.50	0.10	mg/L	100	11/29/16	TH	SW6010C	
Sodium	157		1.0	0.10	mg/L	10	11/23/16	LK	SW6010C	
Nickel	0.779		0.004	0.001	mg/L	1	11/23/16	LK	SW6010C	
Lead	0.332		0.002	0.001	mg/L	1	11/23/16	LK	SW6010C	
Antimony	0.002		0.002	0.002	mg/L	1	11/28/16	RS	SW7010	
Selenium	ND		0.002	0.001	mg/L	1	11/29/16	RS	SW7010	
Thallium - LDL	0.002		0.0005	0.0005	mg/L	1	11/28/16	RS	SW7010	
Vanadium	0.513		0.010	0.001	mg/L	1	11/23/16	LK	SW6010C	
Zinc	1.03		0.010	0.0011	mg/L	1	11/23/16	LK	SW6010C	
Mercury Digestion	Completed						11/22/16	QW/QW	SW7470A	
PCB Extraction (2 Liter)	Completed						11/21/16	Z/T	SW3510C	
Extraction for Pest (2 Liter)	Completed						11/21/16	Z/T	SW3510C	
Semi-Volatile Extraction	Completed						11/23/16	P/D/D	SW3520C	
Total Metals Digestion	Completed						11/21/16	AG		

Ver 1

Project ID: 260 W126TH ST., HARLEM, NY
Client ID: GW DUPLICATE

Phoenix I.D.: BV88463

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Pesticides									
4,4' -DDD	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B	
4,4' -DDE	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B	
4,4' -DDT	ND	0.005	0.010	ug/L	1	11/22/16	CE	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B	
a-chlordane	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Alachlor	ND	0.075	0.075	ug/L	1	11/22/16	CE	SW8081B	1
Aldrin	ND	0.002	0.002	ug/L	1	11/22/16	CE	SW8081B	
b-BHC	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B	
Chlordane	ND	0.050	0.050	ug/L	1	11/22/16	CE	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	11/22/16	CE	SW8081B	
Dieldrin	ND	0.002	0.002	ug/L	1	11/22/16	CE	SW8081B	
Endosulfan I	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endosulfan II	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endrin	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Endrin ketone	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
g-BHC (Lindane)	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
g-chlordane	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Heptachlor	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	11/22/16	CE	SW8081B	
Methoxychlor	ND	0.10	0.10	ug/L	1	11/22/16	CE	SW8081B	
Toxaphene	ND	0.20	0.20	ug/L	1	11/22/16	CE	SW8081B	
QA/QC Surrogates									
%DCBP (Surrogate Rec)	63			%	1	11/22/16	CE	SW8081B	
%TCMX (Surrogate Rec)	58			%	1	11/22/16	CE	SW8081B	
Polychlorinated Biphenyls									
PCB-1016	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1221	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1232	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1242	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1248	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1254	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1260	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1262	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
PCB-1268	ND	0.050	0.050	ug/L	1	11/22/16	AW	E608/SW8082A	
QA/QC Surrogates									
% DCBP	57			%	1	11/22/16	AW	40 - 140 %	
% TCMX	76			%	1	11/22/16	AW	40 - 140 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	

Project ID: 260 W126TH ST., HARLEM, NY
Client ID: GW DUPLICATE

Phoenix I.D.: BV88463

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2,4-Trimethylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	11/22/16	HM	SW8260C	
2-Isopropyltoluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	11/22/16	HM	SW8260C	
Acetone	4.3	JS	5.0	2.5	ug/L	1	11/22/16	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	11/22/16	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	11/22/16	HM	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Chloroform	6.8		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Chloromethane	1.1	J	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/22/16	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	11/22/16	HM	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	11/22/16	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	11/22/16	HM	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	11/22/16	HM	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Tetrachloroethene	1.1		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	11/22/16	HM	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/22/16	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	11/22/16	HM	SW8260C	
Trichloroethene	0.31	J	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	97				%	1	11/22/16	HM	70 - 130 %	
% Bromofluorobenzene	96				%	1	11/22/16	HM	70 - 130 %	
% Dibromofluoromethane	99				%	1	11/22/16	HM	70 - 130 %	
% Toluene-d8	100				%	1	11/22/16	HM	70 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		5.0	1.8	ug/L	1	11/29/16	DD	SW8270D	
1,2,4-Trichlorobenzene	ND		5.0	1.5	ug/L	1	11/29/16	DD	SW8270D	
1,2-Dichlorobenzene	ND		1.0	1.0	ug/L	1	11/29/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND		5.0	1.6	ug/L	1	11/29/16	DD	SW8270D	
1,3-Dichlorobenzene	ND		1.0	1.0	ug/L	1	11/29/16	DD	SW8270D	
1,4-Dichlorobenzene	ND		1.0	1.0	ug/L	1	11/29/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND		1.0	1.0	ug/L	1	11/29/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND		1.0	1.0	ug/L	1	11/29/16	DD	SW8270D	
2,4-Dichlorophenol	ND		1.0	1.0	ug/L	1	11/29/16	DD	SW8270D	
2,4-Dimethylphenol	ND		1.0	1.0	ug/L	1	11/29/16	DD	SW8270D	
2,4-Dinitrophenol	ND		1.0	1.0	ug/L	1	11/29/16	DD	SW8270D	
2,4-Dinitrotoluene	ND		5.0	2.0	ug/L	1	11/29/16	DD	SW8270D	
2,6-Dinitrotoluene	ND		5.0	1.6	ug/L	1	11/29/16	DD	SW8270D	
2-Chloronaphthalene	ND		5.0	1.4	ug/L	1	11/29/16	DD	SW8270D	
2-Chlorophenol	ND		1.0	1.0	ug/L	1	11/29/16	DD	SW8270D	
2-Methylnaphthalene	ND		5.0	1.5	ug/L	1	11/29/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		1.0	1.0	ug/L	1	11/29/16	DD	SW8270D	
2-Nitroaniline	ND		5.0	2.0	ug/L	1	11/29/16	DD	SW8270D	
2-Nitrophenol	ND		1.0	1.0	ug/L	1	11/29/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		1.0	1.0	ug/L	1	11/29/16	DD	SW8270D	
3,3'-Dichlorobenzidine	ND		5.0	2.4	ug/L	1	11/29/16	DD	SW8270D	
3-Nitroaniline	ND		5.0	2.0	ug/L	1	11/29/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		1.0	1.0	ug/L	1	11/29/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		5.0	1.5	ug/L	1	11/29/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND		1.0	1.0	ug/L	1	11/29/16	DD	SW8270D	
4-Chloroaniline	ND		3.5	2.3	ug/L	1	11/29/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		5.0	1.7	ug/L	1	11/29/16	DD	SW8270D	

Project ID: 260 W126TH ST., HARLEM, NY
Client ID: GW DUPLICATE

Phoenix I.D.: BV88463

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Nitroaniline	ND		5.0	1.7	ug/L	1	11/29/16	DD	SW8270D
4-Nitrophenol	ND		1.0	1.0	ug/L	1	11/29/16	DD	SW8270D
Acenaphthene	ND		5.0	1.5	ug/L	1	11/29/16	DD	SW8270D
Acenaphthylene	ND		5.0	1.4	ug/L	1	11/29/16	DD	SW8270D
Acetophenone	ND		5.0	1.6	ug/L	1	11/29/16	DD	SW8270D
Aniline	ND		3.5	5.0	ug/L	1	11/29/16	DD	SW8270D
Anthracene	ND		5.0	1.6	ug/L	1	11/29/16	DD	SW8270D
Benz(a)anthracene	ND		1.7	1.7	ug/L	1	11/29/16	DD	SW8270D
Benzidine	ND		4.5	2.9	ug/L	1	11/29/16	DD	SW8270D
Benzo(a)pyrene	ND		1.6	1.6	ug/L	1	11/29/16	DD	SW8270D
Benzo(b)fluoranthene	ND		1.7	1.7	ug/L	1	11/29/16	DD	SW8270D
Benzo(ghi)perylene	ND		5.0	1.6	ug/L	1	11/29/16	DD	SW8270D
Benzo(k)fluoranthene	ND		1.7	1.7	ug/L	1	11/29/16	DD	SW8270D
Benzoic acid	ND		25	10	ug/L	1	11/29/16	DD	SW8270D
Benzyl butyl phthalate	ND		5.0	1.3	ug/L	1	11/29/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND		5.0	1.4	ug/L	1	11/29/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND		1.0	1.0	ug/L	1	11/29/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND		5.0	1.4	ug/L	1	11/29/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	2.1	J	5.0	1.4	ug/L	1	11/29/16	DD	SW8270D
Carbazole	ND		5.0	3.8	ug/L	1	11/29/16	DD	SW8270D
Chrysene	ND		1.7	1.7	ug/L	1	11/29/16	DD	SW8270D
Dibenz(a,h)anthracene	ND		5.0	1.6	ug/L	1	11/29/16	DD	SW8270D
Dibenzofuran	ND		5.0	1.5	ug/L	1	11/29/16	DD	SW8270D
Diethyl phthalate	ND		5.0	1.6	ug/L	1	11/29/16	DD	SW8270D
Dimethylphthalate	ND		5.0	1.6	ug/L	1	11/29/16	DD	SW8270D
Di-n-butylphthalate	ND		5.0	1.3	ug/L	1	11/29/16	DD	SW8270D
Di-n-octylphthalate	ND		5.0	1.3	ug/L	1	11/29/16	DD	SW8270D
Fluoranthene	ND		5.0	1.6	ug/L	1	11/29/16	DD	SW8270D
Fluorene	ND		5.0	1.7	ug/L	1	11/29/16	DD	SW8270D
Hexachlorobenzene	ND		1.5	1.5	ug/L	1	11/29/16	DD	SW8270D
Hexachlorobutadiene	ND		1.8	1.8	ug/L	1	11/29/16	DD	SW8270D
Hexachlorocyclopentadiene	ND		5.0	1.5	ug/L	1	11/29/16	DD	SW8270D
Hexachloroethane	ND		5.0	1.5	ug/L	1	11/29/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND		1.7	1.7	ug/L	1	11/29/16	DD	SW8270D
Isophorone	ND		5.0	1.4	ug/L	1	11/29/16	DD	SW8270D
Naphthalene	ND		5.0	1.4	ug/L	1	11/29/16	DD	SW8270D
Nitrobenzene	ND		1.8	1.8	ug/L	1	11/29/16	DD	SW8270D
N-Nitrosodimethylamine	ND		1.0	1.0	ug/L	1	11/29/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND		5.0	1.6	ug/L	1	11/29/16	DD	SW8270D
N-Nitrosodiphenylamine	ND		5.0	1.9	ug/L	1	11/29/16	DD	SW8270D
Pentachloronitrobenzene	ND		5.0	1.9	ug/L	1	11/29/16	DD	SW8270D
Pentachlorophenol	ND		1.9	1.9	ug/L	1	11/29/16	DD	SW8270D
Phenanthrene	ND		5.0	1.4	ug/L	1	11/29/16	DD	SW8270D
Phenol	ND		1.0	1.0	ug/L	1	11/29/16	DD	SW8270D
Pyrene	ND		5.0	1.7	ug/L	1	11/29/16	DD	SW8270D
Pyridine	ND		10	1.2	ug/L	1	11/29/16	DD	SW8270D
QA/QC Surrogates									
% 2,4,6-Tribromophenol	78				%	1	11/29/16	DD	15 - 110 %
% 2-Fluorobiphenyl	84				%	1	11/29/16	DD	30 - 130 %

Ver 1

Project ID: 260 W126TH ST., HARLEM, NY
Client ID: GW DUPLICATE

Phoenix I.D.: BV88463

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorophenol	55			%	1	11/29/16	DD	15 - 110 %
% Nitrobenzene-d5	78			%	1	11/29/16	DD	30 - 130 %
% Phenol-d5	56			%	1	11/29/16	DD	15 - 110 %
% Terphenyl-d14	84			%	1	11/29/16	DD	30 - 130 %
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	11/29/16	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	11/29/16	DD	SW8270D (SIM)
Benz(a)anthracene	0.02	0.02	0.02	ug/L	1	11/29/16	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/29/16	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	11/29/16	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	11/29/16	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/29/16	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	1.5	1.0	1.0	ug/L	1	11/29/16	DD	SW8270D (SIM)
Chrysene	0.02	0.02	0.02	ug/L	1	11/29/16	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	11/29/16	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	11/29/16	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	11/29/16	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	11/29/16	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/29/16	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	11/29/16	DD	SW8270D (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	11/29/16	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	11/29/16	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	11/29/16	DD	SW8270D (SIM)
Phenanthrene	0.17	0.10	0.10	ug/L	1	11/29/16	DD	SW8270D (SIM)
QA/QC Surrogates								
% 2,4,6-Tribromophenol	71			%	1	11/29/16	DD	15 - 110 %
% 2-Fluorobiphenyl	81			%	1	11/29/16	DD	30 - 130 %
% 2-Fluorophenol	65			%	1	11/29/16	DD	15 - 110 %
% Nitrobenzene-d5	95			%	1	11/29/16	DD	30 - 130 %
% Phenol-d5	66			%	1	11/29/16	DD	15 - 110 %
% Terphenyl-d14	108			%	1	11/29/16	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	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/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

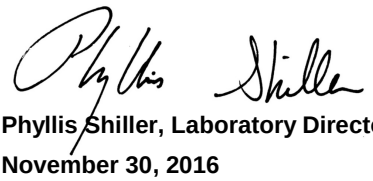
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile Comment:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

Semi-Volatile Comment:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



Phyllis Shiller, Laboratory Director
November 30, 2016
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

November 30, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	HL	11/18/16	
Location Code:	EBC	Received by:	LB	11/21/16	15:04
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBV88459
Phoenix ID: BV88464

Project ID: 260 W126TH ST., HARLEM, NY
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/22/16	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	11/22/16	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/22/16	HM	SW8260C	

Ver 1

Project ID: 260 W126TH ST., HARLEM, NY
Client ID: TRIP BLANK

Phoenix I.D.: BV88464

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	5.0	2.5	ug/L	1	11/22/16	HM	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	11/22/16	HM	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/22/16	HM	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromoform	ND	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Bromomethane	ND	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Chloroethane	ND	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Chloroform	ND	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Chloromethane	ND	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/22/16	HM	SW8260C	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	11/22/16	HM	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	11/22/16	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Methylene chloride	ND	3.0	1.0	ug/L	1	11/22/16	HM	SW8260C	
Naphthalene	ND	1.0	1.0	ug/L	1	11/22/16	HM	SW8260C	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	11/22/16	HM	SW8260C	1
Toluene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/22/16	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	11/22/16	HM	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/22/16	HM	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97			%	1	11/22/16	HM	70 - 130 %	
% Bromofluorobenzene	95			%	1	11/22/16	HM	70 - 130 %	
% Dibromofluoromethane	94			%	1	11/22/16	HM	70 - 130 %	

Ver 1

Project ID: 260 W126TH ST., HARLEM, NY
Client ID: TRIP BLANK

Phoenix I.D.: BV88464

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99			%	1	11/22/16	HM	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

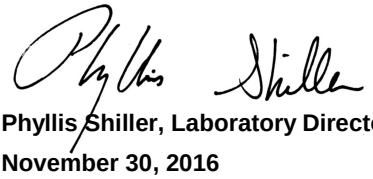
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

Volatile Comment:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



Phyllis Shiller, Laboratory Director
November 30, 2016
Reviewed and Released by: Ethan Lee, Project Manager

Wednesday, November 30, 2016

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GBV88459 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BV88459	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
BV88459	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
BV88459	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
BV88459	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BV88459	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BV88459	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BV88459	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BV88459	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BV88459	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BV88459	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BV88459	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BV88459	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BV88459	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BV88459	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BV88459	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BV88459	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	185	0.10	0.1	0.1	mg/L
BV88459	AS-WMDP	Arsenic - LDL	NY / TOGS - Water Quality / GA Criteria	0.054	0.004	0.025	0.025	mg/L
BV88459	BA-WMDP	Barium	NY / TOGS - Water Quality / GA Criteria	4.96	0.010	1	1	mg/L
BV88459	BE-WM	Beryllium	NY / TOGS - Water Quality / GA Criteria	0.024	0.001	0.003	0.003	mg/L
BV88459	CD-WMDP	Cadmium	NY / TOGS - Water Quality / GA Criteria	0.014	0.004	0.005	0.005	mg/L
BV88459	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.304	0.001	0.05	0.05	mg/L
BV88459	CU-WMDP	Copper	NY / TOGS - Water Quality / GA Criteria	2.26	0.050	0.2	0.2	mg/L
BV88459	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	264	0.10	0.3	0.3	mg/L
BV88459	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	90.5	0.10	35	35	mg/L
BV88459	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	71.1	0.50	0.3	0.3	mg/L
BV88459	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	226	1.0	20	20	mg/L
BV88459	NI-WMDP	Nickel	NY / TOGS - Water Quality / GA Criteria	1.16	0.004	0.1	0.1	mg/L
BV88459	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.408	0.002	0.025	0.025	mg/L
BV88460	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
BV88460	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
BV88460	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
BV88460	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BV88460	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BV88460	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BV88460	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BV88460	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BV88460	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BV88460	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BV88460	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BV88460	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BV88460	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L

Wednesday, November 30, 2016

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GBV88459 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BV88460	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BV88460	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BV88460	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	136	0.10	0.1	0.1	mg/L
BV88460	AS-WMDP	Arsenic - LDL	NY / TOGS - Water Quality / GA Criteria	0.041	0.004	0.025	0.025	mg/L
BV88460	BA-WMDP	Barium	NY / TOGS - Water Quality / GA Criteria	3.63	0.010	1	1	mg/L
BV88460	BE-WM	Beryllium	NY / TOGS - Water Quality / GA Criteria	0.019	0.001	0.003	0.003	mg/L
BV88460	CD-WMDP	Cadmium	NY / TOGS - Water Quality / GA Criteria	0.009	0.004	0.005	0.005	mg/L
BV88460	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.236	0.001	0.05	0.05	mg/L
BV88460	CU-WMDP	Copper	NY / TOGS - Water Quality / GA Criteria	1.83	0.005	0.2	0.2	mg/L
BV88460	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	191	0.10	0.3	0.3	mg/L
BV88460	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	75.4	0.10	35	35	mg/L
BV88460	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	41.7	0.50	0.3	0.3	mg/L
BV88460	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	148	1.0	20	20	mg/L
BV88460	NI-WMDP	Nickel	NY / TOGS - Water Quality / GA Criteria	0.880	0.004	0.1	0.1	mg/L
BV88460	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.160	0.002	0.025	0.025	mg/L
BV88461	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
BV88461	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
BV88461	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
BV88461	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BV88461	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BV88461	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BV88461	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BV88461	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
BV88461	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BV88461	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BV88461	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BV88461	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BV88461	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.03	0.02	0.002	0.002	ug/L
BV88461	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BV88461	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BV88461	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	272	0.10	0.1	0.1	mg/L
BV88461	AS-WMDP	Arsenic - LDL	NY / TOGS - Water Quality / GA Criteria	0.047	0.004	0.025	0.025	mg/L
BV88461	BA-WMDP	Barium	NY / TOGS - Water Quality / GA Criteria	4.11	0.010	1	1	mg/L
BV88461	BE-WM	Beryllium	NY / TOGS - Water Quality / GA Criteria	0.017	0.001	0.003	0.003	mg/L
BV88461	CD-WMDP	Cadmium	NY / TOGS - Water Quality / GA Criteria	0.010	0.004	0.005	0.005	mg/L
BV88461	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.710	0.001	0.05	0.05	mg/L
BV88461	CU-WMDP	Copper	NY / TOGS - Water Quality / GA Criteria	1.74	0.005	0.2	0.2	mg/L
BV88461	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	349	0.10	0.3	0.3	mg/L
BV88461	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	128	0.10	35	35	mg/L
BV88461	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	52.0	0.50	0.3	0.3	mg/L
BV88461	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	165	1.0	20	20	mg/L

Wednesday, November 30, 2016

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GBV88459 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BV88461	NI-WMDP	Nickel	NY / TOGS - Water Quality / GA Criteria	0.754	0.004	0.1	0.1	mg/L
BV88461	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.347	0.002	0.025	0.025	mg/L
BV88461	TL-WMDP	Thallium - LDL	NY / TOGS - Water Quality / GA Criteria	0.001	0.0005	0.0005	0.0005	mg/L
BV88462	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
BV88462	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
BV88462	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
BV88462	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.26	0.02	0.002	0.002	ug/L
BV88462	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.39	0.02	0.002	0.002	ug/L
BV88462	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.30	0.02	0.002	0.002	ug/L
BV88462	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.34	0.02	0.002	0.002	ug/L
BV88462	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.38	0.02	0.002	0.002	ug/L
BV88462	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.38	0.02	0.002	0.002	ug/L
BV88462	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.34	0.02	0.002	0.002	ug/L
BV88462	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.30	0.02	0.002	0.002	ug/L
BV88462	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.39	0.02	0.002	0.002	ug/L
BV88462	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	0.26	0.02	0.002	0.002	ug/L
BV88462	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.38	0.02	0.002	0.002	ug/L
BV88462	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BV88462	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	272	0.10	0.1	0.1	mg/L
BV88462	AS-WMDP	Arsenic - LDL	NY / TOGS - Water Quality / GA Criteria	0.065	0.004	0.025	0.025	mg/L
BV88462	BA-WMDP	Barium	NY / TOGS - Water Quality / GA Criteria	5.62	0.010	1	1	mg/L
BV88462	BE-WM	Beryllium	NY / TOGS - Water Quality / GA Criteria	0.028	0.001	0.003	0.003	mg/L
BV88462	CD-WMDP	Cadmium	NY / TOGS - Water Quality / GA Criteria	0.017	0.004	0.005	0.005	mg/L
BV88462	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.559	0.001	0.05	0.05	mg/L
BV88462	CU-WMDP	Copper	NY / TOGS - Water Quality / GA Criteria	2.40	0.050	0.2	0.2	mg/L
BV88462	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	376	0.10	0.3	0.3	mg/L
BV88462	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	146	0.10	35	35	mg/L
BV88462	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	84.7	0.50	0.3	0.3	mg/L
BV88462	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	177	1.0	20	20	mg/L
BV88462	NI-WMDP	Nickel	NY / TOGS - Water Quality / GA Criteria	1.33	0.004	0.1	0.1	mg/L
BV88462	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.535	0.002	0.025	0.025	mg/L
BV88463	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
BV88463	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
BV88463	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
BV88463	$DP8270-SIMF	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.7	0.002	0.002	ug/L
BV88463	$DP8270-SIMF	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.7	0.002	0.002	ug/L
BV88463	$DP8270-SIMF	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.7	0.002	0.002	ug/L
BV88463	$DP8270-SIMF	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.7	0.002	0.002	ug/L
BV88463	$DP8270-SIMF	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.7	0.002	0.002	ug/L
BV88463	$DP8270-SIMF	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.6	0.002	0.002	ug/L

Wednesday, November 30, 2016

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GBV88459 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BV88463	$DP8270-SIMF	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	1.7	0.002	0.002	ug/L
BV88463	$DP8270-SIMF	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	1.7	0.002	0.002	ug/L
BV88463	$DP8270-SIMF	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	1.7	0.002	0.002	ug/L
BV88463	$DP8270-SIMF	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	1.7	0.002	0.002	ug/L
BV88463	$DP8270-SIMF	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	1.7	0.002	0.002	ug/L
BV88463	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BV88463	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BV88463	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.02	0.02	0.002	0.002	ug/L
BV88463	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BV88463	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BV88463	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.02	0.02	0.002	0.002	ug/L
BV88463	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BV88463	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BV88463	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BV88463	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.02	0.02	0.002	0.002	ug/L
BV88463	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.02	0.02	0.002	0.002	ug/L
BV88463	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BV88463	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	241	0.10	0.1	0.1	mg/L
BV88463	AS-WMDP	Arsenic - LDL	NY / TOGS - Water Quality / GA Criteria	0.045	0.004	0.025	0.025	mg/L
BV88463	BA-WMDP	Barium	NY / TOGS - Water Quality / GA Criteria	4.38	0.010	1	1	mg/L
BV88463	BE-WM	Beryllium	NY / TOGS - Water Quality / GA Criteria	0.017	0.001	0.003	0.003	mg/L
BV88463	CD-WMDP	Cadmium	NY / TOGS - Water Quality / GA Criteria	0.010	0.004	0.005	0.005	mg/L
BV88463	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.709	0.001	0.05	0.05	mg/L
BV88463	CU-WMDP	Copper	NY / TOGS - Water Quality / GA Criteria	1.81	0.005	0.2	0.2	mg/L
BV88463	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	304	0.10	0.3	0.3	mg/L
BV88463	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	116	0.10	35	35	mg/L
BV88463	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	61.3	0.50	0.3	0.3	mg/L
BV88463	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	157	1.0	20	20	mg/L
BV88463	NI-WMDP	Nickel	NY / TOGS - Water Quality / GA Criteria	0.779	0.004	0.1	0.1	mg/L
BV88463	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.332	0.002	0.025	0.025	mg/L
BV88463	TL-WMDP	Thallium - LDL	NY / TOGS - Water Quality / GA Criteria	0.002	0.0005	0.0005	0.0005	mg/L
BV88464	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
BV88464	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
BV88464	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L

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

NY Temperature Narration

November 30, 2016

SDG I.D.: GBV88459

The samples in this delivery group were received at 3°C.
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [X] No [ ]

NY/NJ CHAIN OF CUSTODY RECORD

Temp 3 °C 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

Contact Options:
[ ] Fax:
[ ] Phone: 631-504-6000
[X] Email: File

Customer: Environmental Business Consultants
Address: 1808 Middle Country Road
Ridge, NY 11961

Project: 260 W126th Street, Harlem NY
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Hongong Lau Date: 11-18-16

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs 8270	PCB Pesticides	TAL Metals	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [X] As is [ ] H2SO4	PL As is [X] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
88459	MW1	GW	11-18-16	10:07	X	X	X	X				3	3	1		1		
88460	MW2	GW	11-18-16	9:35	X	X	X	X				3	3	1		1		
88461	MW3	GW	11-18-16	8:15	X	X	X	X				3	3	1		1		
88462	MW4	GW	11-18-16	9:00	X	X	X	X				3	3	1		1		
88463	GW Duplicate	GW	11-18-16	8:35	X	X	X	X				3	3	1		1		
88464	Trip blanks				X							3						

Relinquished by:	Accepted by:	Date:	Time:
Hongong Lau		11-21-16	9:30
	Krystal Bruce	11-21-16	15:04

Comments, Special Requirements or Regulations:

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[X] 5 Days
[ ] 10 Days
[ ] Other
* SURCHARGE APPLIES

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] GW Criteria

NY
[X] NY 375 GWP
[ ] NY375 Unrestricted Use Soil
[ ] NY375 Residential Soil
[ ] Restricted/Residential
[ ] Commercial
[ ] Industrial

Data Format
[ ] Phoenix Std Report
[X] Excel
[X] PDF
[ ] GIS/Key
[X] EQuIS
[ ] NJ Hazsite EDD
[X] NY EZ EDD (ASP)
[ ] Other

Data Package
[ ] NJ Reduced Deliv. *
[X] NY Enhanced (ASP B) *
[ ] Other

State where samples were collected: NY